



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

| | | |
|-------------|--------------------|-----|
| Criterion 1 | Curricular Aspects | 100 |
|-------------|--------------------|-----|

Key Indicator – 1.2 Academic Flexibility (30)

1.2.2 Number of Add on /Certificate/Value added programs offered during 2022-2023 academic year

Response:

1.2.2.1: Number of Add on /Certificate /Value added programs offered during 2022-2023 academic year: 10
Value added Certificate Programs

| Academic year | 2022-2023 |
|--|-----------|
| Number of Add on /Certificate programs offered | 10 |

TABLE OF CONTENTS- CIRCULAR, MODULES & REPORT

| Academic year | Name of the Department | No. of add on/certificate courses offered | Name of Add on /Certificate programs Offered | No. of students enrolled | No. of students completed | Page No. |
|---|------------------------|---|--|--------------------------|---------------------------|----------|
| 2022 - 2023 | Civil | 2 | CSI SAP2000 | 11 | 11 | 1-3 |
| | | | AUTODISK CIVIL 3D | 11 | 11 | 4-6 |
| | CSE | 2 | ROBOTICS AND AUTOMATION | 252 | 252 | 7-11 |
| | | | MACHINE LEARNING USING PYTHON | 252 | 252 | 12-16 |
| | ECE | 2 | ARTIFICIAL INTELLIGENCE | 62 | 62 | 17-20 |
| | | | ELECTRIC VEHICLE DESIGN | 62 | 62 | 21-24 |
| | EEE | 2 | WEARABLE TECHNOLOGY | 187 | 187 | 25-29 |
| | | | PCB DESIGNING | 187 | 187 | 30-34 |
| | S&H | 2 | COMMUNICATION ENGLISH | 274 | 274 | 35-41 |
| | | | FUNDAMENTALS OF MATHEMATICS | 274 | 274 | 42-49 |
| Total certificate courses offered in the academic year 2022-2023 | | 10 | Total No. of Students Enrolled in the Certificate Program | 786 | 786 | |

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DEPARTMENT OF CIVIL ENGINEERING

VALUE ADDED COURSE ON “CSI SAP 2000” (01/08/2022 to 05/08/2022)

27/07/2022

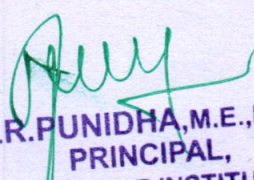
Submitted to the principal

Department of civil engineering of Bharathiyar institute of engineering for women is going to conduct a value added course on “CSI SAP2000” from **01/08/2022 to 05/08/2022 (Five days)** for Civil Engineering Students. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 2 members during the above mentioned five days.

Resource person:

Christal CADD Technology,
Mr. J.PASCAL FELIX,
Director,
R.K, Plaza, Near Bus Stand,
Vazhappadi, Salem – 636115.


HOD/CIVIL


Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICHI - 636 112,
THALAIVASAL (TK), SALEM (DT).

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DEPARTMENT OF CIVIL ENGINEERING

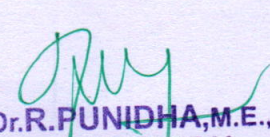
28/07/2022

VALUE ADDED COURSE ON "CSI SAP 2000" (01/08/2022 to 05/08/2022)

COUSRE PLAN

| Date | Session I time 9.45 AM to 11.00 AM | Break(11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break(1.00 PM to 01.45 PM) | Session II Time (1.45 PM to 4.45 PM) |
|------------|---|-----------------------------------|---|----------------------------------|---|
| 01/08/2022 | Inauguration, Introduction to SAP2000 | Break | Acceleration | Break | API (SAP2000) |
| 02/08/2022 | Bridge, Bridge modeler | Break | Composite behavior | Break | Damping, Design |
| 03/08/2022 | Hinge, Joint | Break | Joint pattern, Lane | Break | Load combination |
| 04/08/2022 | Modeling step-by-step | Break | Modeling techniques | Break | Moving load, Program usage |
| 05/08/2022 | Pushover, Section cuts | Break | Section Designer, Shell | Break | Staged construction, Time history |

HOD/CIVIL


Dr. R. PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

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Report on Value Added Course

Title:

VALUE ADDED COURSE ON "CSI SAP2000"

Resource Person:

Mr. J.pascal felix,
Christal CADD Technology,
Vazhappadi, Salem – 636115.

Date of conduct from :

01/08/2022

To:

05/08/2022

Duration:

30 Hours

Organized Department :

Civil Engineering

Participant Year:

4

Semester:

ODD

No. of Students Registered :

11

Venue:

B21, lecture hall, BIEW

Outcome of Value Added Course (VAC)

- Intuitive 3D Object-Based Modeling Environment
- Sophisticated and Efficient Meshing Techniques
- Versatile Modeling Tools to Create Any Type of Model
- Interactive Database Editing
- Diaphragm Constraint
- Meshing Tools
- Manage Joints and Frame Elements with Ease
- Wide Variety of Structural Components for Analysis and Design
- Shells, Cable Element, Tendon Elements, Solids, Link Element, Springs, Hinges
- Nonlinear Layered Shells
- Increase productivity with the use of Auto Lateral Loading
- Powerful Dynamic Analysis Tools for both Linear and Nonlinear Behavior
- Quickly Define Staged Construction load cases where you can add or remove portions of the structure

Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

VAC Co-ordinator

Dr.R.PUNIDHA, M.E., Ph.D.

PRINCIPAL,

BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,

DEVIYAKURICHI, 636 112,
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HoD/Civil

Principal

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DEPARTMENT OF CIVIL ENGINEERING

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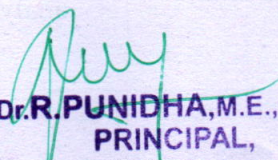
VALUE ADDED COURSE ON "AUTODESK CIVIL 3D" (26/12/2022 to 30/12/2022)

23/12/2022

Submitted to the principal

Department of civil engineering of Bharathiyar institute of engineering for women is going to conduct a value added course on "AUTODESK CIVIL 3D" from 26/12/2022 to 30/12/2022 (Five days) for Civil Engineering Students. CADD Centre Training Services, Salem agrees to provide the services as described in the Proposal of 30 hours for this course. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 2 members during the above mentioned five days.


HOD/CIVIL


Dr. R. PUNIDHA, M.E., Ph.D.,
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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

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DEPARTMENT OF CIVIL ENGINEERING

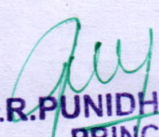
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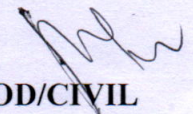
23/12/2022

VALUE ADDED COURSE ON "AUTODESK CIVIL 3D" (26/12/2022 to 30/12/2022)

COUSRE PLAN

| Date | Session I time 9.45 AM to 11.00 AM | Break(11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break(1.00 PM to 01.45 PM) | Session II Time (1.45 PM to 4.45 PM) |
|-------------|---|--|---|---|---|
| 26/12/2022 | Inauguration, Introduction to AUTODESK CIVIL 3D | Break | Intersection design | Break | Drainage design and analysis |
| 27/12/2022 | Pressure networks | Break | Plan production and documentation | Break | Interoperability |
| 28/12/2022 | Design automation | Break | Geotechnical modeling | Break | Materials and quantities |
| 29/12/2022 | Bridge design | Break | Surface analysis | Break | Point cloud tools |
| 30/12/2022 | Surface modeling tools | Break | Dynamo for Civil 3D | Break | Hydraulics and hydrology tools |


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Report on Value Added Course

| | | | | | |
|------------------------|---|-----------|------------|------------------------------|----------|
| Title: | VALUE ADDED COURSE ON "AUTODESK CIVIL 3D" | | | | |
| Resource Person: | CADD Centre Training Services, Salem, 636115. | | | | |
| Date of conduct from : | 26/12/2022 | To: | 30/12/2022 | Duration: | 30 Hours |
| Organized Department : | Civil Engineering | | | | |
| Participant Year: | 4 | Semester: | EVEN | No. of Students Registered : | 11 |
| Venue: | B21, lecture hall, BIEW | | | | |

Outcome of Value Added Course (VAC)

- To Create digital models of topography for land-use studies, transportation system planning, and water flow simulations
- Create dynamic and data-rich corridor models for highways, roads, and rail tracks
- Create dynamic models of 3-way (T-shaped) or 4-way intersections, as well as roundabouts
- Manage stormwater and sanitary sewer design. Define pipeline paths, optimized with hydraulics/hydrology analysis
- Lay out horizontal and vertical pressure network designs; model deflected-curve pipe segments and use design and depth checks
- Quickly create construction documents from drawings, including plan/profile, plan(s)-only, profile(s)-only, and section sheets
- Coordinate workflows more efficiently across the various disciplines working on complex bridge design projects

Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

VAC Co-ordinator

HoD/Civil

Principal

[Signature]
Dr. R. DUNDHA, M.E., Ph.D.,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE ON "ROBOTICS AND AUTOMATION"

(18/01/2023 to 24/01/2023) (Six days)

13/01/2023

Submitted to the Principal

Department of Computer Science and Engineering of Bharathiyar institute of engineering for women is going to conduct a value added course on "**ROBOTICS AND AUTOMATION**" from (18/01/2023 to 24/01/2023 (Six days) for Computer Science and Engineering Students. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 10 members during the above mentioned six days.

