#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

#### KUMBAKONAM - 612 001





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#### CRITERION I - CURRICULAR ASPECTS

#### 1.3 Curriculum Enrichment

1.3.2 Certificate Courses/Value-added Courses

### Value added Courses

### Department of Physics 2022-2023

#### **Certificate**

- 1. Domestic Electrical Appliances
- 2. Audio and Video Systems for Layman
- 3. Mathematical Physics for Beginners
- 4. Nanoscience and Nanotechnology
- 5. Research Methodology



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	Register Number <u>U21PH1TOS</u> has completed the Value Added
	Course on AUDTO AND VIDEO SYSTEMS FOR LAYMAN
	offered by Department of PHYSTLS from 27.01.2023 to
	15.02.202z for 30 hours in the Academic Year 2022 - 2023.
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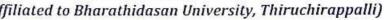
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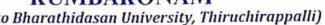


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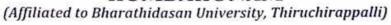
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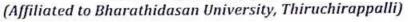




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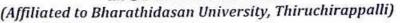
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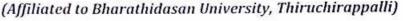
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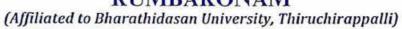


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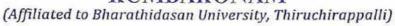
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Course on DOMESTIC ELECTRICAL APPUANCE	
offered by Department of PHYSICS	50
23. 01. 2023 for 30 hours in the Academic Year 20	
	2 3
Course Coordinator Head of the Department Co	entreller of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This	is to cer	tify that	V.VINITHA	
Register Number	P21 PH	026. has con	npleted the	Value Added
Course on				
offered by Departn	nent of	PHYSICS	from	17.02.2023 to
07.03. 2023 for 30	hours in th	he Academic Ye	ear 2022 - 2	023
			2	mas
Course Consdington	Head.	of the Dennatment	Cantraller	of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This	is to certify	that	B. SUVE	DHA	
Register Number _	P21PH025	has	completed	the	Value Adde
Course onN	ANOSCIENCE	AND	NANOTEC	HNOL	)GLY
offered by Departm	ent of	PHY.370	2	from _	17.02.2.023 t
07. 03. 2023 for 30 h	ours in the A	cademi	Year 20	2.2 - 2	02.3
A1/	drol	$\wedge$		James	n.S.
Course Coordinator	Head of th	e Departm	ent Cor	troller o	f Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This	is to certify that	BHABHINI
Register Number _	P21PH0214 has complete	ted the Value Added
Course on	NANDSCIENCE AND NAN	DOTECHNOLDGY
offered by Departm	ent of Physics	from to
07. 03. 2.02.3 for 30 h	ours in the Academic Year_	2022 - 2023
	0.00	2mm B
Course Coordinator	Head of the Department	Controller of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This	is to certify	that B.S.	NEHA	
Register Number _	P21 PH023	has comple	ted the	Value Added
Course onN	ANDSCIEN	ICE AND N	ANOTECH	NOLOGY
offered by Departme	ent of	PHYSICS	from _	17.02.2023 to
04 .03.2023 for 30 h	ours in the A	Academic Year_	2022-2	2023
	Δ Δ		1	3
Course Coordinator	Head of t	he Department	Centreller	of Examinations



## GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

(Affiliated to Bharathidasan University, Thiruchirappalli)

## **VALUE ADDED COURSE** CERTIFICATE

This i	s to certify that	C. STUANTH	
	PAAPHOLL has con		
Course onNA	NOSCIENCE AND	NANOTECHA	orogy
offered by Departme	ent of Physics	from	17.02.2023 to
	ours in the Academic Ye	2	nm St.
Course Coordinator	Head of the Department	Controller	of Examinations



Course Coordinator

#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

(Affiliated to Bharathidasan University, Thiruchirappalli)

## VALUE ADDED COURSE CERTIFICATE

This	s is to certi	ify that_	K.SHYAMA	LADE	IVI
Register Number	P21 PHO2	has	completed	the	Value Added
Course on	NANDSCT	ENCE A	ONAN CUA	THEH	NOTORA
offered by Departi	ment of	PHYST	20	from	17.02.2023 to
07.05.2023 for 30	hours in the	e Academ	ic Year 20	22 - 2	1023.
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Head of the Department

