

AICTE Approved; MAKAUT Affiliated; UGC (2f) Recognised Kanyapur, Vivekananda Sarani, Asansol Pashchim Bardhaman, WB, PIN - 713 305

Date: 09.09.2019

Report on Value Added Course

Training Topic :

Fundamentals of Electronics and Instrumentation

Training Date

02.09.2019 - 06.09.2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

12

Year / Semester

1st Year/ 1st Sem

Mode of Training

Offline

Stream

Applied Electronics & Instrumentation Engineering

Learning Outcome

1: Recognize the evolution and history of units and standards in Measurements.

2: Identify the various parameters that are measurable in electronic instrumentation.

3: Employ appropriate instruments to measure given sets of parameters.

Trainer(s)

Dr. KAMALIKA TIWARI, AP, EE Dept,

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

Attendance Percentage

82 %

Pass Percentage

93 %

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VAC Coordinator Asansol Engineering College



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Date: 04.09.2019

Report on Value Added Course

Training Topic : MATLAB BASICS

Training Date : 26.08.2019 - 30.08.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 20

Year / Semester : 3rd Year / 5th Sem

Mode of Training : Offline

Stream : Applied Electronics & Instrumentation Engineering

Learning Outcome :

1. Importing from spreadsheets and delimited text files

2. Dealing with missing data

3. Plotting functions.4. Customizing plots

Trainer(s) : Kaushik Sarkar, AP, ECE Dept, Narula Institute of

Technology, Agarpara, Kolkata

Attendance Percentage : 83 % Pass Percentage : 96 %

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Date: 14.01.2020

Report on Value Added Course

Training Topic

: PLC/SCADA

Training Date

02.01.2020 -10.01.2020

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (**30 Hrs.**)

No of Participants

15

Year / Semester

Mode of Training

4.5

:

4th Year/8th Semester

Stream

Offline

:

Applied Electronics & Instrumentation Engineering

Learning Outcome

1. Create and design new automation model by using PLC programming logic.

2. Interface external peripheral by using SCADA software.

Trainer(s)

Mr. Joydeep Nath, Senior Software Engineer in Micropro

Attendance Percentage

90 %

Pass Percentage

94 %

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Date: 30.07.2019

Report on Value Added Course

Training Topic : Revit Architecture

Training Date : 22.07.2019 - 26.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 38

Year / Semester : 2nd/ 3rd sem

Mode of Training : Offline

Stream : Civil Engineering

Learning Outcome

- 1. Student will learn to develop higher-quality, more accurate architectural designs; use tools specifically built to support Building Information Modeling workflows.
- 2. Studentsts will learn to capture and analyze concepts, and maintain your vision through design, documentation, and construction.
- 3. Students will learn to do building element energy analysis; use the API to perform pipe/duct calculations; perform static analysis from the cloud; create/manage the structural analytical model; automatically update your model with analysis results; and improve BIM-based building performance workflows.

Trainer(s) : Mrs. Sweta Sinha Chowdhury

(Co-founder, Amitey Computer Academy)

Attendance Percentage : 81 %
Pass Percentage : 91 %

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Date: 04.09.2019

Report on Value Added Course

Training Topic : STAAD Pro.

Training Date : 26.08.2019 - 30.08.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 24

Year / Semester : 3rd/5th sem

Mode of Training : Offline

Stream : Civil Engineering

Learning Outcome

1. Able to complete object-oriented instinctive 2D/3D graphic model generation.

2. Will learn to use pull-down menus, tool-tip help, and floating toolbars.

3. Will be able for carrying out flexible zooms and multiple views.

Trainer(s) : Mrs. Sweta Sinha Chowdhury

(Co-founder, Amitey Computer Academy)

Attendance Percentage : 84 %

Pass Percentage : 91 %

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Date: 31.03.2020

Report on Value Added Course

Training Topic : STAAD Pro.

Training Date : 23.03.2020 - 27.03.2020

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 25

Year / Semester : 4th/8th sem

Mode of Training : Online

Stream : Civil Engineering

Learning Outcome

- 1. Able to complete object-oriented instinctive 2D/3D graphic model generation.
- 2. Will learn to use pull-down menus, tool-tip help, and floating toolbars.
- 3. Will be able for carrying out flexible zooms and multiple views.