Resource person: 1 Mr.M.Karthikeyan

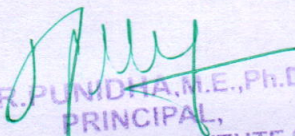
Pearlsys,
Thalaivasal (Tk),Deviyakurichi,
Salem.

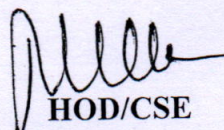
Resource person: 2 Mr.K.Manoj
Pearlsys,

Thalaivasal(Tk),Deviyakurichi,
Salem.

Resource person: 3 Mr.L.Sanmugam

Pearlsys,
Thalaivasal(Tk),Deviyakurichi,
Salem.


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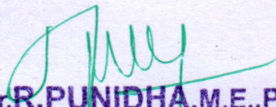
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

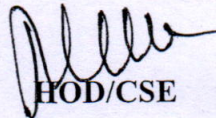
VALUE ADDED COURSE ON "ROBOTICS AND AUTOMATION"

(18/01/2023 to 24/01/2023) (Six days)

13/01/2023

| Date | Session I time 9.30 AM to 11.00 AM | Break (11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break (1.00 PM to 01.45 PM) | Session III Time (1.45 PM to 4.30PM) |
|-------------------------|--|--|---|---|--|
| 18.01.2023 Wednesday | Introduction to Robotics and Automation Mr.M.Karthikeyan | Break | Adoption of Automation and Mr.K.Manoj | Break | Key Issues Mr.L.Sanmugam |
| 19.01.2023 Thursday | Networks supporting robotics in the UK Mr.K.Manoj | Break | Automatic Control Systems Mr.M.Karthikeyan | Break | Robotic Process Automation (RPA) Mr.L.Sanmugam |
| 20.01.2023 Friday | Virtual/Augmented Reality Mr.M.Karthikeyan | Break | Advanced Robot Design. Mr.L.Sanmugam | Break | Sabelhaus Research: Mr.K.Manoj |
| 21.01.2023 Saturday | What are the business benefits of RPA? Mr.L.Sanmugam | Break | Shifting the Purpose of Robots From Serving Human Collaboration Mr.K.Manoj | Break | Human-Robot Interaction. Mr.M.Karthikeyan |
| 23.01.2023 Monday | Learning From Animal Behaviors to Inform Control Systems. Mr.L.Sanmugam | Break | Applications, innovation & supply chain Mr.K.Manoj | Break | Artificial Intelligence and Robotics. Mr.M.Karthikeyan |
| 24.01.2023 Tuesday | Why is RPA the fastest-growing enterprise software in the world? Mr.L.Sanmugam | Break | Cutting-Edge Robotics Applications. Reconnaissance | Break | Robotics and Industry. Mr.M.Karthikeyan |


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HOD/CSE



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR
Deviyakurichi,Thalaivasal-Tk, Salem - 636112.
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One Week Value Added Course "Robotics and Automation" Dated on 18.01.2023-
24.01.2023




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BHARATHIYAR INSTITUTE OF
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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE ON "MACHINE LEARNING USING PYTHON"

(17/07/2023 to 24/07/2023) (Six days)

14/07/2023

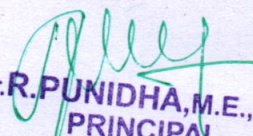
Submitted to the Principal

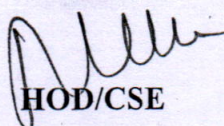
Department of Computer Science and Engineering of Bharathiyar institute of engineering for women is going to conduct a value added course on "MACHINE LEARNING USING PYTHON" from (17/07/2023 to 24/07/2023 (Six days) for Computer Science and Engineering Students. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 10 members during the above mentioned six days.

Resource person: 1 Mr.T.Sathiskumar
Managing Director,
United info solution
Chennai-600 003

Resource person: 2 Mr.R.Mani
Managing Director,
United info solution
Chennai-600 003

Resource person: 3 Mr.S.Harish
Managing Director,
United info solution
Chennai-600 003


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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

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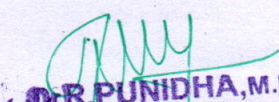
Affiliated to Anna University, Chennai-25)

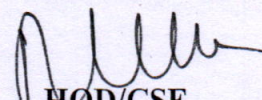
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSE ON "MACHINE LEARNING USING PYTHON"

(17/07/2023 to 24/07/2023) (Six days)

| Date | Session I time (9.30 AM to 11.00 AM) | Break(11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break(1.00 PM to 01.45 PM) | Session III Time (1.45 PM to 4.30PM) |
|-------------------------|--|-----------------------------|--|----------------------------|---|
| 17.07.2023 Monday | An introduction to Machine Learning Mr.T.Sathiskumar | Break | Difference Between Machine Learning and Artificial Intelligence Mr.R.Mani | Break | Machine Learning Mathematics Mr.S.Harish |
| 18.07.2023 Tuesday | Introduction to Data in Machine Learning Mr.T.Sathiskumar | Break | K-Nearest Neighbor(KNN) Algorithm Mr.R.Mani | Break | Python – Decision tree implementation Mr.S.Harish |
| 19.07.2023 Wednesday | Introduction to Convolution Neural Network Mr.T.Sathiskumar | Break | Introduction to Convolution Neural Network Mr.R.Mani | Break | Introduction to Convolution Neural Network Mr.S.Harish |
| 20.07.2023 Thursday | Introduction to Thompson Sampling Reinforcement Learning Mr.T.Sathiskumar | Break | Introduction to Thompson Sampling - Reinforcement Learning Mr.R.Mani | Break | Meta-Learning in Machine Learning Mr.S.Harish |
| 21.07.2023 Friday | Q-Learning in Python Mr.T.Sathiskumar | Break | Markov Decision Process Mr.R.Mani | Break | Bellman Equation Mr.S.Harish |
| 24.07.2023 Monday | Deep Learning Mr.T.Sathiskumar | Break | Meta-Learning in Machine Learning Mr.R.Mani | Break | Q-Learning in Python Mr.S.Harish |


D.R. PUNIDHA, M.E., Ph.D.,
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Report on Value Added Course

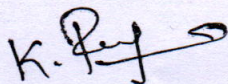
| | | | | | |
|------------------------|--|--|--|------------------------------|----------|
| Title: | MACHINE LEARNING USING PYTHON | | | | |
| Resource Person: | Mr.T.Sathiskumar Managing Director, United info solution. Chennai-600 003 | Mr.R.Mani Managing Director, United info solution Chennai-600 003 | Mr.S.Harish Managing Director, United info solution Chennai-600 003 | | |
| Date of conduct from : | 17.JUL.2023 | To: | 24.JUL.2023 | Duration: | 36 Hours |
| Organized Department : | COMPUTER SCIENCE AND ENGINEERING | | | | |
| Participant Year: | 2/ 3 /4 | Semester: | EVEN | No. of Students Registered : | 230 |
| Venue: | Visvesvaraya Seminar Hall | | | | |

Outcome of Value Added Course (VAC)

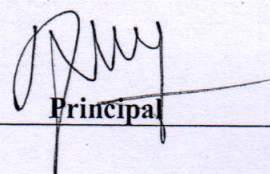
- Machine learning is a process in which an individual simulates a real-world applications on an organization's or network supporting in order to exploit system Data process and test system in Decision tree implementation in Python.
- Python – Decision tree implementation is the practice where in the firm that owns the network or the system allows experts in the field of Reinforcement-Learning to perform activities that help them test to the Deep Learning.
- Many individuals also know Meta-Learning in Machine Learning applications.
- No. of students successfully completed the VAC course is **230 Students** based on the following assessment process.

