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Kanyapur, Vivekananda Sarani, Asansol
Pashchim Bardhaman, WB, PIN - 713 305

Date: **12.01.2018**

Report on Value Added Course

Training Topic	:	***Web Development using AWS***
Training Date	:	***05.02.2018 - 09.02.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***203***
Year / Semester	:	***4th year/ 8th Sem***
Mode of Training	:	***Offline***
Stream	:	***Computer Science and Engineering , Information Technology***

Learning Outcome :

1. *Build a simple end-to-end cloud application using AWS Software Development Kits (AWS SDKs), Command Line Interface (AWS CLI), and IDEs*
2. *Configure AWS Identity and Access Management (IAM) permissions to support a development environment*
3. *Use multiple programming patterns in your applications to access AWS services*

Trainer(s)	:	*Mr. Joyjit Guha Biswas , Mr.Mahendra (Ardent), Mr. Ashok Jaiswa*
Attendance Percentage	:	***85 %***
Pass Percentage	:	***95 %***

12.01.18

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Date: ***20.02.2018***

Report on Value Added Course

Training Topic	:	***Advanced Data Structure***
Training Date	:	***13.02.2018 - 17.02.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***13***
Year / Semester	:	***2nd/ 4th Sem***
Mode of Training	:	***Offline***
Stream	:	***Master of Computer Application***

Learning Outcome :

1. Be able to understand and analyse some fundamental data structures, such as binary search trees, disjoint sets, and self-adjusting lists.

2. Understand the implementation and complexity analysis of fundamental algorithms such as RSA, primality testing, max flow, discrete Fourier transform.

Trainer(s)	:	*Mr. Saikat Chakraborty (Freelancer)*
Attendance Percentage	:	***94 %***
Pass Percentage	:	***95 %***

20.02.18

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*Date: **10.01.2018***

Report on Value Added Course

Training Topic	:	***Programming Concept using Pseudo Code***
Training Date	:	***02.01.2018 - 06.01.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***594***
Year / Semester	:	***1 st 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) : *Mr. Anindya Banerjee (Totsol Technologies),*
Saikat Chakraborty, (Freelancer),
Debojyoti Majumder (ARDENT ComputechPvt. Ltd)
Rajeev Das (Freelancer)
Suvendu Das (Totsol Technology)
Chandan Mukherjee (Totsol Technology)
Jyoti Guha Biswas (Ar

Attendance Percentage	:	***89 %***
Pass Percentage	:	***97 %***

10.01.18

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Date: **20.02.2018**

Report on Value Added Course

Training Topic	:	***Web Development using AWS***
Training Date	:	***12.02.2018 - 16.02.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***15***
Year / Semester	:	***3rd/6th Sem***
Mode of Training	:	***Offline***
Stream	:	***Master of Computer Application***

Learning Outcome :

1. *Build a simple end-to-end cloud application using AWS Software Development Kits (AWS SDKs), Command Line Interface (AWS CLI), and IDEs*
2. *Configure AWS Identity and Access Management (IAM) permissions to support a development environment*
3. *Use multiple programming patterns in your applications to access AWS services*

Trainer(s)	:	*Mr. Mahendra (ARDENT)*
Attendance Percentage	:	***86 %***
Pass Percentage	:	***97 %***

20.02.18

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Date: **25.06.2018**

Report on Value Added Course

Training Topic	:	***Smart Grid***
Training Date	:	***18.06.2018 - 22.06.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***54***
Year / Semester	:	***4th/ 8th sem***
Mode of Training	:	***Offline***
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. 3. Analyse micro grids and distributed generation systems.

Trainer(s)	:	*Er. Arnab Sarkar, is Associate Vice President, Consulting Ernst & Young LLP(EY)*
Attendance Percentage	:	***94 %***
Pass Percentage	:	***91 %***

25.06.18

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Date: **10-Jul-17**

Report on Value Added Course

Training Topic	:	***Industrial Safety***
Training Date	:	***03/07/2017 - 07/07/2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***74***
Year / Semester	:	***2nd / 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	:	***80 %***
Pass Percentage	:	***93 %***

10.07.17

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***Non-Destructive Testing***
Training Date	:	***26/12/2017 - 30/12/2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***74***
Year / Semester	:	***2nd / 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	:	***84 %***
Pass Percentage	:	***93 %***