Controller of Examinations



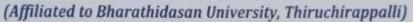
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This is	to certify	y that T. Ay	EESHA B	ANU
Register NumberP	21 PH 005	has comple	eted the	Value Added
Course onN	ANOSCIFA	CE AND N	ANOTECH	NOLOBY
offered by Departme	nt of	PHYSICS	from	17. 02. 2023 to
01 03 2015 for 30 ho	ours in the	Academic Year	2022-2	023
	A A	^	2m	non Si
Course Coordinator	Head of	the Department	Controller	of Examinations



Course Coordinator

#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM



#### VALUE ADDED COURSE CERTIFICATE

This	s is to cer	tify that_	V- ASWI	NI		
Register Number	P21 PHO	o4 has	completed	the	Value	Added
Course on	NANOSCI	ENCE A	TOMA CU	ECHN	ولم والم	
offered by Departi	ment of	PHYSIC	3	from	17-02-	2,023 to
01.02.2023 for 30	hours in t	he Academ	ic Year	022-2	1023.	
4./		220		2	mon B	-

Head of the Department

Controller of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

Thi	s is to cert	ify that	R. ANIT	НА		
Register Number					Value Add	ded
Course on						
offered by Departi						to
07.03.2023 for 30						
				^	B	
Cause Coordinator	Hond of	the Department		grad		1



(Affiliated to Bharathidasan University, Thiruchirappalli)

This is	s to certify that	J. AKSHYA
Register Number	21 PH002 has com	pleted the Value Added
Course onNA	NOSCIENCE AND N	PANOTENOLOGY
offered by Departme	nt of PHYSICS	from 17.02.2023to
01. 03. 2023 for 30 ho	ours in the Academic Yea	ar 2022-2023.
Course Coordinator	Hend, of the Department,	Controller of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This is	s to certify that	AARTHI
Register Number	21PHODA has compl	leted the Value Added
	DOSCIENCE AND NA	
offered by Departme	nt of PHYSTCS	from _17.02.2023_ to
07. 03.2023 for 30 ho	urs in the Academic Year	2022 - 2023.
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Course Coordinator	Head of the Department	Controller of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This is	s to certify that R.R.	YAZHINI	
	Parphore has comple		4
	NOSCIENCE AND NA		^
offered by Departme	nt of PHYSTOR	from 17.02.2023 to	
07. 05. 2023 for 30 ho	urs in the Academic Year_	2022-2023	
	4	2	-
Course Coordinator	Head of the Department	Controller of Examinations	1000



(Affiliated to Bharathidasan University, Thiruchirappalli)

This	is to certify	that	M. VIDHI	VARS	HINI
Register Number _	Разриозц	has	completed	the	Value Added
Course onNA	NOSCIENCE	AND	NANOTE	HVIOT	DONY
offered by Departm	ent of PH	y sics		from	17.02.2023to
07.05.2025 for 30 h	ours in the Ad	cademi	c Year	022-	2023.
4	0.00			2	m 8
Course Coordinator	Head of the	Departn	rent Con	rtroller	of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This is	to certify that <u>E</u>	VEMBU
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		oleted the Value Added
Course onNAM	NOSCIENCE AND NA	ANOTECHNOLOGY
offered by Departmen	nt of Physics	from to
67.63.2023 for 30 hor	urs in the Academic Year	r 2022-2023
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M	all.	Controller of Examinations
Course Coordinates.	Head of the Henartment	Controller of Excumunitions 2



(Affiliated to Bharathidasan University, Thiruchirappalli)

This is to certify that N. VANTHANA
Register Number Parphora has completed the Value Added
Course on NANDSCIENCE AND NANDTECHNOLOGY
offered by Department of PHYSICS from 17.02.2023 to
or. 03. 2023 for 30 hours in the Academic Year 2022-2023.
Course Coordinator Head of the Department Controller of Examinations



(Affiliated to Bharathidasan University, Thiruchirappalli)