Trainer(s): Mrs. Sweta Sinha Chowdhury (Co-founder, Amitey Computer

Academy)

Attendance Percentage : 88 % Pass Percentage : 97 %

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Date: 02.07.2019

Report on Value Added Course

Training Topic

Circuit Design & Analysis using MULTISIM

Training Date

Type of Training (s)

Value Added Course

24.06.2019 - 28.06.2019

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

44

Year / Semester

2nd year/ 3rd Semester

Mode of Training

Offline

Stream

Electronics and Communication Engineering

Learning Outcome

doped Calculate the major physical parameters 1. semiconductors and pn-junctions.

2. Analyze (calculate voltages and currents) simple diode circuits

using different diode models.

3. Design different types of rectifier circuits and analyze them (find

voltages, currents and sketch their time graphs)

Trainer(s)

Dr. Soumya Pandit

Attendance Percentage

88 %

Pass Percentage

94 %

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Date: 09.07.2019

Report on Value Added Course

Training Topic : Fundamentals of MATLAB

Training Date : 01.07.2019 - 05.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 44

Year / Semester : 2nd year / 3rd Semester

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome :

1. Use MATLAB effectively to analyze and visualize data.

2. Apply numeric techniques and computer simulations to

solve engineering-related problems.

3. Apply a top-down, modular, and systematic approach to

design, write, test, and debug

sequential MATLAB programs to achieve computational

objectives.

Trainer(s) : Mr. Jaydeep Nath

Attendance Percentage : 91 % Pass Percentage : 92 %

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Date: 16.07.2019

Report on Value Added Course

Training Topic : Circuit Design & Analysis using MULTISIM

Training Date : 08.07.2019 - 12.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 44

Year / Semester : 2nd year / 3rd Semester

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome

1. Calculate the major physical parameters in doped semiconductors and pn-junctions.

2. Analyze (calculate voltages and currents) simple diode circuits using different diode models.

3. Design different types of rectifier circuits and analyze them (find voltages, currents and sketch their time graphs)

Trainer(s) : Dr. Soumya Pandit

Attendance Percentage : 80 % Pass Percentage : 93 %

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Date: 30.06.2019

Report on Value Added Course

Training Topic : VLSI design with EDA Tools

Training Date : 24.06.2019 - 28.06.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 45

Year / Semester : 3rd Year, 5th Sem

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome

1: Understand, characterize & analyze discrete-time signals and systems in time domain.

2: Analyze discrete-time signals and LTI discrete-time systems in transform domain.

3: Design and implement FIR and IIR digital filters using different methods.

Trainer(s) : Dr. Soumya Pandit

Attendance Percentage : 89 %
Pass Percentage : 96 %

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Date: 09.07.2019

Report on Value Added Course

Training Topic : Introduction to EM Simulation Tools (ANSYS HFSS)

Training Date : 01.07.2019 - 05.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 45

Year / Semester : 3rd Year, 5th Sem

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome

Ansys HFSS 3D electromagnetic simulation software for designing and simulating high-frequency electronic products such as antennas, PCBs, IC packages, etc.

Trainer(s) : Dr. Sushrut Das, IIT ISM Dhanbad

Attendance Percentage : 82 % Pass Percentage : 92 %

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Date: 16.07.2019

Report on Value Added Course

Training Topic : VLSI design with EDA Tools

Training Date : 08.07.2019 - 12.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 44

Year / Semester : 3rd Year, 5th Sem

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome :

1: Understand, characterize & analyze discrete-time signals and

systems in time domain.

2: Analyze discrete-time signals and LTI discrete-time systems in

transform domain.

3: Design and implement FIR and IIR digital filters using different

methods.

Trainer(s) : Dr. Soumya Pandit

Attendance Percentage : 93 % Pass Percentage : 97 %

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Date: 30.06.2019

Report on Value Added Course

Training Topic : Neural Network and Fuzzy Control

Training Date : 24.06.2019 - 28.06.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 45

Year / Semester : 4th Year / 7th Sem

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome :

1: Comprehend the concepts of feed forward neural networks

2: Analyze the various feedback networks.

3: Understand the concept of fuzziness involved in various systems

and fuzzy set theory.

