

Deviyakurichi- 636 112, Thalaivasal-TK, Salem. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Criterion 1	Curricular Aspects	100
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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 <u>Value added Certificate Programs</u>

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.
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	Civii	_	AUTODISK CIVIL 3D	11	11	4-6
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	ЗЖП	2	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	

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN Deviyakurichi, Salem - 636112.

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

DHA,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, Salem - 636112.

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

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

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112, THALAIVASAL'(TK), SALEM (DT).



Deviyakurichi, Thalaivasal-TK, Salem - 636112.

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	(1					tea to Time	in emitting,	, Chien,	141 20)
	Report on Value Added Course									
Title:	VALUE ADDED COURSE ON "CSI SAP2000"									
Resource	Person:	Chr	J.pascal felix, istal CADD Te happadi, Salem		00 /					
Date of co	onduct fro	om:	01/08/2022		To: 05/08/2022		Duration:	30 H	ours	
Organized	d Departn	nent:	Civil Enginee	ring						
Participar	t Year:	4	Semester:	OI	DD		No. of Students Registered: 11			
Venue:	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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Co-ordinator

HoD/Civi

Principal

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURI PHI 635 11249

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN Deviyakurichi, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF CIVIL ENGINEERING

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.

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, Salem - 636112.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)
DEPARTMENT OF CIVIL ENGINEERING

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

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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HOD/CIVIL



Deviyakurichi, Thalaivasal-TK, Salem - 636112.

	(Ap	prove	ed by AICTE, N	lew .	Delhi,	Affilia	ted to Ann	a University,	Chenn	iai-25)	
			Report	on \	Value	Adde	d Course				
Title:		VALUE ADDED COURSE ON "AUTODESK CIVIL 3D"									
Resource	Person:	Sale	DD Centre Tra em, 115.	ining	g Servi	ices,					
Date of co	onduct fro	om:	26/12/2022		To:	30/12	/2022	Duration:	30 H	ours	
Organized	l Departr	nent:	Civil Enginee	ring	12.519						
Participar	t Year:	4	Semester:	EV	EN		No. of Stu	idents Registe	ered:	11	
Venue: .	Venue: B21, lecture hall, BIEW										
		*	Outcome o	f Va	lue A	dded C	ourse (VA	C)			
> To	Create	digital	models of topo	grap	hy for	land-u	se studies,	transportation	n system	n 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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Co-ordinator

DEVIYAKURICH! - 636 112, THALAIVAŞAL'(TK), SALEM (DT).

Deviyakurichi - 636 112, Thalaivasal-Tk, Salem - Dt.

(Approved by AICTE, New Delhi,

Affiliated to Anna University, Chennai-25)

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.

DEF PUNDHA, N.E., Ph.D.,
PRINCIPAL,

ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112

THALAIVASAL (TK), SALEM (DT).

HOD/CSE



Deviyakurichi - 636 112, Thalaivasal-Tk, Salem - Dt.

(Approved by AICTE, New Delhi,

Affiliated to Anna University, Chennai-25)

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

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

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112, THALAIVASAL (TK), SALEM (DT). HOD/CSE



Deviyakurichi, Thalaivasal-Tk, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

	Re	port o	n Val	ue Add	ed Cours	<u>se</u>			
Title:	ROBOTICS	AND A	AUTO	MATI	ON	7			
Resource Person:	Mr.M.Karthikeyan Pearlsys, Thalaivasal(Tk), Deviyakuchi, Salem.		Pearls Thala	ivasal(Tk) vakurichi,),	Mr.L.Sanmugan Pearlsys, Thalaivasal(Tk), Deviyakurichi Salem.			
Date of conduct from:	18.JAN.2023		To:	24.JA	N.2023	Duration:	36 Hours		
Organized Department:	COMPUTER SCIENCE AND ENGINEERING								
Participant Year:	2/3/4	Seme	ster:	ODD	No. of Students Registered :		230		
Venue: Visves	varaya Seminar Hal	1					u 110		
organization Robotics and experts in automation Many indi	nd Automation is a on's or network sup and Automation is the the field of automator. viduals also know adents successfully	process in porting in the practication to per Robotics	in which order to the where orform a and At	h an indiv to exploit e in the fir ctivities the atomation	system vulr m that own hat help then as Virtual	ates real-world applicates real-world applicates and test system test the Robotic production augmented and Robot Students based on	stem defenses. ystem allows ocess ics and Industry		
		A	ssessm	ent Proce	ess				
course conducte	ed					o receive the certifica			
V 0.	1 0	W	1 1 1	٨.		Aug	•		
VAC Co-	ordinator	14	HoD/C	SE		Principal	1		