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Date: **10-Jul-17**

Report on Value Added Course

Training Topic	:	***Working with Solid Works***
Training Date	:	***03/07/2017 - 07/07/2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***74***
Year / Semester	:	***3rd / 5th Sem***
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	:	***81 %***
Pass Percentage	:	***96 %***

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***Electric Vehicle: Technology of the Present and Future***
Training Date	:	***26/12/2017 - 30/12/2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***73***
Year / Semester	:	***3rd /6th Sem***
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	:	***95 %***
Pass Percentage	:	***94 %***

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Date: **10-Jul-17**

Report on Value Added Course

Training Topic	:	***Metal Additive Manufacturing***
Training Date	:	***03/07/2017 - 07/07/2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***65***
Year / Semester	:	***4th / 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 ltd.*
Attendance Percentage	:	***86 %***
Pass Percentage	:	***96 %***

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***Project Management***
Training Date	:	***26/12/2017 - 30/12/2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***65***
Year / Semester	:	***4th/ 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 cycle
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	:	***81 %***
Pass Percentage	:	***93 %***

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Date: **21.07.2017**

Report on Value Added Course

Training Topic	:	***Introduction to Python***
Training Date	:	***02.01.2018 - 06.01.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***216***
Year / Semester	:	***2nd/ 4th Sem***
Mode of Training	:	***Offline***
Stream	:	***Computer Science and Engineering , Information Technology***

Learning Outcome :

1. *Understand and use variables.*
2. *Work with common Python data types like integers, floats, strings, characters, lists, dictionaries, as well as pandas DataFrames.*
3. *Use basic flow control, including for loops and conditionals.*

Trainer(s) : *Mr. Joyjit Guha Biswas,Mr.Mahendra (Ardent), Mr. Avijit Aich (Ingram micro), Saikat Chakraborty, (Freelancer)*

Attendance Percentage : ***91 %***

Pass Percentage : ***91 %***

21.07.17

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Date: **15.01.2018**

Report on Value Added Course

Training Topic	:	***Python Data Structure***
Training Date	:	***08.01.2018 - 12.01.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***210***
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.Mahendra (Ardent), Mr. Ashok Jaiswal, Avijit Aich(Ingram micro), Saikat Chakraborty, (Freelancer)*

Attendance Percentage : ***85 %***

Pass Percentage : ***94 %***

15.01.18

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***Autocad for Electrical engineers***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***55***
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	:	***85 %***
Pass Percentage	:	***96 %***

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Date: **26.06.2018**

Report on Value Added Course

Training Topic	:	***IoT & Its application in Electrical Engineering***
Training Date	:	***18.06.2018 - 22.06.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***60***
Year / Semester	:	***2nd Year/ 4th sem***
Mode of Training	:	***Offline***
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. Samarjit Roy, Asst. Prof. , D Y Patil University*
Attendance Percentage	:	***84 %***
Pass Percentage	:	***92 %***

26.06.18

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Date: **26.06.2018**

Report on Value Added Course

Training Topic	:	***IoT & Its application in Electrical Engineering***
Training Date	:	***18.06.2018 - 22.06.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***55***
Year / Semester	:	***2nd Year/ 4th sem***
Mode of Training	:	***Offline***
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	:	***93 %***
Pass Percentage	:	***94 %***

26.06.18

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***MATLAB & Its application in Electrical Engineering***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***54***
Year / Semester	:	***3rd/ 5th sem***
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)	:	*Dr. G. R. Udupi, Professor, SGBIT, Belgaum*
Attendance Percentage	:	***93 %***
Pass Percentage	:	***97 %***

02.01.18

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***MATLAB & Its application in Electrical Engineering***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***51***
Year / Semester	:	***3rd/ 5th sem***
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 : ***90 %***
Pass Percentage : ***96 %***

02.1.2018

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Date: **25.06.2018**

Report on Value Added Course

Training Topic	:	***PLC***
Training Date	:	***18.06.2018 - 22.06.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***54***
Year / Semester	:	***3rd /6th sem***
Mode of Training	:	***Offline***
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	:	***89 %***
Pass Percentage	:	***94 %***

25.06.18

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Date: **25.06.2018**

Report on Value Added Course

Training Topic	:	***PLC***
Training Date	:	***18.06.2018 - 22.06.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***51***
Year / Semester	:	***3rd /6th sem***
Mode of Training	:	***Offline***
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	:	***89 %***
Pass Percentage	:	***95 %***