This is to certify that C. SWETHA
Register Number P22 PHO21 has completed the Value Added
Course on NAND SCIENCE AND NANOTECHNOLOGY
offered by Department of PHYSTES from 17.02.2023 to
pt. 03. 2023 for 30 hours in the Academic Year 2022. 2023.
B
Course Coordinater Head of the Department Controller of Examinations



## GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

(Affiliated to Bharathidasan University, Thiruchirappalli)

This is to	certify that K. BH	IUVANASHWARI	
Register Number P22	PHO05 has compl	eted the Value Added	
Course onNANOS			
offered by Department of	f Physics	from 17.02.2023 to	1
67.02. 2.025 for 30 hours	in the Academic Year	2022-2023	
Course Coordinator H	lead of the Department	Controller of Examinations	The Court



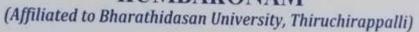
Course Coordinator

#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

(Affiliated to Bharathidasan University, Thiruchirappalli)

Thi	is is to certify	that G. A	ARCHANA	
Register Number	P19 PH 004	has compl	eted the	Value Added
Course on	ANDSCIENCE	AND NAND	TECHNOLOG	×y
offered by Depart	ment of	HySIC5	from _	17.02.0023 to
07.03.2023 for 30	hours in the A	cademic Year	20212 - 20	275
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This is to certify that 8.	AGATHIYA
Register Number P22 PH003 has comp	
Course on NANOSCIENCE AND N	
offered by Department of Physics	from 17.02.2023_ to
อา.อง. 2025 for 30 hours in the Academic Yea	r_2023 - 2023.
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Course Coordinator Head of the Department	Controller of Examinations
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(Affiliated to Bharathidasan University, Thiruchirappalli)

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Register Number		rtify that oo2has com		
Course on	NANDSC	IENCE AND	NANOTECHA	DLOWY
offered by Departn	nent of	PHYSICS	from	17.02.2023 to
07.03.2023 for 30	hours in ti	he Academic Yea	ir 2022 - 20	25.
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Course Coordinator

Head of the Department

Controller of Examinations





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(Affiliated to Bharathidasan University, Thiruchirappalli)

### VALUE ADDED COURSE CERTIFICATE

Register Number P2	2PH001 has com	pleted the Value Added
Course on NANO Sc	FNCE AND NANOT	ENOLOGY
offered by Department	of PHYSICS	from _17.02.2023 to
07. 03. 2023 for 30 hou	rs in the Academic Yea	ar_2022 - 2023
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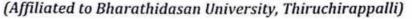
Course Coordinator

Head of the Department

Controller of Examinations







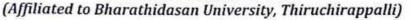
	s to certify that	
Register Number	Рээ <u>Рногт</u> has comple	eted the Value Added
	RESFARCH METHODOL	
offered by Departme	nt of PHYSICS	from <u>01.04.2023</u> to
<u> </u>	urs in the Academic Year	2n22 - 2n23 .
	00 —	Jonan B.
Course Coordinator	Head of the Department	Controller of Examinations



## **VALUE ADDED COURSE**

	CERTIFIC	ATE	
This i	s to certify that	M.NITH.YA	
Register Number	<u> P22 PH 016</u> has	completed the	Value Added
Course on	RESEARCH METHOD	огову	
offered by Departme	ent of PHYSICS	s from	01.04.2023 to
21.04.2028 for 30 ho	ours in the Academic	c Year <u>งงสม- &amp;</u>	033
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Course Coordinator	Head of the Departm	ent Controlle	of Examinations
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This is	s to certify that <u>B. MA</u>	HALAKSHMĪ	
Register Number	Paarhois has compl	eted the	Value Added
	RESEARCH METHODOL		
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21.04.2023 for 30 ho	urs in the Academic Year	_ನಿಂಸಿನಿ - ನಿಂಸಿ	3
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Course Coordinator	Head of the Department	Controller	of Examinations
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	s to certify that		
Register Number _	P22 PH013 has d	completed the	Value Added
Course on			
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21.04.2023 for 30 ho	ours in the Academic	Year 2022 - 21	023
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Course Coordinator	Head of the Departme	ent <b>Controlle</b>	r of Examinations
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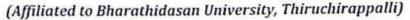
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This i	s to certi	ify that Bk.	HARINI	
Register Number	P22 PHOIS	has comp	leted the	Value Added
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offered by Departme	ent of	PHYSICS	from _	01.04.2023 to
21.04.2023 for 30 he	ours in the	e Academic Year	2022 - 20	23
	Head of	the Bepartment	Controller	of Examinations
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### **VALUE ADDED COURSE**