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



Deviyakurichi, Thalaivasal-Tk, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Report on Value Added Course ROBOTICS AND AUTOMATION Title: Mr.M.Karthikeyan Mr.K.Manoj Mr.L.Sanmugam Pearlsys, Pearlsys, Pearlsys, Thalaivasal(Tk), Thalaivasal(Tk), Thalaivasal(Tk), Resource Person: Deviyakuchi, Deviyakurichi Deviyakurichi, Salem. Salem. Salem. Date of conduct 18.JAN.2023 To: 24.JAN.2023 Duration: 36 Hours from: Organized COMPUTER SCIENCE AND ENGINEERING Department: Participant Year: ME-1/2 No. of Students Registered: 22 Semester: ODD Venue: Visvesvaraya Seminar Hall

Outcome of Value Added Course (VAC)

- Robotics and Automation is a process in which an individual simulates real-world applications on an
 organization's or network supporting in order to exploit system vulnerabilities and test system defenses.
- Robotics and Automation is the practice where in the firm that owns the network or the system allows
 experts in the field of automation to perform activities that help them test the Robotic process
 automation.
- Many individuals also know Robotics and Automation as Virtual augmented and Robotics and Industry
 No. of students successfully completed the VAC course is <u>22 Students</u> 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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Co-ordinator

Hobelste

Prineipal

Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICH! - 636 112,
THALAIVASAL (TK), SALEM (DT).
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Deviyakurichi, Thalaivasal-Tk, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

One Week Value Added Course "Robotics and Automation" Dated on 18.01.2023-24.01.2023





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

Deviyakurichi - 636 112, Thalaivasal-Tk, Salem - Dt. (Approved by AICTE, New Delhi,

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)

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

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

HOD/CSE



Deviyakurichi - 636 112, Thalaivasal-Tk, Salem - Dt.

(Approved by AICTE, New Delhi,

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	(9.30 AM to 11.00 AM to 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 Mac Learning Mr.T.Sathiskumar	Break	Difference Between Machine L 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 Thomps Sampling -Reinforcem 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
24.01.2023 Monday	Deep Learning Mr.T.Sathiskumar	Break	Meta-Learning in Machine Learning Mr.R.Mani	Break	Q-Learning in Python Mr.S.Harish

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112, THALAIVASAL'(TK), SALEM (DT).

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Deviyakurichi- 636 112, Thalaivasal-Tk, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

	Report on Value Added Course										
Title:	1	MACHINE LEAD	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 co	nduct	17.JUL.2023		То:	To: 24.JUL.2023		Duration:	36 Hours			
Organized Department		COMPUTER SCIENCE AND ENGINEERING									
Participant Year: 2/3/4 Semest			ter: EVEN N		No. of Students Registered:		230				
Venue:	Visvesv	araya Seminar Hall									
		Onto		7-1	21.16	OZAC)					

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 Deap 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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Co-ordinator

BHARATHIYAR INSTITUTE OF

ENGINEERING FOR WOMEN, DEVYAKURICH! 636 112. DEVIYAKURION: "BOS LIE (DT).
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Deviyakurichi- 636 112, Thalaivasal-Tk, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

		Rep	ort on	Value Ado	ded Course						
Title:		MACHINE LEA	MACHINE LEARNING USING PYTHON								
Resource		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 co from:	nduct	17.JUL.2023		To: 24.JUL.2023		Duration:	36 Hours				
Organized Department: COMPUTER SCIENCE AND ENGINEERING											
Participant Year: ME-1/2 Semes		Semeste	er: EVEN	No. of Students	Registered:	22					
Venue:	Visvesv	araya Seminar Hall				ED LESS TO					

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 Deap Learning.
- Many individuals also know Meta-Learning in Machine Learning applications.
- No. of students successfully completed the VAC course is <u>22 Students</u> 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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Co-ordinator

HøD/CSE

THALAIVASALPage 45Lofv497

Principal



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





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,
DEVIYAKURICH! - 636 112,

THALAIVASAL'(TK), SALEM (DT).