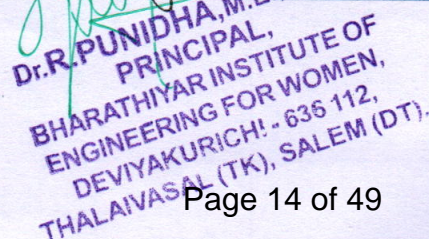
Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Co-ordinator


HoD/ CSE


Principal


Dr.R.PUNIDHA, M.E.,
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Report on Value Added Course

| | | | | | |
|------------------------|--|--|--|------------------------------|----------|
| Title: | MACHINE LEARNING USING PYTHON | | | | |
| Resource Person: | Mr.T.Sathiskumar Managing Director, United info solution. Chennai-600 003 | Mr.R.Mani Managing Director, United info solution Chennai-600 003 | Mr.S.Harish Managing Director, United info solution Chennai-600 003 | | |
| Date of conduct from : | 17.JUL.2023 | To: | 24.JUL.2023 | Duration: | 36 Hours |
| Organized Department : | COMPUTER SCIENCE AND ENGINEERING | | | | |
| Participant Year: | ME-1/2 | Semester: | EVEN | No. of Students Registered : | 22 |
| Venue: | Visvesvaraya Seminar Hall | | | | |

Outcome of Value Added Course (VAC)

- Machine learning is a process in which an individual simulates a real-world applications on an organization's or network supporting in order to exploit system Data process and test system in Decision tree implementation in Python.
- Python – Decision tree implementation is the practice where in the firm that owns the network or the system allows experts in the field of Reinforcement-Learning to perform activities that help them test to the Deep Learning.
- Many individuals also know Meta-Learning in Machine Learning applications.
- No. of students successfully completed the VAC course is **22 Students** based on the following assessment process.

Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score = $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

VAC Co-ordinator

HoD/ CSE

Principal

Dr. R. J. UNIDHA, M.E., Ph.D.
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN
DEVIYAKURICHI - 636 112,
THALAIVASAL (T.K. SALEM DIST).



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR
Deviyakurichi, Thalaivasal-Tk, Salem - 636112.
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)**

One Week Value Added Course "Machine Learning using Python" Dated on 17.07.2023-
24.07.2023



P. Punidha
**Dr. R. PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICHI - 636 112
THALAIVASAL (TK), SALEM.**



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN
Deviyakurichi ,Thalaivasal -TK, Salem - 636112.
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

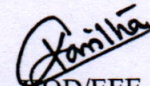
12/01/2023

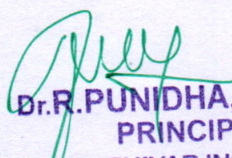
Submitted to the principal

Department of Electrical and Electronics Engineering of Bharathiyar Institute Of Engineering for Women is going to conduct a value added course on "ARTIFICIAL INTELLIGENCE" from 18/01/2023 to 23/01/2023(Five days) for Electrical and Electronics Engineering Students. Permission is required for arranging the refreshment (FN&AN) and lunch from our hostel mess for 2 members during the above mentioned five days.

Resource person :

Mr.E.VISWANATHAN
OPTIMUS TECHNOCRATES,
SALEM.


HOD/EEE


Dr.R.PUNIDHA,M.E.,Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICHI - 636 112,
THALAIVASAL(TK), SALEM (DT).



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

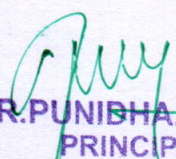
Deviyakurichi ,Thalaivasal -TK, Salem - 636112.

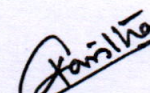
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

VALUE ADDED COURSE ON "ARTIFICIAL INTELLIGENCE"

18/01/2023 to 23/01/2023

| Date | Session I time (9.30 AM to 11.00 AM) | Break (11.00 AM to 11.15 AM) | Session II Time (11.15 AM to 1.00PM) | Break (1.00 PM to 01.45 PM) | Session III Time (1.45 PM to 4.30 PM) |
|-------------------------|---|---------------------------------------|--|--------------------------------------|---|
| 18.01.2023 Wednesday | Inauguration, briefly discuss About internet of things (IOT) | Break | Machine Learning | Break | Types of AI, Natural language processing |
| 19.01.2023 Thursday | Computer Vision | Break | Neural Networks | Break | Ethics In AI |
| 20.01.2023 Friday | Goals of AI | Break | AI function in medicines | Break | Hardware for AI |
| 21.01.2023 Saturday | AI & Creativity | Break | Big data | Break | AI Competitive advantages |
| 23.01.2023 Monday | ModernAI applications | Break | Different AI Certification | Break | Cyber security |


Dr. R. PUNIBHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
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DEVIYAKURICHI - 636 112,
THALAIVASAL (TK), SALEM (DT).


HOD/EEE

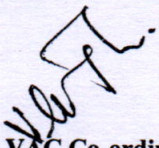
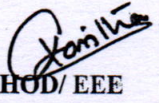
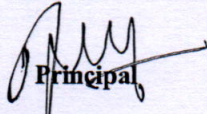


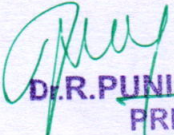
BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

| | | | | | |
|--|--|-----------|-------------|------------------------------|----------|
| Title: | ARTIFICIAL INTELLIGENCE | | | | |
| Resource Person: | Mr.E.VISWANATHAN OPTIMUS TECHNOCRATES,SALEM | | | | |
| Date of conduct from : | 18.JAN.2023 | To: | 23.JAN.2023 | Duration: | 30 Hours |
| Organized Department : | Electrical and Electronics Engineering | | | | |
| Participant Year: | 2, 3 &4 | Semester: | ODD | No. of Students Registered : | 62 |
| Venue: | Lecture Hall – B11, B – Block, First floor, BIEW | | | | |
| Outcome of Value Added Course (VAC) | | | | | |
| <ul style="list-style-type: none">• The goals of artificial intelligence include computer-enhanced learning, reasoning, and perception.• AI is being used today across different industries from finance to healthcare.• AI is being used in a wide variety of industries today, including: Healthcare.• No. of students successfully completed the VAC course is 62 Students based on the following assessment process. | | | | | |
| Assessment Process | | | | | |
| <ul style="list-style-type: none">• Students, who are securing more than 60% on total score is eligible to receive the certificate for the VAC course conducted• Total Score = (0.5 * Attendance in VAC out of 100 percentage + 0.5 * Test mark in VAC out of 100 marks) | | | | | |
|  VAC Co-ordinator | | | | | |
|  HOD/ EEE | | | | | |
|  Principal | | | | | |


D.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICHI - 636 112,
THALAIVASAL (TK), SALEM (DT).



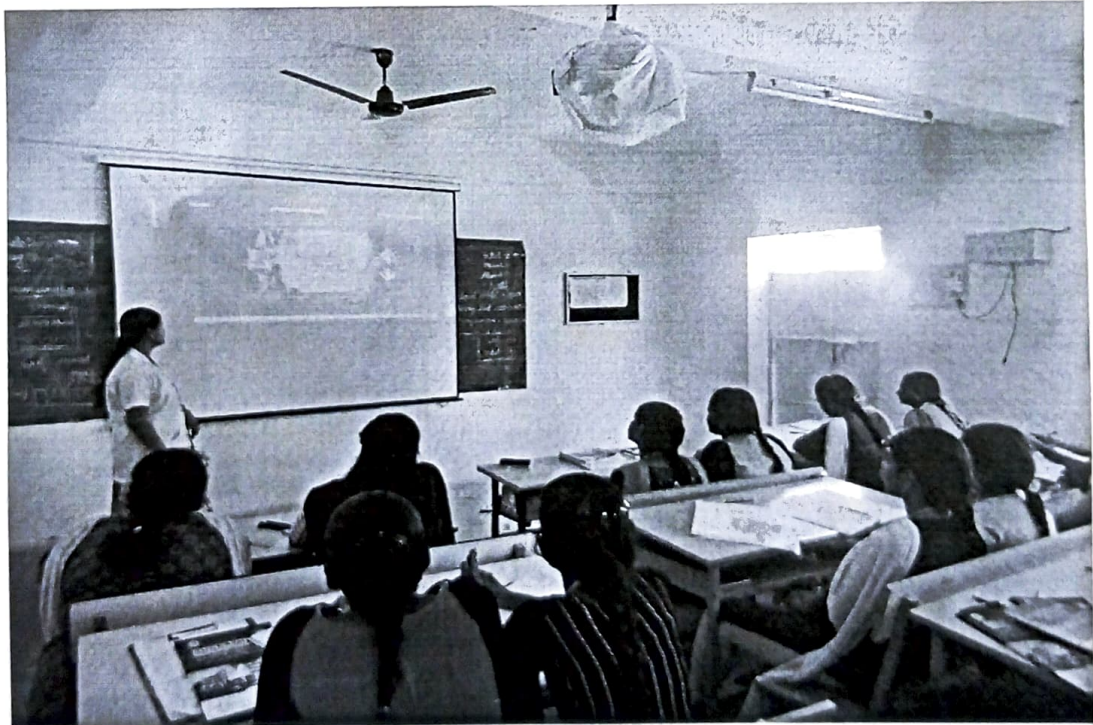
BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