	CERTIFICAT	7 0	
This is	s to certify that M. Gat	DWSALYA	
Register Number	has comp	leted the Value	Added &
	RESEARCH METHODOLO		
offered by Departme	nt of PHYSICS	from <u>০৷ ০৷ ০</u> ৷ ০	003_ to
21-04-2023 for 30 ho	ours in the Academic Year	r <u>do22 - 2023</u>	
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Course Coordinator	Head of the Department	Controller of Exami	inations 🕏
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### **VALUE ADDED COURSE** CHANA OF REPARED OF CHANGE

•	CERTIFICA	LE	
This is	s to certify that <u>N</u>	GAVATHRI	
Register Numberp	22 PHOIO has con	npleted the Vo	alue Added
Course on	RESFARCH METHODOLO	วไหน	
offered by Departmen	nt ofPHKSICS	from <u>_0</u>	.ομ. 2023 to
<u> ನೀರಿ4.2023</u> for 30 ho	urs in the Academic Ye	ear <u>2022-2028</u>	<u> </u>
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Course Coordinator	Head of the Department	Controller of E	Examinations S
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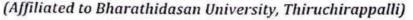


This i	s to certify that D. Divy	A DHARSHINI
		eted the Value Added
Course on	RESEARCH METHODOL	LOG1V
offered by Departme	ent of PHYSICS	from0/-04-2023 to
21.04.2023 for 30 ho	ours in the Academic Year	2022-2023
	22	James B.
Course Coordinator	Head of the Department	Controller of Examinations
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This	is to certify that	S. DHIVYA
Register Number _	<u>Р22 Рн007</u> has comp	leted the Value Added
	RESEARCH METHODOL	
offered by Departm	ent of <u>PHYSICS</u>	fromto
21.04.2023 for 30 h	ours in the Academic Year	2022-2023
	200	James B.
Course Coordinator	Head of the Department	Controller of Examinations
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### **VALUE ADDED COURSE** CENTAL PROPERTY OF THE PARTY OF

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This	s to certif	fy that S. De	<u>E</u> pīka		
Register Number _	P22PHOOL	has complet	ted the	Value Added	i ê
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offered by Departme	ent of	PHYSICS	from	01.04.2023 to	)
21.04.2023 for 30 h	ours in the	Academic Year _	2022 - 20	023	
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Course Coordinator	Head of	the Department	Controller	of Examinations	6
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This	is to certify	that R.RAS	IKA	
Register Number _	PalPHOI9	has completed	d the	Value Added
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Course Coordinator	Head of the	Department (	Controller	of Examinations
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This is	to certify that A RAS	
Register Number <u>P</u>	21PH018 has comple	eted the Value Added
Course on RES	BEARCH METHODOLOGIV	
offered by Department	t ofPHYSICS	from <u>01.04.0003</u> to
<u>21.04.2023</u> for 30 hou	rs in the Academic Year _	2022 - 2023
	22	James Si
Course Coordinator	Head of the Department	Controller of Examinations
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This	is to certify	y thatR.RA	DHA		
Register Number _				Value Added	1 8
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Course Coordinator	Head of t	he Department	Controller	of Examinations	6
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This i	is to certify that8	PRIYADHARSHINI
Register Number	P21PH015 has com	pleted the Value Added
	RESEARCH METHODOL	
		from 01.04.2023 to
21.04.2023 for 30 ho	ours in the Academic Yea	ar_2022-2023
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Course Coordinator	Head of the Department	Controller of Examinations
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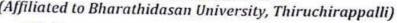