Trainer(s) : Dr. Rik Das

Attendance Percentage : 90 %
Pass Percentage : 97 %

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Date: 09.07.2019

Report on Value Added Course

Training Topic : Radar & Microwave Engineering

Training Date : 01.07.2019 - 05.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 44

Year / Semester : 4th Year / 7th Sem

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome

1. Explain different types of waveguides and their respective

modes of propagation.

2. Analyze typical microwave networks using impedance,

admittance, transmission

and scattering matrix representations.

3. Design microwave matching networks using L section, single

and double stub

and quarter wave transformer.

Trainer(s) : Dr. Sushrut Das, IIT ISM Dhanbad

Attendance Percentage : 83 % Pass Percentage : 91 %

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Date: 15.07.2019

Report on Value Added Course

Training Topic : Neural Network and Fuzzy Control

Training Date : 08.07.2019 - 12.07.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 46

Year / Semester : 4th Year / 7th Sem

Mode of Training : Offline

Stream : Electronics and Communication Engineering

Learning Outcome :

1: Comprehend the concepts of feed forward neural networks

2: Analyze the various feedback networks.

3: Understand the concept of fuzziness involved in various

systems and fuzzy set theory.

Trainer(s) : Dr. Rik Das

Attendance Percentage : 85 %

Pass Percentage : 94 %

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Date: 03.01.2020

Report on Value Added Course

Training Topic : Electrical Instillations

Training Date : 26.12.2019 - 31.12.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) :

5 Days (30 Hrs.)

No of Participants : 56

Year / Semester : 1st year, 1st sem

Mode of Training : Offline

Stream : Electrical Engineering

Learning Outcome

1. Differentiate between the various types and sizes of cables used in residentialelectrical installations and be able to select the appropriate cable for a particular application.

2.Perform basic practical competencies in electrical installation including stripping of conductors, bending of conduits, installation of trunking, wiring of plugs and outlets.

Trainer(s) : Dr. Chandan Kumar Chanda (Professor, Department of

Electrical Engineering, Indian Institute of Engineering

Science and Technology)

Attendance Percentage : 82 %

Pass Percentage : 91 %

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Date: 03.01.2020

Report on Value Added Course

Training Topic : Electrical Instillations

Training Date : 26.12.2019 - 31.12.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 55

Year / Semester : 1st year, 1st sem

Mode of Training : Offline

Stream : Electrical Engineering

Learning Outcome

1. Differentiate between the various types and sizes of cables used in residentialelectrical installations and be able to select the appropriate cable for a particular application.

2.Perform basic practical competencies in electrical installation including stripping of conductors, bending of conduits, installation of trunking, wiring of plugs and outlets.

Trainer(s) : Er. Shyamal Karmakar, Delta Electric, Asansol

Attendance Percentage : 80 % Pass Percentage : 94 %

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<u>Date: 03.01.2020</u>

Report on Value Added Course

Training Topic : Autocad for Electrical engineers

Training Date : 26.12.2019 - 31.12.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 57

Year / Semester : 2nd year / 3rd sem

Mode of Training : Offline

Stream : Electrical Engineering

Learning Outcome

The AutoCAD Electrical course will focus on the overview of AutoCAD Electrical with an emphasis on naming conventions, the use of symbols and their libraries, generation and insertion of PLC layout modules, and organisation of PLC database files.

Trainer(s) : Er. Arindam Chatterrjee, Pinnacle Infoech, Bidhannagar,

Durgapur

Attendance Percentage : 93 % Pass Percentage : 97 %

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Date: 03.01.2020

Report on Value Added Course

Training Topic : Autocad for Electrical engineers

Training Date : 26.12.2019 - 31.12.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 59

Year / Semester : 2nd year / 3rd sem

Mode of Training : Offline

Stream : Electrical Engineering

Learning Outcome :

The AutoCAD Electrical course will focus on the overview of AutoCAD Electrical with an emphasis on naming conventions, the use of symbols and their libraries, generation and insertion of PLC layout modules, and organisation of PLC database files.