| | | | | | |
|------------------------|--|-----------|-------------|------------------------------|----------|
| Title: | ARTIFICIAL INTELLIGENCE | | | | |
| Resource Person: | Mr.E.VISWANATHAN OPTIMUS TECHNOCRATES,SALEM | | | | |
| Date of conduct from : | 18.JAN.2023 | To: | 23.JAN.2023 | Duration: | 30 Hours |
| Organized Department : | Electrical and Electronics Engineering | | | | |
| Participant Year: | 2, 3 &4 | Semester: | ODD | No. of Students Registered : | 62 |
| Venue: | Lecture Hall – B11, B – Block, First floor, BIEW | | | | |



[Signature]
Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
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DEVIAKURICHI - 636 112,
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**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,
DEVYAKURICHI, THALAIVASAL-TK, SALEM-DT -636112.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

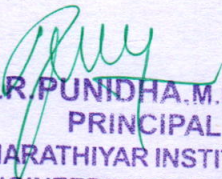
14/07/2023

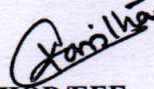
Submitted to the principal

Department of Electrical and Electronics Engineering of Bharathiyar Institute Of Engineering For Women is going to conduct a value added course on “**Electric Vehicle Design**” from **17/07/2023 to 21/07/2023(five days)** for electrical and electronics Engineering Students. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 2 members during the above mentioned five days.

Resource Person :

Mr.T.PRAKASH,
Software Development And Training,
Tamil Nadu -636107.


Dr. R. PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVYAKURICHI - 636 112,
THALAIVASAL (TK), SALEM (DT).


HOD/EEE



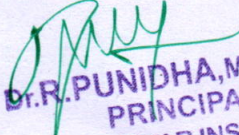
**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,
DEVYAKURICHI, THALAIVASAL-TK, SALEM-DT -636112.**

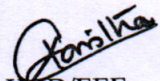
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE ON "Electric Vehicle Design"

(17/07/2023 to 21/07/2023)

| Date | Session I time (9.30 AM to 11.00 AM) | Break (11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break (1.00 PM to 01.45 PM) | Session III Time (1.45 PM to 4.30PM) |
|-------------------------|--|---------------------------------------|--|--------------------------------------|--|
| 17.07.2023 Monday | Electric Vehicles | Break | Hybrid Electric Vehicles | Break | Energy Consumption Modeling In Electric Vehicles |
| 18.07.2023 Tuesday | Electric Vehicle Batteries | Break | Types of batteries | Break | EV Challenges in future |
| 19.07.2023 Wednesday | Accelerate EV innovation | Break | Classification of EV | Break | Electric Trucks |
| 20.07.2023 Thursday | Battery management system | Break | Main Components Of EV | Break | Bidirectional charging |
| 21.07.2023 Friday | Solar powered bicycle | Break | Intelligent Vehicles | Break | Design of E-Vehicle design |


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DEVYAKURICHI - 636 112,
THALAIVASAL (TK), SALEM (DT).**


HOD/EEE



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title: ELECTRIC VEHICLE DESIGN

Resource Person: Mr.T.PRAKASH

SOFTWARE DEVELOPMENT AND TRAINING,TAMIL NADU -636107.

Date of conduct from : 17.JULY.2023 To: 21.JULY.2023 Duration: 30 Hours

Organized Department : Electrical and Electronics Engineering

Participant Year: 2, 3 &4 Semester: EVEN No. of Students Registered : 62

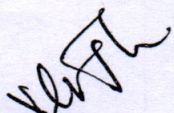
Venue: Lecture Hall – B11, B – Block, First floor, BIEW

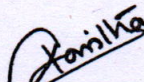
Outcome of Value Added Course (VAC)

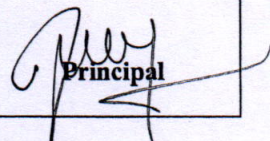
- Electric vehicles are vehicles that utilize electric motors for traction. The source of electricity can be a solar cell, a fuel cell, or a battery. Electric vehicles have gained popularity due to their reduced carbon emissions.
- EVs can be designed with two-wheel or all-wheel propulsion, using either two or four electric motors respectively.
- Hybrid electric vehicles are powered by an internal combustion engine and one or more electric motors, which uses energy stored in batteries.
- No. of students successfully completed the VAC course is **62 Students** based on the following assessment process.

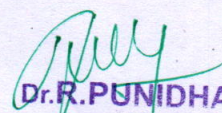
Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score $= (0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Co-ordinator


HOD/ EEE


Principal


Dr.R.PUNIDHA.M.E.,Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICH! - 636 112,
THALAIVASAL(TK), SALEM (DT).



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title: **ELECTRIC VEHICLE DESIGN**

Resource Person: **Mr.T.PRAKASH**

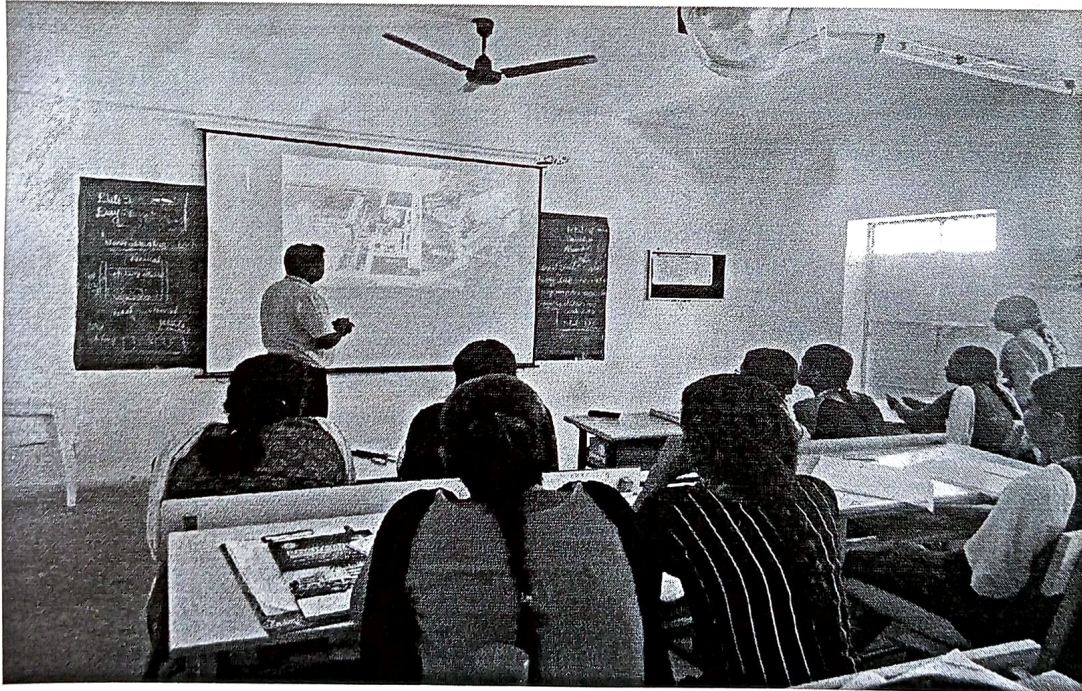
SOFTWARE DEVELOPMENT AND TRAINING, TAMIL NADU -636107.