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,
BHARA HIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
DEVIYAKURICH! - 636 112,
THALAIVASAL'(TK), SALEM (DT).



Deviyakurichi, Thalaivasal-TK, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

			Repo	rt on Valu	e Added	Course					
Title:	ART	ARTIFICIAL INTELLIGENCE									
Resource	Person		E.VISWANATI IMUS TECHN		S,SALE	M					
Date of co	nduct	from:	18.JAN.2023	To:	23.JA	AN.2023 Duration:		30 Hours			
Organized	Depa	rtment :	Electrical and	Electrical and Electronics Engineering							
Participant Year: 2, 3		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)

- 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 <u>62 Students</u> 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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

VAC Co-ordinator

HOD/ EEE

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

DEVIYAKURICH! - 636 112, THALAIVASAL (TK), SALEM (DT).



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

2,3 &4

Semester:

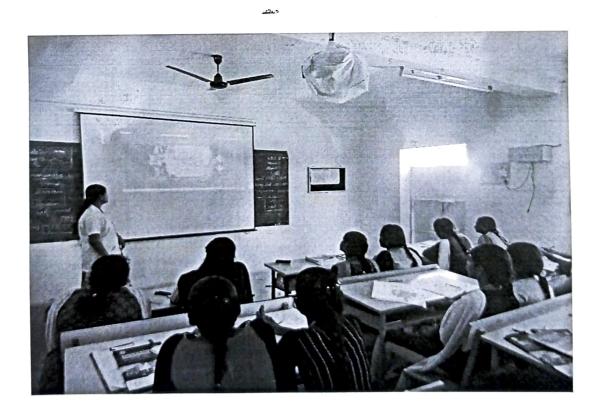
ODD

No. of Students Registered:

62

Year:
Venue:

Lecture Hall - B11, B - Block, First floor, BIEW



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

Page 20 of 49



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICHI, 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.

DIR PUNDHA.M.E.,Ph.D.,

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.

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 Electric Vehicles 18.07.2023 Electric Vehicle Vehicle Batteries		Break	Hybrid Electric Vehicles	Break	Energy Consumption Modeling In Electric Vehicles	
		Break	Types of batteries	Break	EV Challenges in future	
19.07.2023 Wednesday	Accelerate EV Brea		Classification of EV	Break	Electric Trucks	
20.07.2023 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	

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112, THALAIVASAL'(TK), SALEM (DT).



Deviyakurichi, Thalaivasal-TK, Salem - 636112.

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

Report on	Value Add	led 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:**

Organized Department: **Electrical and Electronics Engineering**

Participant

2,3 &4

Semester:

EVEN

No. of Students Registered:

62

30 Hours

Venue:

Year:

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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

Co-ordinator

UNIDHA.M.E.,Ph.D., PRINCIPAL,

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN. DEVIYAKURICH! - 636 112. THALAIVASAL'(TK), SALEM (DT).



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:

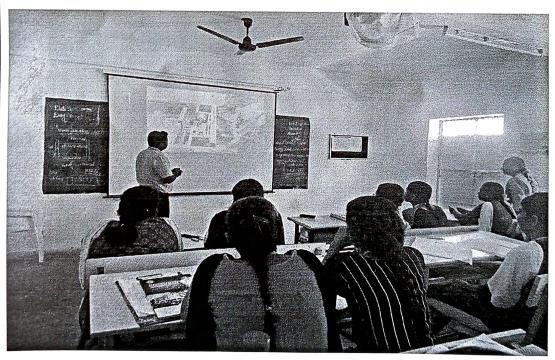
EVEN

No. of Students Registered:

62

Venue:

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



جيدلك

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

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, DEVIYAKURICH! - 636 112,

THALAIVASAL (TK), SALEM (DT).

HOD/ECE

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)
02.01.023 Monday	Inauguration and Introduction	Break	Importance of wearable technology	Break	Applications of wearable technology
03.01.2023 Tuesday			Wearable smart devices	Break	E-wearables
04.01.2023 Wednesday	processing for		Technical challenges	Drook	
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.,

BHARATHIYAR INSTITUTE OF

ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112.