Trainer(s) : Er. Jagannath Dalapati, Pinnacle Infoech,

Bidhannagar, Durgapur

Attendance Percentage : 80 %

Pass Percentage : 93 %

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Date: 30.06.2020

Report on Value Added Course

Training Topic : IoT & Its application in Electrical Engineering

Training Date : 22.06.2020 - 26.06.2020

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 57

Year / Semester : 2nd year/4th sem

Mode of Training : Online

Stream : Electrical Engineering

30.06.20

Learning Outcome

1. Understand the basics of IoT.

2. Implement the state of the Architecture of an IoT.

3. Understand design methodology and hardware platforms involved in IoT.

Trainer(s) : Mr. Samarjit Roy, Asst. Prof., D Y Patil University

Attendance Percentage : 95 % Pass Percentage : 93 %

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Date: 30.06.2020

Report on Value Added Course

Training Topic : IoT & Its application in Electrical Engineering

Training Date : 22.06.2020 - 26.06.2020

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 59

Year / Semester : 2nd year/4th sem

Mode of Training : Online

Stream : Electrical Engineering

Learning Outcome

- 1. Understand the basics of IoT.
- 2. Implement the state of the Architecture of an IoT.
- 3. Understand design methodology and hardware platforms involved in IoT.

Trainer(s) : Mr. Tamal Mandal, Asst. Prof., Symbiosis International

University

Attendance Percentage : 91 %

Pass Percentage : 95 %

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Date: 03.01.2020

Report on Value Added Course

Training Topic : MATLAB & Its application in Electrical Engineering

Training Date : 26.12.2019 - 31.12.2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 65

Year / Semester : 3rd Year, 5th semester

Mode of Training : Offline

Stream : Electrical Engineering

Learning Outcome

The application of MATLAB software in electrical engineering and its automation from different aspects. The process of teaching activities of electrica engineering and its automation involves knowledge of various subjects.

Trainer(s) : Dr. G. R. Udupi, Professor, SGBIT, Belgaum

Attendance Percentage : 84 % Pass Percentage : 96 %

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<u>Date:</u> 03.01.2020

Report on Value Added Course

Training Topic

MATLAB & Its application in Electrical Engineering

Training Date

26.12.2019 - 31.12.2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

65

Year / Semester

3rd Year, 5th semester

Mode of Training

Offline

Stream

Electrical Engineering

Learning Outcome

The application of MATLAB software in electrical engineering and

its automation from different aspects. The process of teaching activities of electrical engineering and its automation involves

knowledge of various subjects.

Trainer(s)

Md Irfan Khan

Regional Manager ASEAN, Supreme and Co. Pvt. Ltd

Attendance Percentage

87 %

Pass Percentage

91 %

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Date: 30.06.2020

Report on Value Added Course

Training Topic

: PLC

Training Date

22.06.2020 - 26.06.2020

Type of Training (s) :

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

65

Year / Semester

3rd Year, 6th semester

Mode of Training

Online

Stream

Electrical Engineering

Learning Outcome

•

Students will be able to explain the basic concepts of a Programmable Logic Controller. Students will be able to state basic PLC terminology and their meanings. Students will be able to explain and apply the

concept of electrical ladder logic.

Trainer(s)

Er. Partha Halder, Wissen Zentrum Technologies

Attendance Percentage

84 %

Pass Percentage

94 %

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Date: 30.06.2020

Report on Value Added Course

Training Topic

PLC

Training Date

22.06.2020 - **26.06.2**02**0**

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

65

:

Year / Semester

ear / Semester

3rd Year, 6th semester

Mode of Training

Online

Stream

Electrical Engineering

Learning Outcome

Students will be able to explain the basic concepts of a Programmable Logic Controller.

Students will be able to state basic PLC terminology and their meanings. Students will be able to explain and apply the concept of electrical ladder logic,

Trainer(s)

Er. Somnath Naskar, Wissen Zentrum Technologies

Attendance Percentage

92 %

Pass Percentage

*9*5 %

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Date: 14.01.2020

Report on Value Added Course

Training Topic

: Progr

:

:

Programming Concept using Pseudo Code

Training Date

06.01.2020 - 10.01.2020

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

635

Year / Semester

1st Yr 2nd Sem

Mode of Training

Offline

Stream

All B. Tech students and MCA students

Learning Outcome

- 1. it can be quickly and easily converted into an actual programming language as it is similar to a programming language.
- 2. it is fairly easy to understand, even for non-programmers.
- 3. it does not matter if there are errors in the syntax it is usually still obvious what is intended.