Date of conduct from : **17.JULY.2023** To: **21.JULY.2023** Duration: **30 Hours**

Organized Department : **Electrical and Electronics Engineering**

Participant Year: **2, 3 & 4** Semester: **EVEN** No. of Students Registered : **62**

Venue: **Lecture Hall – B11, B – Block, First floor, BIEW**




Dr.R.PUNIDHA,M.E.,Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICH! - 636 112,
THALAIVASAL (TK), SALEM (DT).



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi , Thalaivasal-Tk, Salem Dt- 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

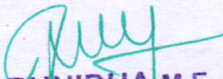
31/12/2022

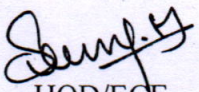
Submitted to the Principal

Department of Electronics and Communication Engineering of Bharathiyar institute of engineering for women is going to conduct a value added course on “**Wearable Technology**” from **02/01/2023 to 06/01/2023(five days)** for Electronics and Communication Engineering Students. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 12 members during the above mentioned five days.

Resource person :

Mr.S.Ramani,
Technical Manager,
Optimus Technocrates (India) Pvt.Ltd,
Salem.


Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICHI - 636 112,
THALAIVASAL (TK), SALEM (DT).


HOD/ECE



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

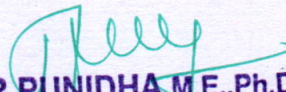
Deviyakurichi, Thalaivasal-Tk, Salem Dt- 636112.

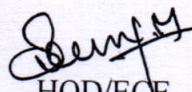
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE ON "WEARABLE TECHNOLOGY" 02/01/2023 to 06/01/2023

| Date | Session I time 9.30 AM to 11.00 AM | Break (11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break (1.00 PM to 01.45 PM) | Session III Time (1.45 PM to 4.30PM) |
|-------------------------|--|------------------------------------|---|-----------------------------------|--|
| 02.01.2023 Monday | Inauguration and Introduction | Break | Importance of wearable technology | Break | Applications of wearable technology |
| 03.01.2023 Tuesday | Wearable gadgets | Break | Wearable smart devices | Break | E-wearables |
| 04.01.2023 Wednesday | Signal processing for wearable technology | Break | Technical challenges | Break | Energy harvesting for wearable technology |
| 05.01.2023 Thursday | Wireless health systems | Break | Systems and Security | Break | Medical diagnostics |
| 06.01.2023 Friday | Medical monitoring | Break | Smart textile | Break | Case study |


Dr. R. PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
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DEVIAKURICHI - 636 112.
THALAVASAL (TK), SALEM (DT).


HOD/ECE



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title: WEARABLE TECHNOLOGY

Resource Person: S.Ramani,
Optimus Technocrates (India) Pvt Limited,
Salem.

Date of conduct from : 02.Jan.2023 To: 06.Jan.2023 Duration: 30 Hours

Organized Department : Electronics and Communication Engineering

Participant Year: 2,3 & 4 Semester: ODD No. of Students Registered : 171

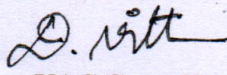
Venue: Visvesvaraya Seminar Hall

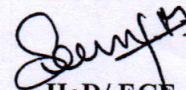
Outcome of Value Added Course (VAC)

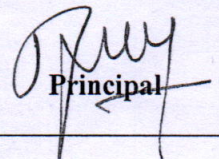
- The students can able to understand that this data can be used to set and achieve health goals,make lifestyle changes and prevent health issues.
- The students can understand that the wearable devices can be used for self monitoring.
- No. of students successfully completed the VAC course is **171 Students** based on the following assessment process.

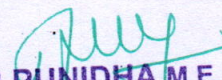
Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score $= (0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Co-ordinator


HoD/ ECE


Principal


Dr. R. PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title: WEARABLE TECHNOLOGY

Resource Person: S.Ramani,
Optimus Technocrats (India) Pvt Limited,
Salem.

Date of conduct from : 02.Jan.2023 To: 06.Jan.2023 Duration: 30 Hours

Organized Department : M.E- Communication Systems

Participant Year: 1 & 2 Semester: ODD No. of Students Registered : 16

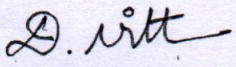
Venue: Visvesvaraya Seminar Hall

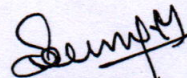
Outcome of Value Added Course (VAC)

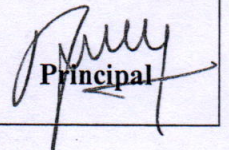
- The students can able to understand that this data can be used to set and achieve health goals,make lifestyle changes and prevent health issues.
- The students can understand that the wearable devices can be used for self monitoring.
- No. of students successfully completed the VAC course is **16 Students** based on the following assessment process.


Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score $= (0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Co-ordinator


HoD/ ECE


Principal


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BHARATHIYAR INSTITUTE OF
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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112.

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Value added course on “Wearable technology” from 02/01/2023 to 06/01/2023




Dr. R. PUNIDHA, M.E., Ph.D.,
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

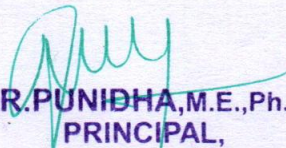
7/7/23

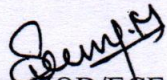
Submitted to the Principal

Department of Electronics and Communication Engineering of Bharathiyar institute of engineering for women is going to conduct a value added course on “PCB Designing” from 11/07/2023 to 15/07/2023 (five days) for Electronics and Communication Engineering Students. Permission is required for arranging the Refreshment (FN & AN) and lunch from our hostel mess for 10 members during the above mentioned five days.

Resource person :

Mr.S.Sundara Moorthy,
CEO,
Sunshiv Electronic solutions,
Gandhipuram,
Coimbatore.


Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIAKURICH! - 636 112,
THALAIVASAL (TK), SALEM (DT).


HOD/ECE



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

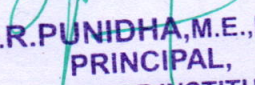
Deviyakurichi , Thalaivasal-Tk, Salem Dt-636112.

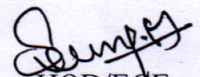
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VALUE ADDED COURSE ON "PCB DESIGNING" 11/07/2023 to 15/07/2023

| Date | Session I time 9.30 AM to 11.00 AM | Break (11.00 AM to 11.15 AM) | Session II time (11.15 AM to 1.00PM) | Break (1.00 PM to 01.45 PM) | Session III Time (1.45 PM to 4.30PM) |
|-------------------------|---|------------------------------------|---|-----------------------------------|---|
| 11.07.2023 Monday | Inauguration and Introduction | Break | Types of PCB | Break | Multi layer PCB design |
| 12.07.2023 Tuesday | PCB design program | Break | PCB terminology | Break | PCB flow |
| 13.07.2023 Wednesday | Placement rules | Break | Introduction to design rule | Break | Fabricated PCB Board |
| 14.07.2023 Thursday | Design specification and circuit diagram | Break | Schematic design | Break | PCB library design |
| 15.07.2023 Friday | PCB manufacturing procedure | Break | PCB design examples | Break | Demo |


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HOD/ECE



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title: PCB DESIGNING

Resource Person: Mr.S.Sundara Moorthy,
CEO,
Sunshiv Electronic Solutions,
Coimbatore.

Date of conduct from : 11.Jul.2023 To: 15.Jul.2023 Duration: 30 Hours

Organized Department : Electronics and Communication Engineering

Participant Year: 2,3 & 4 Semester: EVEN No. of Students Registered : 171

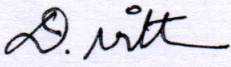
Venue: Visvesvaraya Seminar Hall

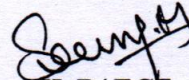
Outcome of Value Added Course (VAC)

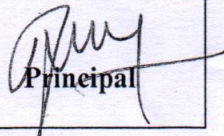
- The students can able to understand that the PCB is the foundation of electronics and without the PCB we may not able to make any electronics part.
- The students can understand that PCB design is a mandatory skill for all electrical and electrical engineers in the industry to work in research and development.
- No. of students successfully completed the VAC course is **171 Students** based on the following assessment process.

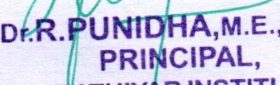
Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score $= (0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Co-ordinator


HoD/ ECE


Principal


Dr.R.PUNIDHA, M.E., Ph.D.,
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BHARATHIYAR INSTITUTE OF
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DEVIAKURICHI - 636 112,
THALAVASAL (TK), SALEM (T).



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

Title: PCB DESIGNING

Resource Person: Mr.S.Sundara Moorthy,
CEO,
Sunshiv Electronic Solutions,
Coimbatore.

