

DEPARTMENT OF PHYSICS

i.	Name	Dr. KUMAR DURAIRAJ
ii.	Date of Birth & Age	05/05/1963
iii.	Unique ID	1-7474080559
iv.	Education Qualifications	M.Sc., M.Phil., M.Tech., Ph.D.
v.	Area of Specialization	Biomedical Engineering
vi.	Work Experience (in years)	
	a. Teaching	35
	b. Research	26
	c. Industry	Nil
	d. Others	Nil
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	02
ix.	Research guidance (Number of Students)	BN
	a. Master(Completed/Ongoing)	05
	b. Ph.D.(Completed/Ongoing)	09
x.	No. of Patents	
	a. Filed	Nil
	b. Granted	Nil
xi.	Technology Transfer	Nil
xii.	No. of papers published in Journals/Conferences	56
	a. National	6
	b. International	50
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	2
	b. International	16
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	Two. Mathematical Methods in Biomedical Imaging (MMBI) – 2013 & 2014, Hindawi Publishing Corporation.

i.	Name	Dr. P. GAYATHRI
ii.	Date of Birth & Age	23-08-1983 & 41
iii.	Unique ID	1-7473686089
iv.	Education Qualifications	B.Sc., M.Sc., M.Phil., Ph.D.
v.	Area of Specialization	Crystal Growth and Crystallography (Material Science)
vi.	Work Experience (in years)	
	a. Teaching	20 years
	b. Research	13years
	c. Industry	-
	d. Others	-
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	√
	b. Post Graduate Level	√
viii.	No. of Projects Carried out	01 seed money
ix.	Research guidance (Number of Students)	
	a. Master(Completed/Ongoing)	8 completed/ one ongoing
	b. Ph.D.(Completed/Ongoing)	3 completed /Three ongoing
x.	No. of Patents	
	a. Filed	-
	b. Granted	-
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	1
	b. International	12
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	-
	b. International	23

xiv.	<p>No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)</p>	<p>1. Applied Physics for B.Tech students with ISBN number (978-81-920465-3-2) Periyar Maniammai University & 2011</p> <p>2. One of the Editor First international conference on progress in materials science for sustainable energy, environment and health Jazym publisher 2024, ISBN 9788197113734</p> <p>3. Editor in Proceedings of the International Conference on Recent Advancements in Materials Science and Spectroscopy ISBN: ISBN:978-93-48980-87-8</p> <p>4. Book Title: <i>Laser and Fibre Optics</i> ISBN: 978-93-48980-32-8 Publisher: JAZYM Publications Trichy, INDIA</p>
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i.	Name	Dr. M. HARI KUMAR
ii.	Date of Birth& Age	01.06.1970 & 55 YEARS
iii.	Unique ID	1-7462817423
iv.	Education Qualifications	Ph.D.
v.	Area of Specialization	Molecular Interaction Studies
vi.	Work Experience (in years)	
	a. Teaching	28 years
	b. Research	10 years
	c. Industry	3 years
	d. Others	-
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	yes
	b. Post Graduate Level	yes
viii.	No. of Projects Carried out	-
ix.	Research guidance(Number of Students)	-
	a. Master(Completed/Ongoing)	-
	b. Ph.D.(Completed/Ongoing)	-
x.	No. of Patents	-
	a. Filed	-
	b. Granted	-
xi.	Technology Transfer	-
xii.	No. of papers published in Journals/Conferences	-
	a. National	-
	b. International	-
xiii.	No. of Research Publications in Journals/Conferences	-
	a. National	-
	b. International	-
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-

i.	Name	Dr. J. JAYARUBI
ii.	Date of Birth & Age	19-JUN-1992 & 32 YEARS
iii.	Unique ID	1-7471857652
iv.	Education Qualifications	B.SC., M.SC., PH.D
v.	Area of Specialization	SEMICONDUCTOR PHYSICS
vi.	Work Experience (in years)	
	a. Teaching	4.3 Y
	b. Research	3
	c. Industry	
	d. Others	
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	
ix.	Research guidance (Number of Students)	
	a. Master (Completed/Ongoing)	
	b. Ph.D. (Completed/Ongoing)	
x.	No. of Patents	
	a. Filed	
	b. Granted	
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	
	b. International	11
xiii.	No. of Research Publications in Journals/Conferences	11
	a. National	
	b. International	
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	3

i.	Name	Dr. R. KARTHICK
ii.	Date of Birth & Age	20.05.1985 / 40
iii.	Unique ID	1-7473686121
iv.	Education Qualifications	M.Sc.,M.Tec.,Ph.D.
v.	Area of Specialization	RF MEMS SWITCH
vi.	Work Experience (in years)	
	a. Teaching	16
	b. Research	-
	c. Industry	-
	d. Others	-
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	Yes
	b. Post Graduate Level	Yes
viii.	No. of Projects Carried out	
ix.	Research guidance(Number of Students)	
	a. Master(Completed/Ongoing)	2
	b. Ph.D.(Completed/Ongoing)	-
x.	No. of Patents	
	a. Filed	-
	b. Granted	-
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	
	b. International	3
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	
	b. International	3
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	

i.	Name	Dr. T. BHAGYARAJ
ii.	Date of Birth & Age	11-01-1993 & 43
iii.	Unique ID	1-43389442591
iv.	Education Qualifications	M.Sc., B.Ed., MPhil Ph.D.
v.	Area of Specialization	Theoretical Physics
vi.	Work Experience (in years)	3
	a. Teaching	3
	b. Research	9
	c. Industry	-
	d. Others	-
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	-
ix.	Research guidance (Number of Students)	
	a. Master(Completed/Ongoing)	Completed-3 Ongoing -1
	b. Ph.D.(Completed/Ongoing)	-
x.	No. of Patents	
	a. Filed	-
	b. Granted	-
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	-
	b. International	-
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	-
	b. International	5
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-