Trainer(s)

Ayan Roy Mukherjee (Micro - Pro)

Mahendra Dutta (Freelancer)

Anindya Banerjee (Totsol Technology) Arnav Chakraborty (Totsol Technology)

Rajeev Das (Freelancer)

Suvendu Das (Totsol Technology)

Saikat Chakraborty (Totsol Technology) Debojyoti Majumder (Totsol Technology) Chandan Mukherjee (Totsol Technology)

Attendance Percentage

83 %

Pass Percentage

96 %

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Date: 14.01.2019

Report on Value Added Course

Training Topic

: Advo

Advanced C programming

Training Date

:

Type of Training (s)

06.01.2020 - 10.01.2020

Type of Truining (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

238

Year / Semester

250

2 nd Year 4 th SEM

Mode of Training

Offline

Stream

0,,,,,,,

Computer Science and Engineering,

Information Technology

Learning Outcome

:

1. Develop a C program

2. Control the sequence of the program and give logical outputs

3. Implement strings in your C program

Trainer(s)

Mr.Gyanendra (Talentio) Ms. Priyanka, Mr. Arnav

Chakroborty, Mr. Debashis Sarbidhakry (Ardent)

Attendance Percentage

89 %

89 %

Pass Percentage

94 %

VAC Coordinator Asansol Engineering College



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Date: 12.02.2020

Report on Value Added Course

Training Topic

Cloud Computing

Training Date

04.02.2020 - 08.02.2020

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

Mode of Training

216

Year / Semester

4th Year/8th SEM

Stream

Online

Technology

:

:

Computer Science and Engineering, Information

Learning Outcome

1. Identify resource management fundamentals, i.e. resource abstraction, sharing and sandboxing and outline their role in

managing infrastructure in cloud computing.

2. Analyze various cloud programming models and apply them

to solve problems on the cloud.

Trainer(s)

Mr.Avijit Aich (Ingram Micro),

Arnav Chakroborty (Ttotsol Technology),

Mr. Gyanendra (Talentio), Mr. Mahendra (ARDENT)

Attendance Percentage

93 %

Pass Percentage

91 %

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Date: 29.04.2020

Report on Value Added Course

Training Topic

:

ML with Pyhon

Training Date

15.07.2019 - 20.07.2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

12

Year / Semester

3RD YEAR/5 TH SEM

Mode of Training

Online

Stream

Master of Computer Application

Learning Outcome

- 1. Appreciate the breadth & depth of ML applications and use cases in real-world scenarios.
- 2. Import and wrangle data using Python libraries and divide them into training and test datasets
- 3. Data preprocessing techniques, Univariate and Multivariate analysis, Missing values and outlier treatment etc

Trainer(s)

Arnab Ckakraborty, Totsol Technologies

Attendance Percentage

91 %

Pass Percentage

93 %

VAC Coordinator Asansol Engineering College ,

E-Mail: principal office@aecwb.edu.in

Phone: + 91 341 225 3057



AICTE Approved: MAKAUT Affiliated; UGC (2f) Recognised Kanyapur, Vivekananda Sarani, Asansol Pashchim Bardhaman, WB, PIN - 713 305

Date: 20.01.2020

Report on Value Added Course

Training Topic

: Advanced C programming

Training Date

13-01-2020 to 17-01-2020

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (**30 Hrs**.)

No of Participants

24

Year / Semester

2nd Year 4th Sem

Mode of Training

Offline

Stream

Master of Computer Application

Learning Outcome

- 1. Develop a C program
- 2. Control the sequence of the program and give logical outputs
- 3. Implement strings in your C program

Trainer(s)

Arnab Ckakraborty, Totsol Technologies

Attendance Percentage

86 %

Pass Percentage

97 %

20.01.22

VAC Coordinator Asansol Engineering College



AICTE Approved: MAKAUT Affiliated; UGC (2f) Recognised Kanyapur, Vivekananda Sarani, Asansol Pashchim Bardhaman, WB, PIN - 713 305

Date: 04.01.2020

Report on Value Added Course

Training Topic

: SCADA

Training Date

26.12.2019 - 31.12.2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

58

Year / Semester

4th year -- 7th sem

Mode of Training

Offline

Stream

Electrical Engineering

Learning Outcome

1: Understand basics of SCADA systems and its various

functions.

2: Acquire knowledge regarding SCADA System Components

and Programmable Logic Controller (PLC).

3: Explore Various SCADA architectures, advantages and

disadvantages.