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Date: 02.01.2018

Report on Value Added Course

Training Topic	:	**SCADA**
Training Date	:	**26.12.2017 - 30.12.2017**
Type of Training (s)	:	**Value Added Course**
Duration (Days / Hrs.)	:	5 Days **(30 Hrs.)**
No of Participants	:	**54**
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	:	**83 %**
Pass Percentage	:	**95 %**

02.01.18

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***SCADA***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***53***
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	:	*86 %*
Pass Percentage	:	*97 %*

02.01.18

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Date: **25.06.2018**

Report on Value Added Course

Training Topic	:	***Smart Grid***
Training Date	:	***18.06.2018 - 22.06.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***53***
Year / Semester	:	***4th/ 8th sem***
Mode of Training	:	***Offline***
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. 3. Analyse micro grids and distributed generation systems.

Trainer(s)	:	*Dr. Sandip Chadra, HOD, Narula Institute of Technology*
Attendance Percentage	:	***93 %***
Pass Percentage	:	***92 %***

25.06.18

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Date: **17.07.2017**

Report on Value Added Course

Training Topic	:	***Circuit Design & Analysis using MULTISIM***
Training Date	:	***10.07.2017 - 14.07.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***45***
Year / Semester	:	***2nd / 3rd Sem***
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	:	***89 %***
Pass Percentage	:	***92 %***

17.07.17

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Date: **03.07.2017**

Report on Value Added Course

Training Topic	:	***VLSI design with EDA Tools***
Training Date	:	***26.06.2017 - 30.06.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***45***
Year / Semester	:	***5th Sem (2019 Batch A)***
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	:	***94 %***
Pass Percentage	:	***92 %***

03.07.17

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Date: **10.07.2017**

Report on Value Added Course

Training Topic	:	***Introduction to EM Simulation Tools (ANSYS HFSS)***
Training Date	:	***03.07.2017 - 07.07.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***45***
Year / Semester	:	***3rd / 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	:	***91 %***
Pass Percentage	:	***97 %***

10.07.17

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Date: **16.07.2017**

Report on Value Added Course

Training Topic	:	***VLSI design with EDA Tools***
Training Date	:	***10.07.2017 - 14.07.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***40***
Year / Semester	:	***3rd / 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	:	***95 %***

16.07.17

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Date: **03.07.2017**

Report on Value Added Course

Training Topic	:	***Neural Network and Fuzzy Control***
Training Date	:	***26.06.2017 - 30.06.2017***
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	:	***81 %***
Pass Percentage	:	***97 %***

03.07.17

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Date: **10.07.2017**

Report on Value Added Course

Training Topic	:	***Radar & Microwave Engineering***
Training Date	:	***03.07.2017 - 07.07.2017***
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. 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	:	***94 %***
Pass Percentage	:	***91 %***

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Date: **17.07.2017**

Report on Value Added Course

Training Topic	:	***Neural Network and Fuzzy Control***
Training Date	:	***10.07.2017 - 14.07.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***39***
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	:	***94 %***
Pass Percentage	:	***91 %***

17.07.17

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Date: **03.07.2017**

Report on Value Added Course

Training Topic	:	***Electrical Instllations***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***53***
Year / Semester	:	***1st/ 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 particularapplication.
2.Perform basic practical competencies in electrical installation including strippingof conductors, bending of conduits, installation of trunking, wiring of plugs andoutlets.

Trainer(s) : *Dr. Chandan Kumar Chanda (Professor, Department of Electrical Engineering, Indian Institute of Engineering Science and Technology)*
Attendance Percentage : ***91 %***
Pass Percentage : ***96 %***

03.07.17

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***Electrical Instllations***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***53***
Year / Semester	:	***1st/ 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 particularapplication.
2.Perform basic practical competencies in electrical installation including strippingof conductors, bending of conduits, installation of trunking, wiring of plugs andoutlets.