i.	Name	Dr. SRIVIND J
ii.	Date of Birth & Age	14/08/1984- 41
iii.	Unique ID	1-43389565241
iv.	Education Qualifications	Ph.D
v.	Area of Specialization	Materials science
vi.	Work Experience (in years)	3
	a. Teaching	3
	b. Research	
	c. Industry	
	d. Others	
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	03
ix.	Research guidance (Number of Students)	Nil
	a. Master(Completed/Ongoing)	
	b. Ph.D.(Completed/Ongoing)	
x.	No. of Patents	Nil
	a. Filed	
	b. Granted	
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	Nil
	a. National	
	b. International	
xiii.	No. of Research Publications in Journals/Conferences	Nil
	a. National	
	b. International	
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	Nil

i.	Name	Dr. N. SIVA JYOTHI
ii.	Date of Birth & Age	05.06.1987 & 39
iii.	Unique ID	1-437069552190
iv.	Education Qualifications	M.Sc., M.Phil., Ph.D.
v.	Area of Specialization	Material Science
vi.	Work Experience (in years)	
	a. Teaching	13 years
	b. Research	7 years
	c. Industry	
	d. Others	
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	-
ix.	Research guidance(Number of Students)	
	a. Master(Completed/Ongoing)	9
	b. Ph.D.(Completed/Ongoing)	
x.	No. of Patents	-
	a. Filed	
	b. Granted	
xi.	Technology Transfer	-
xii.	No. of papers published in Journals/Conferences	
	a. National	8
	b. International	9
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	2
	b. International	8
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	-

i.	Name	Dr. K.DHANALAKSHMI
ii.	Date of Birth & Age	31.07.1987, 36
iii.	Unique ID	1-44728380226
iv.	Education Qualifications	M.Sc., M.Phil., Ph.D.
v.	Area of Specialization	Ultra sonics and Spectroscopy, DFT, Molecular Docking
vi.	Work Experience (in years)	
	a. Teaching	4 years, 10 months
	b. Research	12 years
	c. Industry	No
	d. Others	No
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	JRF - 1 UG - 2 M.Sc - 1
ix.	Research guidance (Number of Students)	
	a. Master(Completed/Ongoing)	Completed-1, Ongoing - 1
	b. Ph.D.(Completed/Ongoing)	Nil
x.	No. of Patents	01
	a. Filed	
	b. Granted	01
xi.	Technology Transfer	Nil
xii.	No. of papers published in Journals/Conferences	
	a. National	3
	b. International	16
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	Nil
	b. International	20
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	Nil

i.	Name	Dr. K. KESAVAN
ii.	Date of Birth & Age	25.07.1967 & 57 YEARS
iii.	Unique ID	1-7473686115
iv.	Education Qualifications	MS.c., MEd.,,M.PHIL.Ph.D.,
v.	Area of Specialization	Material science - Thin films
vi.	Work Experience (in years)	25 years
	a. Teaching	25 years
	b. Research	12 years
	c. Industry	
	d. Others	
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	Physics
	b. Post Graduate Level	Physics
viii.	No. of Projects Carried out	
ix.	Research guidance (Number of Students)	
	a. Master (Completed/Ongoing)	30
	b. Ph.D. (Completed/Ongoing)	4
x.	No. of Patents	
	a. Filed	
	b. Granted	
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	5
	b. International	15
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	10
	b. International	10
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	

i.	Name	Dr. UMayal Sundari A R
ii.	Date of Birth & Age	24 APR 1978 & 47 YEARS
iii.	Unique ID	1-7473686083
iv.	Education Qualifications	B.SC., M.SC.,
v.	Area of Specialization	SOLAR THERMAL TECHNOLOGY
vi.	Work Experience (in years)	
	a. Teaching	22 Y
	b. Research	10Y
	c. Industry	
	d. Others	
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	2
ix.	Research guidance (Number of Students)	
	a. Master (Completed/Ongoing)	6
	b. Ph.D. (Completed/Ongoing)	01 COMPLETED; 04 PURSUING
x.	No. of Patents	
	a. Filed	
	b. Granted	
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	8
	b. International	9
xiii.	No. of Research Publications in Journals/Conferences	24
	a. National	
	b. International	
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	02(Applied Physics Laboratory Manual Isbn978-81-920465-5-6 & Design and Fabrication of Evacuated Tube Collector Based Solar Drier Isbn978-620-2-67434-8)

i.	Name	Dr. SATHISH P
ii.	Date of Birth & Age	23/03/1987 & 38 YEARS
iii.	Unique ID	1-47064399183
iv.	Education Qualifications	M.Sc., M.Phil., Ph.D
v.	Area of Specialization	Materials Physics
vi.	Work Experience (in years)	
	a. Teaching	8 years
	b. Research	8 years
	c. Industry	
	d. Others	
vii.	Courses taught at (Please Tick)	
	a. Under Graduate Level	✓
	b. Post Graduate Level	✓
viii.	No. of Projects Carried out	
ix.	Research guidance (Number of Students)	
	a. Master (Completed/Ongoing)	21 completed
	b. Ph.D. (Completed/Ongoing)	
x.	No. of Patents	
	a. Filed	
	b. Granted	
xi.	Technology Transfer	
xii.	No. of papers published in Journals/Conferences	
	a. National	1
	b. International	3
xiii.	No. of Research Publications in Journals/Conferences	
	a. National	
	b. International	5 Research publications in Journals
xiv.	No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	Book chapter published: A textbook on Materials Science, ISBN: 978-81-950060-8-3, Ryan Publishers.