Date of conduct from : 11.Jul.2023 To: 15.Jul.2023 Duration: 30 Hours

Organized Department : M.E- Communication Systems

Participant Year: 1 & 2 Semester: EVEN No. of Students Registered : 16

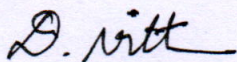
Venue: Visvesvaraya Seminar Hall

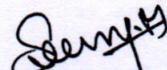
Outcome of Value Added Course (VAC)

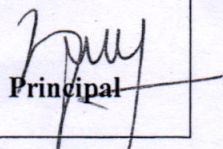
- The students can able to understand that the PCB is the foundation of electronics and without the PCB we may not able to make any electronics part.
- The students can understand that PCB design is a mandatory skill for all electrical and electrical engineers in the industry to work in research and development.
- No. of students successfully completed the VAC course is **16 Students** based on the following assessment process.

Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score $= (0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


VAC Co-ordinator


HoD/ ECE


Principal


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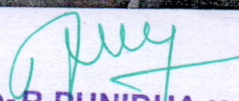
BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Value added Course on "PCB Designing" from 11/07/2023 to 15/07/2023




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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal(Tk), Salem(Dt)

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

VALUE ADDED COURSE ON "COMMUNICATION ENGLISH"

(21.11.2022, 22.11.2022, 23.11.2022, 24.11.2022, 25.11.2022)

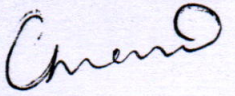
18.11.2022

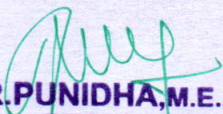
Submitted to the principal

Department of Science and Humanities of Bharathiyar Institute of Engineering for women is going to conduct a value added course on "COMMUNICATION ENGLISH" from (21.11.2022, 22.11.2022, 23.11.2022, 24.11.2022, 25.11.2022) for first year students. permission is required for arranging the refreshment (FN & AN) and lunch from our hostel mess for 5 members during the above mentioned five days.

Resource Persons:

- 1 .Dr.R.KOHILA - Listening and speaking skills
2. Mrs.G.KAVITHA - Verbal communication
3. Mrs.S.PRIYA - Non-verbal communication
4. Mrs.R.RAJESHWARI - Reading and Writing skills
5. Mr.P.MANIKANDAN - Enriching vocabulary


HOD/S&H


**Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
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DEVIYAKURICHI - 636 112,
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**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

Deviyakurichi - 636 112, Thalaivasal (Tk), Salem (Dt)

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DEPARTMENT OF SCIENCE AND HUMANITIES**VALUE ADDED COURSE ON "COMMUNICATION ENGLISH"**


(21.11.2022, 22.11.2022, 23.11.2022, 24.11.2022, 25.11.2022)

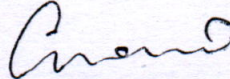
Year/Department :I/ CSE-B

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|--------------------------------------|--|---------------------------------------|---|--|
| 21.11.2022 MONDAY | Reading and Writing skills | BREAK | Reading and Writing skills | LUNCH BREAK | Reading and Writing skills |
| 22.11.2022 TUESDAY | Listening and Speaking skills | | Listening and Speaking skills | | Listening and Speaking skills |
| 23.11.2022 WEDNESDAY | Enriching Vocabulary | | Enriching Vocabulary | | Enriching Vocabulary |
| 24.11.2022 THURSDAY | Non-Verbal communication | | Non-Verbal communication | | Non-Verbal communication |
| 25.11.2022 FRIDAY | Verbal communication | | Verbal communication | | Verbal communication |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|-------------------|-------------------------------|
| 1 | Dr. R.KOHILA | Listening and speaking skills |
| 2 | Mrs. G.KAVITHA | Verbal communication |
| 3 | Mrs. S.PRIYA | Non-verbal communication |
| 4 | Mrs. R.RAJESHWARI | Reading and Writing skills |
| 5 | Mr. P. MANIKANDAN | Enriching vocabulary |


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**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

Deviyakurichi - 636 112, Thalaivasal (Tk), Salem (Dt)

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF SCIENCE AND HUMANITIES**VALUE ADDED COURSE ON "COMMUNICATION ENGLISH"**

(21.11.2022, 22.11.2022, 23.11.2022, 24.11.2022, 25.11.2022)

Year/Department :I/EEE

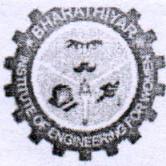
TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|--------------------------------------|--|---------------------------------------|---|--|
| 21.11.2022 MONDAY | Listening and Speaking skills | BREAK | Listening and Speaking skills | LUNCH BREAK | Listening and Speaking skills |
| 22.11.2022 TUESDAY | Non-Verbal communication | | Non-Verbal communication | | Non-Verbal communication |
| 23.11.2022 WEDNESDAY | Reading and Writing skills | | Reading and Writing skills | | Reading and Writing skills |
| 24.11.2022 THURSDAY | Verbal communication | | Verbal communication | | Verbal communication |
| 25.11.2022 FRIDAY | Enriching Vocabulary | | Enriching Vocabulary | | Enriching Vocabulary |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|-------------------|-------------------------------|
| 1 | Dr. R.KOHILA | Listening and speaking skills |
| 2 | Mrs. G.KAVITHA | Verbal communication |
| 3 | Mrs. S.PRIYA | Non-verbal communication |
| 4 | Mrs. R.RAJESHWARI | Reading and Writing skills |
| 5 | Mr. P. MANIKANDAN | Enriching vocabulary |

Punidha
Dr.R.PUNIDHA,M.E.,Ph.D.,
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THALAIVASAL (TK), SALEM (DT).

Anand
HOD/S&H

**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

Deviyakurichi - 636 112, Thalaivasal (Tk), Salem (Dt)

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF SCIENCE AND HUMANITIES**VALUE ADDED COURSE ON "COMMUNICATION ENGLISH"**

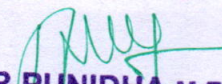
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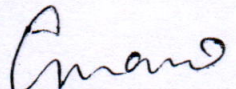
Year/Department :I/ECE

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|--------------------------------------|--|---------------------------------------|---|--|
| 21.11.2022 MONDAY | Non-Verbal communication | BREAK | Non-Verbal communication | LUNCH BREAK | Non-Verbal communication |
| 22.11.2022 TUESDAY | Verbal communication | | Verbal communication | | Verbal communication |
| 23.11.2022 WEDNESDAY | Listening and Speaking skills | | Listening and Speaking skills | | Listening and Speaking skills |
| 24.11.2022 THURSDAY | Enriching Vocabulary | | Enriching Vocabulary | | Enriching Vocabulary |
| 25.11.2022 FRIDAY | Reading and Writing skills | | Reading and Writing skills | | Reading and Writing skills |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|-------------------|-------------------------------|
| 1 | Dr. R.KOHILA | Listening and speaking skills |
| 2 | Mrs. G.KAVITHA | Verbal communication |
| 3 | Mrs. S.PRIYA | Non-verbal communication |
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HOD/S&H



DEPARTMENT OF SCIENCE AND HUMANITIES

VALUE ADDED COURSE ON "COMMUNICATION ENGLISH"

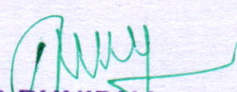
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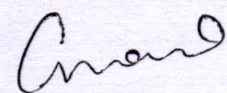
Year/Department : I/ AI&DS

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--|
| 21.11.2022 MONDAY | Verbal communication | BREAK | Verbal communication | LUNCH BREAK | Verbal communication |
| 22.11.2022 TUESDAY | Enriching Vocabulary | | Enriching Vocabulary | | Enriching Vocabulary |
| 23.11.2022 WEDNESDAY | Non-Verbal communication | | Non-Verbal communication | | Non-Verbal communication |
| 24.11.2022 THURSDAY | Reading and Writing skills | | Reading and Writing skills | | Reading and Writing skills |
| 25.11.2022 FRIDAY | Listening and Speaking skills | | Listening and Speaking skills | | Listening and Speaking skills |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|-------------------|-------------------------------|
| 1 | Dr. R.KOHILA | Listening and speaking skills |
| 2 | Mrs. G.KAVITHA | Verbal communication |
| 3 | Mrs. S.PRIYA | Non-verbal communication |
| 4 | Mrs. R.RAJESHWARI | Reading and Writing skills |
| 5 | Mr. P. MANIKANDAN | Enriching vocabulary |