Trainer(s)

Prof. Chetan Kudale, SGBIT, Belgaum

Attendance Percentage

84 %

Pass Percentage

92 %

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Date: 04.01.2020

Report on Value Added Course

Training Topic

SCADA

Training Date

26.12.2019 - 31.12.2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

57

Year / Semester

4th year -- 7th sem

Mode of Training

Offline

Stream

Electrical Engineering

Learning Outcome

1: Understand basics of SCADA systems and its various functions.

2: Acquire knowledge regarding SCADA System Components and

Programmable Logic Controller (PLC).

3: Explore Various SCADA architectures, advantages and

disadvantages.

Trainer(s)

Prof. Basavraj Hugar, SGBIT,Belgaum

Attendance Percentage

83 %

Pass Percentage

95 %

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Asansol Engineering College

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AICTE Approved MAKAUT Affiliated; UGC (2f) Recognised Kanyapur, Vivekananda Sarani, Asansol Pashchim Bardhaman, WB, PIN - 713 305

Date: 30.06.2020

Report on Value Added Course

Training Topic

Smart Grid

Training Date

22.06.2020 - 26.06.2020

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

58

Year / Semester

4th year -- 8th sem

Mode of Training

Online

Stream

Electrical Engineering

Learning Outcome

1. Develop concepts of smart grid technologies in hybrid electrical vehicles etc.

Understand smart substations, feeder automation, GIS etc.

3. Analyse micro grids and distributed generation systems.

Trainer(s)

Er. Arnab Sarkar, is Associate Vice President, Consulting

Ernst & Young LLP(EY)

Attendance Percentage

85 %

Pass Percentage

91 %

par 30.06.20

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Date: 30.06.2020

Report on Value Added Course

Training Topic : Smart Grid

Training Date : 22.06.2020 - 26.06.2020
Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 57

Year / Semester : 4th year -- 8th sem

Mode of Training : Online

Stream : Electrical Engineering

Learning Outcome

1. Develop concepts of smart grid technologies in hybrid electrical vehicles etc.

2. Understand smart substations, feeder automation, GIS etc.

30.06.20

3. Analyse micro grids and distributed generation systems.

Trainer(s) : Dr. Sandip Chadra, HOD, Narula Institute of Technology

Attendance Percentage : 87 % Pass Percentage : 93 %

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Date: 10-Jul-19

Report on Value Added Course

Training Topic

Industrial Safety

Training Date

03/07/2019 - 07/07/2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

72

Year / Semester

2nd year / 3rd Sem

Mode of Training

Offline

Stream

Mechanical Engineering

Learning Outcome

- 1. Knows about various measuring instruments and house wiring.-
- 2. He can explain the basic theorems used in Electrical circuits and the different components and function of electrical machines.
- 3. He can explain the fundamentals of semiconductor and applications.

Trainer(s)

J.N.Kumar, Industrial Safety Products Pvt Ltd., Kolkata

Attendance Percentage

87 %

Pass Percentage

97 %

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Date: 02.01.2020

Report on Value Added Course

Training Topic : Non-Destructive Testing

Training Date : 23/12/2019 - 28/12/2019
Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 72

Year / Semester : 2nd year / 4th Sem

Mode of Training : Offline

Stream : Mechanical Engineering

Learning Outcome

1: Apply the various NDT techniques to identify the defects

2: Select the suitable NDT techniques for various defects

3: Identifying the nature and quantifying the defects

4: Understand the instruments and interpretation on techniques

Trainer(s) : Abhijit De, Sagnik NDE, Kolkata

Attendance Percentage : 83 % Pass Percentage : 91 %

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Date: 10-Jul-19

Report on Value Added Course

Training Topic : Working with Solid Works
Training Date : 03/07/2019 - 07/07/2019

Training Date : 03/07/2019 - 07/07/2019
Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)

No of Participants : 64

Year / Semester : 3rd year, 5th Semester

Mode of Training : Offline

Stream : Mechanical Engineering

Learning Outcome

- 1. Demonstrate competency with multiple drawing and modification commands in SolidWorks.
- 2. Create three-dimensional solid models.
- 3. Create three-dimensional assemblies incorporating multiple solid models.