THALAIVADAL (TK), SALENI (DT).

HOD/ECE



Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

	(A _I	pproved	by AICTE, I	New	Delhi,	Affilia	ted to An	na University	, Cher	nai-25)	
			Report	on '	Value	Adde	d Cours	<u>e</u>			
Title: WEARABLE TECHNOLOGY											
Resource	Person:		amani, imus Technocrates (India) Pvt Limited, m.								
Date of co	onduct fro	om : (2.Jan.2023		To:	06.Ja	n.2023	Duration:	30 H	Iours	
Organized	l Departn	nent : I	Electronics a	nd C	ommu	nicatio	n Engine	ering			
Participant Year: 2,3 & 4 Semester				OD	D		No. of St	udents Registe	ered:	171	
Venue:	Visvesv	araya Se	eminar Hall								
			Outcome	of V	alue Ad	lded Co	urse (VAC	C)			
ThNo	e students	s can unde		wear	rable de			for self monitor lents based on t		owing	
				Asse	essmen	t Proces	SS				
course c	conducted							receive the cer			
£ v). vrt AC Co-o	trdinator				5	Jewy Hod/EC	6	() P	ZWY	

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



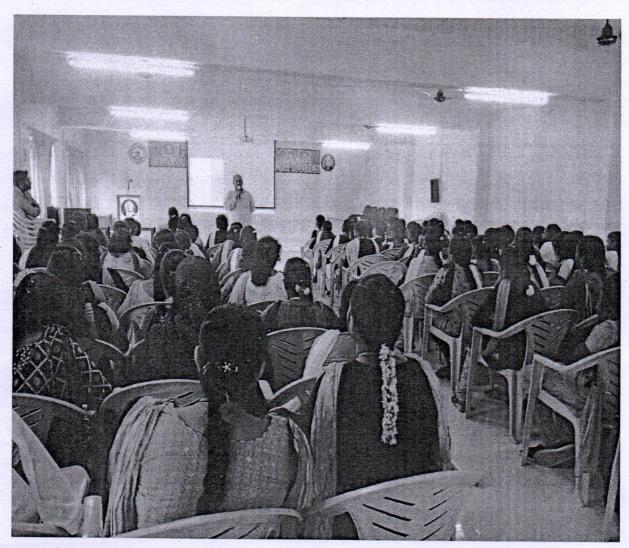
Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

	(A	pprove	d by AICTE, I	New	Delhi,	Affilia	ted to An	na University	, Cher	nai-25)		
			Report	on '	Value	Adde	d Cours	<u>e</u>				
Title:	WEAF	RABLE	BLE TECHNOLOGY									
Resource		Opti Sale	mani, mus Technocr m.	ates	(India) Pvt L	Limited,					
Date of co	onduct fr	om:	02.Jan.2023		To:	06.Ja	n.2023	Duration:	30 H	Iours		
Organized	l Departi	ment:	M.E- Commu	ınica	tion S	ystems						
Participan Year:	t	1 & 2	Semester:	OD	D		No. of Students Registered:			16		
Venue:	Visvesv	araya S	Seminar Hall									
• Th	estyle cha e student	inges and s can un ents succ	le to understand d prevent health derstand that the essfully complete	issue wear	es. rable de	evices ca	an be used t	for self monitor	ing.			
				Asse	essmen	Proces	SS					
• Total So	conducted	l 5 *Atten	ng more than 60									
	AC Co-o		r		120	0	HoD/ EC	C		fincipal		

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

Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

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



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

Deviyakurichi , Thalaivasal-Tk, Salem Dt- 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

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.

PRINCIPAL.

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,

OF VIYAKURICH! - 636 112,

THE LAIVASAL (TK), SALEM (DT).

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

VALUE TO THE TOTAL THE TOTAL TO THE TOTAL TOTAL TO THE TO									
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				

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

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112.

THALAIVASAL (TK), SALEM (DT).