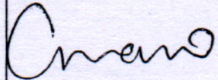
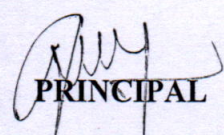

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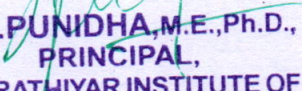

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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN
Deviyakurichi- 636 112, Thalaivasal-TK, Salem -DT
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course

| | | | | | |
|--|---|-----------|---|------------------------------|---------------------|
| Title: | “COMMUNICATION ENGLISH” | | | | |
| Resource Person: | 1 .Dr.R.KOHILA - Listening and speaking skills 2. Mrs.G.KAVITHA - Verbal communication 3. Mrs.S.PRIYA - Non-verbal communication 4. Mrs.R.RAJESHWARI - Reading and Writing skills 5. Mr.P.MANIKANDAN - Enriching vocabulary | | | | |
| Date of conduct from : | 21.11.2022, 22.11.2022, 23.11.2022, 24.11.2022, 25.11.2022 | | | Duration: | 30 Hours |
| Organized Department : | Science And Humanities | | | | |
| Participant Year: | 1 | Semester: | ODD | No. of Students Registered : | 274 |
| Venue: | B11, B12, B13, B14, B16 | | | | |
| Outcome of Value Added Course (VAC) | | | | | |
| <ul style="list-style-type: none">• Develop the confidence to speak in public.• Produce words with right pronunciation.• Develop vocabulary and improve the accuracy in grammar.• No. of students successfully completed the VAC course is 276 Students based on the following assessment process. | | | | | |
| Assessment Process | | | | | |
| <ul style="list-style-type: none">• Students, who are securing more than 60% on total score is eligible to receive the certificate for the VAC course conducted• Total Score =(0.5 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks) | | | | | |
|  HOD/S&H | | |  PRINCIPAL | | |


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BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

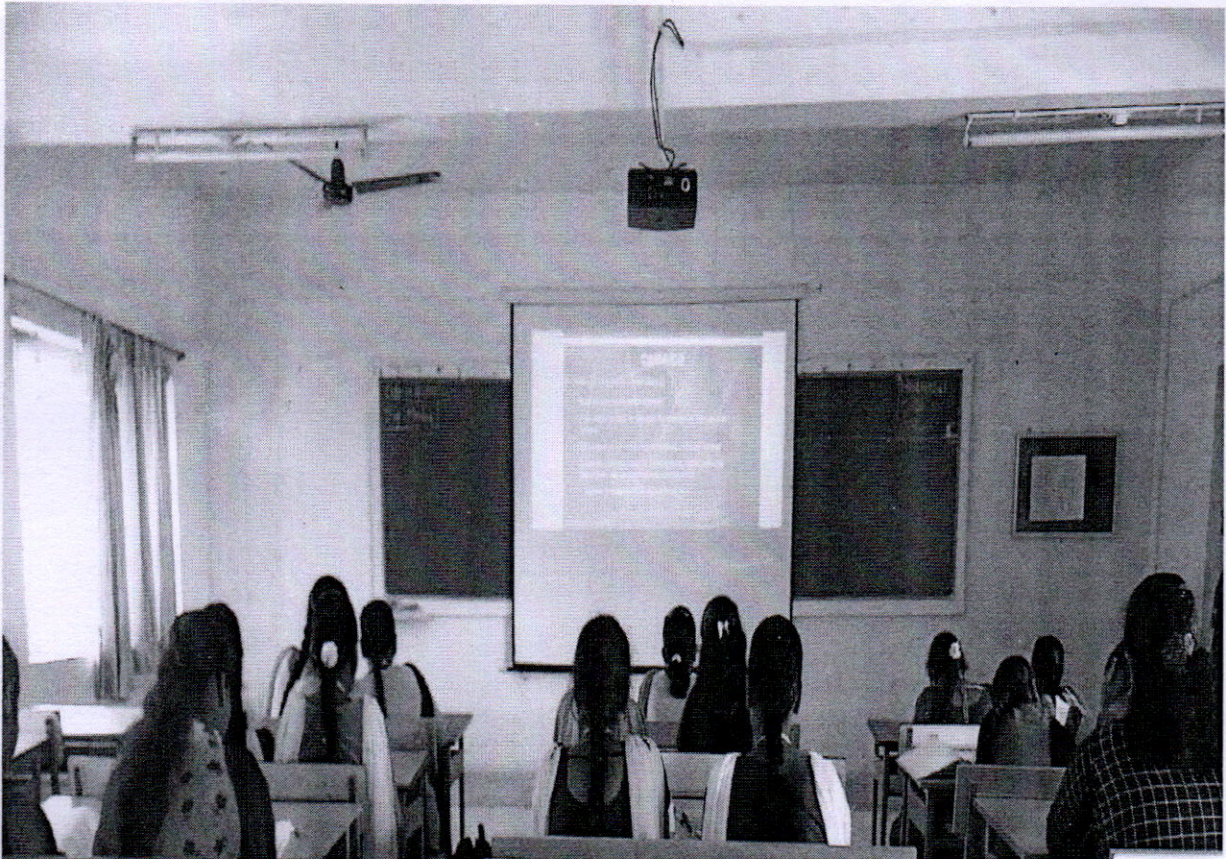
Deviyakurichi- 636 112, Thalaivasal(Tk), Salem(Dt)

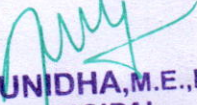
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

DEPARTMENT OF SCIENCE AND HUMANITIES

VALUE ADDED COURSE ON “COMMUNICATION ENGLISH”

(21.11.2022, 22.11.2022, 23.11.2022, 24.11.2022, 25.11.2022)




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DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

VALUE ADDED COURSE ON "FUNDAMENTALS OF MATHEMATICS"

(24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023)

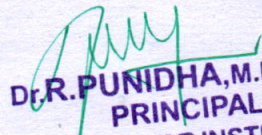
21.04.2023

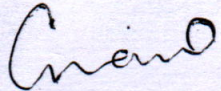
Submitted to the principal

Department of Science and Humanities of Bharathiyar Institute of Engineering for women is going to conduct a value added course on "FUNDAMENTALS OF MATHEMATICS" from (24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023) for first year students. permission is required for arranging the refreshment (FN & AN) and lunch from our hostel mess for 5 members during the above mentioned five days.

Resource Persons:

- 1 .Mrs. R.SHALINI - Number system & Basic Arithmetic
2. Mr. K.PUSHPARAJ – Profit and Loss
3. Mrs. D.SINDUJA - Trigonometry
4. Mr .A.MANI – Differential equation
5. Mr.V. MANOHARAN – Integral and Differential Calculus


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DEPARTMENT OF SCIENCE AND HUMANITIES

VALUE ADDED COURSE ON "FUNDAMENTALS OF MATHEMATICS"

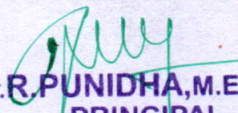
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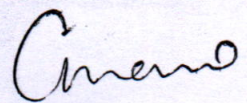
Year/Department :I/CSE-A

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|---------------------------------------|--|---------------------------------------|---|--|
| 24.04.2023 MONDAY | Profit and Loss | BREAK | Profit and Loss | LUNCH BREAK | Profit and Loss |
| 25.04.2023 TUESDAY | Differential equation | | Differential equation | | Differential equation |
| 26.04.2023 WEDNESDAY | Number system & Basic Arithmetic | | Number system & Basic Arithmetic | | Number system & Basic Arithmetic |
| 27.04.2023 THURSDAY | Integral and Differential Calculus | | Integral and Differential Calculus | | Integral and Differential Calculus |
| 28.04.2023 FRIDAY | Trigonometry | | Trigonometry | | Trigonometry |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|------------------|------------------------------------|
| 1 | Mr.V. MANOHARAN | Integral and Differential Calculus |
| 2 | Mrs. R.SHALINI | Number system & Basic Arithmetic |
| 3 | . Mrs. D.SINDUJA | Trigonometry |
| 4 | Mr .A.MANI | Differential equation |
| 5 | Mr. K.PUSHPARAJ | Profit and Loss |


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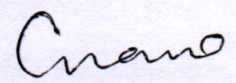
Year/Department :I/ CSE-B