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		eted the Value Added
	RESEARCH METHODOLOG	
		from <u>01.04.2023</u> to
	ours in the Academic Year	
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Course Coordinator	Head of the Department	Controller of Examinations
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This is to certify that	
Register Number Paiphon he	as completed the Value Added
Course on RESEARCH MET	
offered by Department ofPHYS	from 01-04-2023 to
<u> থ-৩৭-২০২২</u> for 30 hours in the Acade	
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Course Coordinator Head of the Depa	extment Controller of Examinations





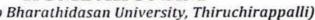
## **VALUE ADDED COURSE**

CERTIFICATE	
This is to certify that S. INDHUMAT	TT.
er Number P21PHO10 has completed the	
on RESEARCH METHODOLOGY	
by Department of PHYSICS from	01·04·2023 to
for 30 hours in the Academic Year 2022-2	023
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	s to certify that		
Register Number	P21PH006 has co	mpleted the	Value Added
Course onRE	SEARCH METHODOLOG	лУ	
offered by Departme	nt of PHYSICS	from_	01 04 2023 to
21.04. 2023 for 30 ho	ours in the Academic Y	ear <u>2022 - 20</u>	23
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O.G. Sella Course Coordinator	Head of the Department	Controller	of Examinations
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This i	s to certify thatS.1	
Register Number	PH21PH007 has comple	eted the Value Added
Course on	RESEARCH METH	юрогосяй
offered by Departme	nt of PHYSICS	from <u>01.04.2023</u> to
21.04.2023 for 30 ho	ours in the Academic Year	2022-2023
	28~	James Sz.
Course Coordinator	Head of the Department	Controller of Examinations
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## GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM

(Affiliated to Bharathidasan University, Thiruchirappalli)

Tnis Register Number _	is to certify t PH21PH009			Value Adde
Course on				
offered by Departm	ent ofPt	148101	from	01.04.2023
21.04.2023 for 30 h	ours in the Acc	ademic Year	2022-202	23
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Course Coordinator	Head of the	Department	Controller	of Examinations
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Th	is is to certify th	hat <u>A</u> .	SUTETHRA		Ų
Register Number	P22PH020	_has compl	eted the	Value Added	9.6
Course on	MATHEMATICAL	PHYSTCS	FOR BE	CAINNERS	
offered by Depart	tment of	PHYSICS	from	11/02/2021 to	
29/03/2023 for 30	O hours in the Aca	demic Year	2022 - 2	023.	
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Course Coordinator	Head of the B	lepartment	Controller	of Examinations	E
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## **VALUE ADDED COURSE**

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Th	is is to certify	that R.SA	NTHANA PA	KETYAM	
Register Number	P22PH019	has comp	leted the	Value Adde	d &
Course on M	ATHEMATICAL	PHYSICS	FOR BEC	ILNNERS	_   ]
offered by Depart	tment of	PHYSICS	from	11/03/2022 t	o
<u>29/03/2023</u> for 30	0 hours in the A	cademic Yea	r <u> 2022 – 2</u>	023.	
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This	s is to certify t	hat	NOFETHA	
Register Number	P22PHOIR	_has complete	ed the	Value Added
Course on	1ATHEMATT CAL	PHYSTCS F	OR BEC	INVERS
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Course Coordinator	Head of the L	Department	Controller o	f Examinations
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T	his is to certify t	hatS. Sow	
Register Numbe	r_U2OPHITO 69	_has completed	the Value Added
Course on	MATHEMATICAL	PHYSICS FOR	BEGONNERS
offered by Depar	rtment of	PHYSICS	from <u>11/03/2023</u> to
29/03/2023 for 3	30 hours in the Acc		2083
Course Coordinate	r Head of the	Department Co	entroller of Examinations



## **VALUE ADDED COURSE**

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	This is to certify	thatK	. 80WMIYA	
Register Nun	nber <u> </u>	has comple	eted the	Value Added
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	This is to certify	that <u>A. ठ</u> ।	NEHAPRI	yA
Register Num	ber <u>U20PHIT064</u>	_has complet	ed the	Value Added
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offered by Dep	partment of	PHYSICS	from	11/03/2023 to
29/03/2023 fo	r 30 hours in the Ac	ademic Year_	2022 - 2	023
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Course Coording	tor Head of the	Department	Controller	of Examinations