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HOD/ECE



Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112. (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

			Report	on '	Value	Adde	d Course	2				
Title:	PCB D	ESIGN	SIGNING									
Resource	Person:	CEO	Mr.S.Sundara Moorthy, CEO, Sunshiv Electronic Solutions, Coimbatore.									
Date of c	onduct fr	om:	11.Jul.2023		To:	15.Ju	1.2023	Duration:	30 H	lours		
Organize	d Departi	nent:	Electronics ar	nd C	ommu	nicatio	n Enginee	ring				
Participant Year: 2,3 &			Semester:	EV	EN		No. of Str	udents Registe	ered:	171		
Venue:	Visvesv	araya S	Seminar Hall									
• Tl en	e may not he student ngineers in	able to a s can un the indepents successive	le to understand make any electro derstand that PC ustry to work in restricted to the sessfully completed.	that tonics B des	the PCB part. sign is a rch and	is the f manda develop	tory skill fo	of electronics a	and ele	ctrical		
				Asse	essment	Proces	SS					
course	conducted		ng more than 60 dance in VAC or									
	S. pr		r			5	Joenne HoD/ECE	4	(A	VM		

DER. PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
THE VIYAKURICH! - 636

HUMBHE (IK), SALLIN, UI).



VAC Co-ordinator

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 I	PCB DESIGNING									
Mr.S.Sundara Moorthy,											
Resource Person: CEO,											
Sunshiv Electronic Solutions,											
				atore.							
Date of co	onduct f	rom:	11	L.Jul.2023		To:	15.Ju	1.2023	Duration:	30 H	lours
Organize	d Depart	ment:	M	I.E- Commu	nica	tion S	ystems				
Participar			_								
Year:	1 & 2		Semester:	EV	EN		No. of Stud	dents Registe	ered:	16	
Venue:	Visves	varaya	Sen	ninar Hall							
Outcome of Value Added Course (VAC)											
								foundation of	f electronics a	and wit	hout the
				to make any el							
									all electrical a	ind ele	ctrical
				ry to work in i					1000	0.11	
				stully complet	ed th	ie VAC	course	is 16 Studen	ts based on the	e folic	wing
as	sessment	process	•								
					Asse	essment	Proces	SS			
 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) 											
~	9. vi	tt		* 1			Ç	Jours		. ,	MILL

Dr.R.PUNIDHA, M.E., Ph.D.,
PRINCIPAL,
BHARATHIYAR INSTITUTE OF
ENGINEERING FOR WOMEN,
IYAKURICH! - 636 112,
Page 33 OF 49AL (TK), SALEM (DT).



Deviyakurichi- 636 112, Thalaivasal-TK, Salem - 636112. (Approved by AJCTE, New Delhi, Affiliated to Anna University, Chennai-25)

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



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



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 ENGINEERING FOR WOMEN.

DEVIYAKURICH! - 636 112, THALAIVASAL (TK), SALEM (DT).



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

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

ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112, THALAIVASAL'(TK), SALEM (DT).

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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)

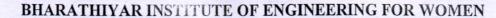
Year/Department : I/EEE

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		Listening and Speaking skills		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	BREAK	BREAK	Reading and Writing skills	LUNCH BREAK	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 TITTLE
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

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





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/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		Non-Verbal communication	3	Non-Verbal communication
22.11.2022 TUESDAY	Verbal communication		Verbal communication	LUNCH BREAK	Verbal communication
23.11.2022 WEDNESDAY	Listening and Speaking skills	BREAK	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 TITTLE
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

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

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112,

THALAIVASAL'(TK), SALEM (DT).

Page 38 of 49

mans HOD/S&H



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/ 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	Verbal		Verbal		Verbal
MONDAY	communication		communication		communication
22.11.2022	Enriching		Enriching		Enriching Vasabulan
TUESDAY	Vocabulary	5.7.2.	Vocabulary		Enriching Vocabulary
23.11.2022	Non-Verbal		Non-Verbal	LUNCH	Non-Verbal
WEDNESDAY	communication	BREAK	communication	BREAK	communication
24.11.2022	Reading and Writing		Reading and		Reading and Writing
THURSDAY	skills		Writing skills		skills
25.11.2022	Listening and		Listening and		Listening and
FRIDAY	Speaking skills		Speaking skills	100	Speaking skills

S.NO	FACULTY NAME	COURSE TITTLE
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

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- 636 112, Thalaivasal-TK, Salem -DT