Trainer(s) : Debonil Aich, PELF Infotech , Kolkata

Attendance Percentage : 93 % Pass Percentage : 91 %

VAC Coordinator Asansol Engineering College



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Date: 02.01.2020

Report on Value Added Course

Training Topic : Electric Vehicle: Technology of the Present and Future

Training Date : 23/12/2019 - 28/12/2019

Type of Training (s) : Value Added Course

Duration (Days / Hrs.) : 5 Days (30 Hrs.)
No of Participants : 73

Year / Semester : 3rd year, 6th Semester

Mode of Training : Offline

Stream : Mechanical Engineering

Learning Outcome

1: Understand the Electric components in detail.

2: Apply controls of different motors for drive system efficiency.

3: Understand various Energy storage devices including the Hybridization.

Trainer(s) : Kajol Shikdar, Logicap Next gen Technology

Attendance Percentage : 81 % Pass Percentage : 95 %

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Date: 10-Jul-19

Report on Value Added Course

Training Topic

Metal Additive Manufacturing

Training Date

03/07/2019 - 07/07/2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

68

Year / Semester

4th year, 7th Sem

Mode of Training

Offline

Stream

Mechanical Engineering

Learning Outcome

- 1. Categorisation of AM processes
- 2. Introduction to metal based AM processes
- 3. Working principle of Direct energy deposition methods

:

Trainer(s)

Kazi Neel, 4DSimulation, Adroitec information systems pvt

Itd.

Attendance Percentage

88 %

Pass Percentage

91 %

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Date: 02.01.2020

Report on Value Added Course

Training Topic

Project Management

Training Date

23/12/2019 - 28/12/2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

Year / Semester

4th year, 8th Sem

Mode of Training

Offline

Stream

Mechanical Engineering

Learning Outcome

- 1. Students will be able to describe a project life cycle, and can skillfully map each stage in the
- 2. Students will identify the resources needed for each stage, including involved stakeholders, tools and supplementary materials
- 3. Students will describe the time needed to successfully complete a project, considering factors such as task dependencies and task lengths

Trainer(s)

Dhiman Chatterjee, Albatross Syetems, kolkata

Attendance Percentage

90 %

Pass Percentage

91 %

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Date: 13-11-2019

Report on Value Added Course

Training Topic

Core Java

Training Date

05/11/2019 to 09-11-2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

46

:

:

:

Year / Semester

3RD YEAR/6TH SEM

Mode of Training

Stream

Offline

Computer Science and Engineering, Information

Technology

Learning Outcome

1. Students should be able to: Use an integrated development environment to write, compile, run, and test simple object-oriented Java programs.

Trainer(s)

Mr. Ayan Roy Mukherjee (Micropro.)

Attendance Percentage

91 %

Pass Percentage

95 %

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Phone. + 91 341 225 3057

E-Mail: principal office@aecwb.edu.in



AICTE Approved MAKAUT Affiliated, UGC (2f) Recognised Kanyapur, Vivekananda Sarani, Asansol Pashchim Bardhaman, WB, PIN - 713 305

Date: 13-11-2019

Report on Value Added Course

Training Topic

: Python Data Structure

Training Date

05-11-2019 to 09-11-2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

101

Year / Semester

3RD YEAR/6TH SEM

Mode of Training

Offline

Stream

:

:

Computer Science and Engineering , Information

Technology

Learning Outcome

- 1. Understand data structures and algorithms in computer science perspectives
- 2. Understand algorithms analysis procedure, space and time complexity of various algorithms
- 3. Understand how to use existing data structures and algorithms found in python's libraries

Trainer(s)

Mr. Gyanendra (Talentio) Mr.Mahendra (Ardent)

Attendance Percentage

87 %

Pass Percentage

94 %

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Date: 12-11-2019

Report on Value Added Course

Training Topic

Competitive Coding

Training Date

05-11-2019 to 09-11-2019

Type of Training (s)

Value Added Course

Duration (Days / Hrs.)

5 Days (30 Hrs.)

No of Participants

57

Year / Semester

3RD YEAR/6TH SEM

Mode of Training

Offline

Stream

Computer Science and Engineering,

Information Technology

Learning Outcome

1. Higher-quality work.

2. The ability to deliver results under pressure.

3. The ability to better self-assess and rate others' work.

4. New ways of solving problems, and the ability to solve more

complex problems.

Trainer(s)

Ms. Priyanka (Talentio)

Attendance Percentage

89 %

Pass Percentage

91 %

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