Register Number		hat <u> </u>		ue Added
Course on				
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			GENTS COLUMN TO THE TOTAL	
29/03/2023 for 30	hours in the Aca	demic Year	2022 - 2023	·
29/03/2023 for 30	hours in the Aca Head of the L		0 (	3.



	to certify that			
Register Number	20PHITO6¶ has con	npleted	the Value	Added
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29/03/2023 for 30 ho	urs in the Academic Ye	ear <u>2022</u>	- 2023 .	İ
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Course Coordinator	Head of the Department	Cont	troller of Exami	nations 🕏
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Register Numb	er <u> </u>	has comp	oleted	the	Value	Added
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99 03 2023 for	30 hours in the Acad	lemic Yea	r_202	2 - 20	23	İ
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Course Coordinat	or Head of the De	epartment	Con	troller	of Examin	ations §
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13.PL.	Q	<b>A</b> .			~~~	THE WILL



Th	is is to certify t	hatA. 8	SAKTHIPRI)	'A	
Register Number	_U20PHIT057	_has comp	leted the	Value	Added
Course on	MATHEMATICAL	PHYSICS	FOR BE	C1 INNERS	
offered by Depar	tment of	PHYSECS	from	n <u>11/03/</u> \$	2023 to
29/03/2023 for 3	0 hours in the Aca	ıdemic Yeaı	2028 - 8	2023.	
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Course Coordinator	Head of the L	Department	Controll	er of Examin	nations 🖁
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	This is to certify that K. ASHWENT
Register Nun	ber <u>UDOPHITO 44</u> has completed the Value Added
Course on	MATHEMATICAL PHYSICS FOR BEGINNERS
offered by De	partment of PHYSICS from 11/03/2023 to
29/03/2023 fo	r 30 hours in the Academic Year <u>2022 - 2023</u> .
~ W ~ P-	2 da S
Course Coordin	ter Head of the Department Controller of Examinations
237J-W	



Th	is is to certify t	that s	ADUI DASTIVA	
Register Number		has_com	pleted the	Value Added
Course on				
offered by Depart	ment of	PHYSECS	from	11/03/2023 to
<u>291 03   2023</u> for 30	) hours in the Ac	ademic Yea	r_2022-20	023
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Course Coordinator	Head of the	<b>D</b> epartment	Controller	of Examinations
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This i	is to certify that	/ AARTHI
Register Number	U20PHIT042 has comple	eted the Value Added
	ATHEMATICAL PHYSICS	1.3
offered by Departme	ent of PHYSICS	from 11/02/2023 to
29/03/2023 for 30 ho	ours in the Academic Year	2022 - 2023
Q. Wang	Q. d.	Centraller of Examinations
Course Coordinator	Head of the Department	Controller of Examinations
	ea.	



VALUE - 1	VALUE ADDED COURSE CERTIFICATE	
	This is to certify that S.ANUSTY	Α
Register Num	nber <u> </u>	e Value Added
Course on	MATHEMATICAL PHYSICS FOR B	ECTINNERS
offered by Dep	partment of PHYSTCS fro	m _11[03/2083_ to
	or 30 hours in the Academic Year <u> </u>	
Jan. W. re	$\partial A \cap$	2mm B
Course Coordina	ater Head of the Department Contro	ller of Examinations
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237	€a,	





This	s is to certify that c. p	PRIYANKA
Register Number	V20PHIE024 has comple	eted the Value Added
Course on	NATHEMETICAL PHYSICS	FOR BECTINNERS
offered by Departi	nent of PHYSICS	from 11/03/2023 to
29/03/2023 for 30	hours in the Academic Year	2022 - 2023 .
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Course Coordinator	Head of the Department	Controller of Examinations
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237J-w	<b>&amp;</b>	