Trainer(s)	:	*Er. Shyamal Karmakar, Delta Electric, Asansol*
Attendance Percentage	:	***95 %***
Pass Percentage	:	***91 %***

02.01.18

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Date: **02.01.2018**

Report on Value Added Course

Training Topic	:	***Autocad for Electrical engineers***
Training Date	:	***26.12.2017 - 30.12.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***60***
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	:	***87 %***
Pass Percentage	:	***93 %***

02.01.18

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Date: **15.01.2018**

Report on Value Added Course

Training Topic	:	***Building Information Modelling***
Training Date	:	***08.01.2018 - 12.01.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***29***
Year / Semester	:	***3rd/ 5th sem***
Mode of Training	:	***Offline***
Stream	:	***Civil Engineering***

Learning Outcome :

1. *Be able to plan the use of BIM in Building projects and provide the right level of detail*
2. *Be able to comply legal and project collaboration requirements*
3. *Identify, describe and apply adequate modelling practices in view of intended uses for the models*

Capability to understand and perform BIM models for the specialties of Architecture, Structural Engineering and MEP Engineering

Trainer(s)	:	*Mrs. Sweta Sinha Chowdhury (Co-founder, Amitey Computer Academy)*
Attendance Percentage	:	***80 %***
Pass Percentage	:	***93 %***

15.01.18

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Date: ***20.02.2018***

Report on Value Added Course

Training Topic	:	***Revit Architecture***
Training Date	:	***12.02.2018 - 16.02.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***25***
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	:	***95 %***
Pass Percentage	:	***95 %***

20.02.18

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Date: **10.01.2018**

Report on Value Added Course

Training Topic	:	***Circuit Design & Analysis using MULTISIM***
Training Date	:	***02.01.2018 - 06.01.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***15***
Year / Semester	:	***2nd year 3rd sem***
Mode of Training	:	***Offline***
Stream	:	***Applied Electronics & Instrumentation 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)	:	*Aditya Mandal (Senior Engineer,Fusion Engineering)*
Attendance Percentage	:	***85 %***
Pass Percentage	:	***93 %***

10.01.18

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Date: **12.01.2018**

Report on Value Added Course

Training Topic	:	***PLC / SCADA***
Training Date	:	***02.01.2018 - 09.01.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***14***
Year / Semester	:	***4th Year/ 8th Sem***
Mode of Training	:	***Offline***
Stream	:	***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	:	***91 %***
Pass Percentage	:	***96 %***

12.01.18

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Date: **11.09.2017**

Report on Value Added Course

Training Topic	:	***MATLAB BASICS***
Training Date	:	***04.09.2017 - 08.09.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***22***
Year / Semester	:	***3rd/ 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	:	***85 %***
Pass Percentage	:	***94 %***

11.09.17

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Date: **18.09.2017**

Report on Value Added Course

Training Topic	:	***Fundamentals of Electronics and Instrumentation***
Training Date	:	***11.09.2017 - 15.09.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***13***
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 : ***92 %***

18.09.17

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Date: **26.03.2018**

Report on Value Added Course

Training Topic	:	***Fundamental and Technical Analysis***
Training Date	:	***19.03.2018 - 23.03.2018***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	
Year / Semester	:	***1st/ 2nd sem***
Mode of Training	:	***Offline***
Stream	:	***Civil Engineering***

Learning Outcome :

1. Understand the vocabulary and grammar of a trading floor
2. Experience the interactions between traders, sales, clients, brokers
3. Realize in a personal and lively way what it requires to be a trader, a sales, a structurer

Trainer(s)	:	*Mr. Sanjib Kumar Saha (Course Co-ordinator, Calcutta Wizard)*
Attendance Percentage	:	***94 %***
Pass Percentage	:	***93 %***

26.03.18

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Date: **15.08.2017**

Report on Value Added Course

Training Topic	:	***STAAD Pro.***
Training Date	:	***7.08.2017 - 11.08.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***24***
Year / Semester	:	***4th/ 8th 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	:	***87 %***
Pass Percentage	:	***96 %***

15.08.17

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Date: **03.07.2017**

Report on Value Added Course

Training Topic	:	***Circuit Design & Analysis using MULTISIM***
Training Date	:	***26.06.2017 - 30.06.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days (**30 Hrs.**)*
No of Participants	:	***45***
Year / Semester	:	***2ND year/ 3rd Sem***
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	:	***86 %***
Pass Percentage	:	***95 %***

03.07.17

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Date: **10.07.2017**

Report on Value Added Course

Training Topic	:	***Fundamentals of MATLAB***
Training Date	:	***03.07.2017 07.07.2017***
Type of Training (s)	:	***Value Added Course***
Duration (Days / Hrs.)	:	*5 Days* ***(30 Hrs.)***
No of Participants	:	***45***
Year / Semester	:	***2ND year/ 3rd Sem***
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	:	***90 %***
Pass Percentage	:	***94 %***

10.07.17

VAC Coordinator
Asansol Engineering College

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