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Date of conductors of conducto	rson: uct fro epartm	1 .Dr. 2. M 3. M 4. M 5. M m:	CATION EN R.KOHILA - rs.G.KAVITH rs.S.PRIYA - 1 rs.R.RAJESHV r.P.MANIKAN	Listening and A - Verbal co Non-verbal co WARI - Read NDAN - Enri 22.11.2022, 2:	d speak ommur ommur ding an iching v	king skills nication nication nd Writing skills	Duration:	30
Date of conductors of conducto	uct fro	2. M 3. M 4. M 5. M	rs.G.KAVITH rs.S.PRIYA - 1 rs.R.RAJESHV r.P.MANIKAN 21.11.2022, 2	A - Verbal co Non-verbal co WARI - Read NDAN - Enri 22.11.2022, 2: 25.11.20	ommur ommur ding an iching v	nication nication nd Writing skills vocabulary	Duration:	
Organized Dep Participant Yes Venue: B11 Develo Product Develo No. of followi	epartm ear:	nent:	Science And H	25.11.20		022, 24.11.2022,	Duration:	
Participant Yea Venue: B11 Develo Product Develo No. of followi	ear:	1		umanities				Hours
Develo Produce Develo No. of following			Semester:					:
 Develo Production Develo No. of following 	1, B12	B13		ODD		No. of Students F	Registered:	274
ProductDeveloNo. of following		, 515,	B14, B16					
ProductDeveloNo. of following			Outcome	of Value Add	led Cou	urse (VAC)		
Students, wh	uce wo elop vo f stude	ords with cabulatents suc	th right pronunction and improve coessfully compent process.	nciation. e the accurac		ammar. ırse is <u>276 Studen</u>	<u>nts</u> based on t	he
Students, wh				Assessment 1	Process	S		
course condu	ducted					eligible to receive t + 0.5 *Test mark in		

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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)



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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" (24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, 28.04.2023)

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		Profit and Loss	in the	Profit and Loss
25.04.2023 TUESDAY	Differential equation	BŘEAK	Differential equation	LUNCH BREAK	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 TITTLE
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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ENGINEERING FOR WOMEN, DEVIYAKURICH! - 636 112, THALAIVASAL (TK), SALEM (DT). Cherry HOD/S&H

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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/ 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		Differential equation		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	BREAK	Profit and Loss	LUNCH BREAK	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 TITTLE	
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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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 TITTLE	
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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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		Trigonometry		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	BREAK	Integral and Differential Calculus	LUNCH BREAK	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 TITTLE	
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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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/ 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	Number system &		Number system &		Number system &
MONDAY	Basic Arithmetic		Basic Arithmetic		Basic Arithmetic
25.04.2023	Profit and Loss		D Ct 11		Profit and Loss
TUESDAY	Profit and Loss		Profit and Loss		
26.04.2023					
WEDNESDAY	Trigonometry	BREAK	Trigonometry	LUNCH	Trigonometry
27.04.2023	Differential		Diff. did di	BREAK	Differential
THURSDAY	equation		Differential equation		equation
28.04.2023 FRIDAY	Integral and		Integral and		Integral and
	Differential				Differential
IMDAT	Calculus		Differential Calculus		Calculus

S.NO	FACULTY NAME	COURSE TITTLE		
1 .	Mr.V. MANOHARAN	Integral and Differential Calculus		
2	Mrs. R.SHALINI	Number system & Basic Arithmetic		
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Report on	Value	Added	Course
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Title:

"FUNDAMENTALS OF MATHEMATICS"

1. Mrs. R.SHALINI - Number system & Basic Arithmetic

2. Mr. K.PUSHPARAJ - Profit and Loss

Resource Person:

3. Mrs. D.SINDUJA - Trigonometry

4. Mr.A.MANI - Differential equation

5. Mr. V. MANOHARAN - Integral and Differential Calculus

30 (24.04.2023, 25.04.2023, 26.04.2023, 27.04.2023, Duration: Date of conduct from: Hours 28.04.2023) Science And Humanities Organized Department: 274 Semester: **EVEN** No. of Students Registered: I Participant Year:

B11, B12, B13, B14, B16 Venue:

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 <u>274 Students</u> 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 *Attendance in VAC out of 100 percentage + 0.5 *Test mark in VAC out of 100 marks)

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