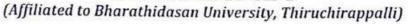


#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM



	CERTI	FICAT	$\mathbf{E}$		
	This is to certify	that	, PEERTHIK	KA	1
Register Nun	nber <u>U20PH1E022</u>	_has comp	leted the	Value Adde	d &
Course on	MATHEMATECAL	PHYSICS	FOR BE	GINNERS	_
offered by De	epartment of	PHYSICS	from	1 <u>1110312023</u> t	0
29/03/2023	for 30 hours in the Ad	cademic Year	r_2022-2	023	
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Course Coordi	nator Head of the	Department	Controlle	er of Examinations	6
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	This is to certify that MALATHE	
Register Numb	per <u>U20PHIE020</u> has completed the	Value Added
Course on	MATHEMATICAL PHYSICS FOR BEG	INNERS
offered by Dep	artment of PHYSICS from	<u>11103/2023</u> <b>to</b>
<u>29/03/2023</u> for	- 30 hours in the Academic Year <u> </u>	23
0 W-P	200	n B
Course Coordina	tor Head of the Department Controller of	f Examinations



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(Affiliated to Bharathidasan University, Thiruchirappalli)

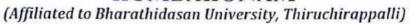
	This is to certify ter			e Added
	MATHEMATICAL			
offered by Depo	artment of	PHYSICS	from _11/03	2023 to
Course Coordinate	30 hours in the Ac		ntroller of Exam	ninations S



	CHARLE	HUM II		- 11
	is to certify the			
Register Number _	U20PHIE018	has completed	the Val	ue Added
Course onM				
offered by Departm	ent of PH	YSICS	from	3/2023 to
29/03/2083 for 30 H	ours in the Acad	emic Year <u>&amp;a&amp;</u>	8 - 2023	<del>2</del> .
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Course Coordinator	Head of the Dep	nartment Cov	rtroller of Exc	minations S
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437-u	8	<b>b</b> .		-all the



### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM



	This is to certify	that G. KE	ERTHIKA	-
Register Num	iber <u> </u>	has completed	the Value Adde	d &
Course on	MATHEMATICAL	PHYSICS FOR	BEGINNERS	_
offered by De	partment of	PHYSTCS	from <u>1110312083</u> t	o
29/03/2023 fo	or 30 hours in the Ad	cademic Year <u>20</u> 8	12 - 2023	
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Course Coordin	rator Head of the	Department C	entroller of Examinations	6
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la Sen		®a.	- PIE	MARK



#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM



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	s is to certify thatM.	
Register Number	U2OPHIE005 has complete	ted the Value Added है
Course on	MATHEMATICAL PHYSICS	FOR BEGINNERS
offered by Depart	ment of PHYSICS	from _11 03 23 to
29/03/2023 for 30	hours in the Academic Year _	2022 - 2023
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Course Coordinator	Head of the Department	Controller of Examinations
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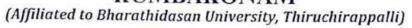




	This is to certify that D. ATCHAYA
Register Num	ber <u> </u>
Course on	MATHEMATICAL PHYSICS FOR BEGINNERS
offered by De	partment of PHYSICS from 11/03/2023 to
29/03/2023 fo	or 30 hours in the Academic Year <u>2022 - 2023</u> .
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Course Coordin	ator Head of the Department Controller of Examinations
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#### GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS) KUMBAKONAM



	This is to certify the	hat <u>k. A</u>	ARTHI
Register Num	ber worhieoo3	_has completed	the Value Added
	MATHEMATICAL		
offered by Dep	partment ofP	HYSICS	from 11/03/2023 to
29/03/2023 fo	r 30 hours in the Aca	ndemic Year _ ೩೦.	22 - 2023 .
Course Coording	ttor Head of the L	Department Co.	ntroller of Examinations



### **VALUE ADDED COURSE** CHINA OREH HERITAGE CHO

CERTIFICATE
This is to certify that A. AARTHI
Register Number Ulophieso has completed the Value Added
Course on MATHEMATICAL PHYBICS FOR BEGINNERS
offered by Department of PHYSICS from 11/03/2023 to
_ <u> </u>
2 W - P - 2 2 5
Course Coordinator Head of the Department Controller of Examinations



This is	to certify t	hat 5.R.	ANITHASRI	
Register Number				
Course onMATH				
offered by Departmen				
29/03/2023 for 30 ho				
Course Coordinator	Head of the		Controlle	of Examinations