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|---|---|--|--|---|
| 24.04.2023 MONDAY | Differential equation | BREAK | Differential equation | LUNCH BREAK | Differential equation |
| 25.04.2023 TUESDAY | Integral and Differential Calculus | | Integral and Differential Calculus | | Integral and Differential Calculus |
| 26.04.2023 WEDNESDAY | Profit and Loss | | Profit and Loss | | Profit and Loss |
| 27.04.2023 THURSDAY | Trigonometry | | Trigonometry | | Trigonometry |
| 28.04.2023 FRIDAY | Number system & Basic Arithmetic | | Number system & Basic Arithmetic | | Number system & Basic Arithmetic |

| S.NO | FACULTY NAME | COURSE TITLE |
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DEPARTMENT OF SCIENCE AND HUMANITIES**VALUE ADDED COURSE ON "FUNDAMENTALS OF MATHEMATICS"**

(24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023)

Year/Department :I/EEE

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|---------------------------------------|--|---------------------------------------|---|--|
| 24.04.2023 MONDAY | Integral and Differential Calculus | BREAK | Integral and Differential Calculus | LUNCH BREAK | Integral and Differential Calculus |
| 25.04.2023 TUESDAY | Trigonometry | | Trigonometry | | Trigonometry |
| 26.04.2023 WEDNESDAY | Differential equation | | Differential equation | | Differential equation |
| 27.04.2023 THURSDAY | Number system & Basic Arithmetic | | Number system & Basic Arithmetic | | Number system & Basic Arithmetic |
| 28.04.2023 FRIDAY | Profit and Loss | | Profit and Loss | | Profit and Loss |

| S.NO | FACULTY NAME | COURSE TITLE |
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[Signature]
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VALUE ADDED COURSE ON "FUNDAMENTALS OF MATHEMATICS"

(24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023)

Year/Department :I/ECE

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|---------------------------------------|--|---------------------------------------|---|--|
| 24.04.2023 MONDAY | Trigonometry | BREAK | Trigonometry | LUNCH BREAK | Trigonometry |
| 25.04.2023 TUESDAY | Number system & Basic Arithmetic | | Number system & Basic Arithmetic | | Number system & Basic Arithmetic |
| 26.04.2023 WEDNESDAY | Integral and Differential Calculus | | Integral and Differential Calculus | | Integral and Differential Calculus |
| 27.04.2023 THURSDAY | Profit and Loss | | Profit and Loss | | Profit and Loss |
| 28.04.2023 FRIDAY | Differential equation | | Differential equation | | Differential equation |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|------------------|------------------------------------|
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VALUE ADDED COURSE ON "FUNDAMENTALS OF MATHEMATICS"

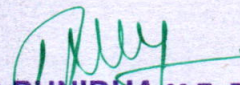
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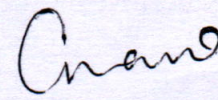
Year/Department : I/ AI&DS

TIME TABLE

| DATE /DAY | SESSION I (9.30 AM TO 11.00AM) | BREAK (11.00 AM TO 11.15 AM) | SESSION II (11.15 AM TO 1.00PM) | BREAK (1.00 PM TO 01.45 PM) | SESSION III (1.45 PM TO 4.30 PM) |
|-------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--|
| 24.04.2023 MONDAY | Number system & Basic Arithmetic | BREAK | Number system & Basic Arithmetic | LUNCH BREAK | Number system & Basic Arithmetic |
| 25.04.2023 TUESDAY | Profit and Loss | | Profit and Loss | | Profit and Loss |
| 26.04.2023 WEDNESDAY | Trigonometry | | Trigonometry | | Trigonometry |
| 27.04.2023 THURSDAY | Differential equation | | Differential equation | | Differential equation |
| 28.04.2023 FRIDAY | Integral and Differential Calculus | | Integral and Differential Calculus | | Integral and Differential Calculus |

| S.NO | FACULTY NAME | COURSE TITLE |
|------|------------------|------------------------------------|
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Report on Value Added Course

Title: "FUNDAMENTALS OF MATHEMATICS"

Resource Person:

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3. Mrs. D.SINDUJA – Trigonometry
4. Mr .A.MANI – Differential equation
5. Mr.V. MANOHARAN – Integral and Differential Calculus

Date of conduct from : (24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023) Duration: 30 Hours

Organized Department : Science And Humanities

Participant Year: I Semester: EVEN No. of Students Registered : 274

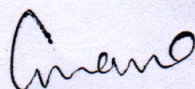
Venue: B11, B12, B13, B14, B16

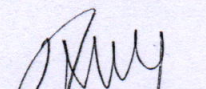
Outcome of Value Added Course (VAC)

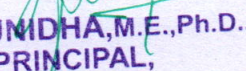
- Develop a connection between daily life contexts and mathematical thinking.
- Develop own methods of performing operations on numbers in daily life (addition, subtraction, multiplication and division).
- Develop language and symbolic notations with standard algorithms of performing number operations.
- No. of students successfully completed the VAC course is **274 Students** based on the following assessment process.

Assessment Process

- Students, who are securing **more than 60% on total score** is eligible to receive the certificate for the VAC course conducted
- Total Score $= (0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$


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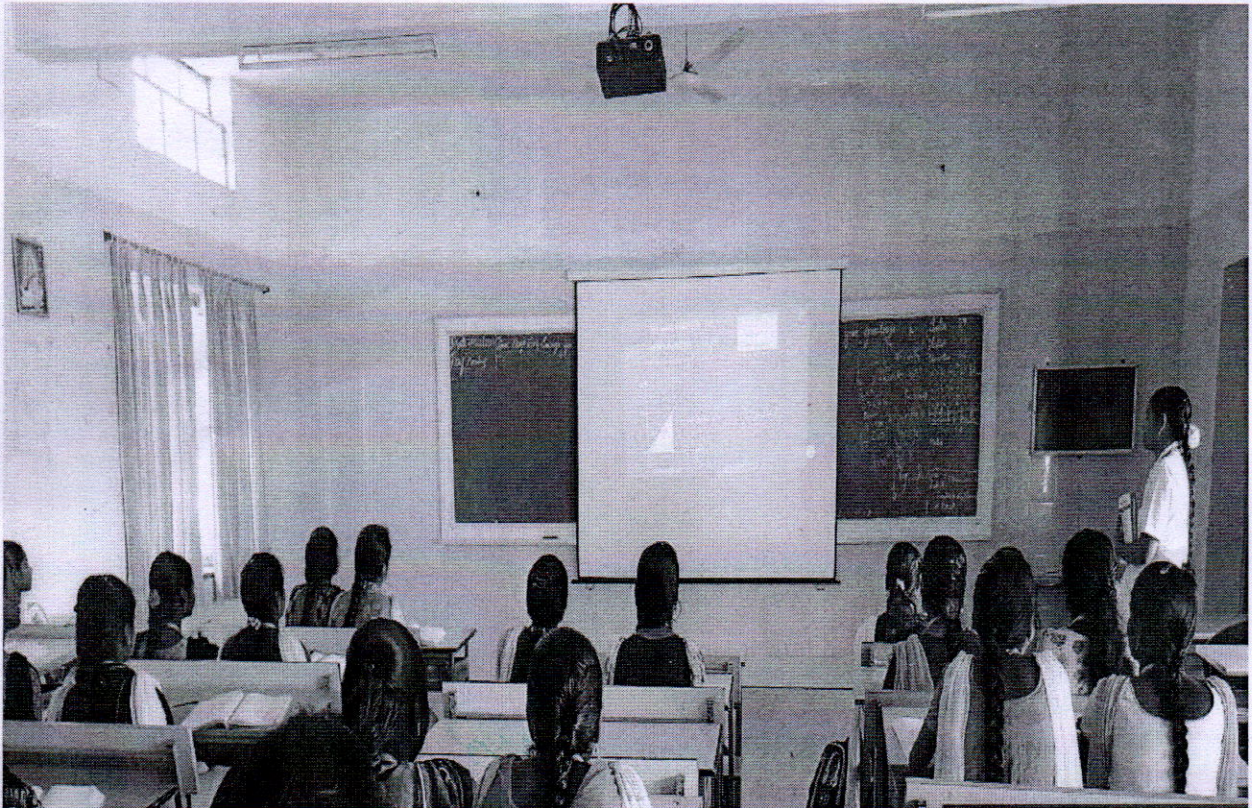
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DEPARTMENT OF SCIENCE AND HUMANITIES

CIRCULAR

VALUE ADDED COURSE ON “FUNDAMENTALS OF MATHEMATICS”

(24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023)



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