

FACULTY PROFILE



1. Name and Designation : Dr.R.Vasuki, Professor
2. Department : Physics
3. Date of Birth : 20.03.1962
4. Unique id : 88012001
5. Education Qualification : M.Sc., B.Ed., PGDCA, Ph.D
6. Work Experience:
 - Teaching : 34 years
 - Research : 20 Years
 - Industry : --
 - Others : --
7. Area of Specialization : Thermo Chemical Energy Conversion Techniques
8. Courses Taught at:
 - UG Level : Physics, Smart Materials, Materials Science.
 - PG Level : Principles of Electronic Systems
9. Research/Project Guidance :
 - Master ; 10
 - Ph.D ; --
10. Projects carried out : 1-DST FIST project
11. Patents: Obtained: -- Applied:--
- 12: Technology Transfer : --
13. Research Publications:
 - National Journals : 4
 - International Journals ; 3
 - Conferences : 10
14. No of Books Published with details:--

FACULTY PROFILE



1. Name and Designation: Dr. S. RAJATHI, PROFESSOR

2. Department : PHYSICS

3. Date of Birth : 07.04.1962

4. Unique id :

5. Education Qualification: M.Sc., M.Phil, Ph.D

6. Work Experience : 28 YEARS

- Teaching : 29 YEARS
- Research : 15 YEARS
- Industry : NA
- Others : NA

7. Area of Specialization : THIN FILMS FOR PHOTOVOLTAIC APPLICATIONS

8. Courses Taught at :

UG Level : ENGINEERING PHYSICS (for All Braches)

MATERIALS SCIENCE (for All Braches)

SEMICONDUCTOR PHYSICS, APPIED PHYSICS

PG Level : OPTOELECYTRONIC DEVICES, MATERIALS SCIENCES,

INSTRUMENTATION

9. Research/Project Guidance:

Master; 10

Ph.D;

10. Projects carried out: 3

11. Patents: Obtained: NA Applied: NA

12: Technology Transfer:

13. Research Publications:

National Journals : NA

International Journals; 10

Conferences : 20

14. No of Books Published with details: NA

FACULTY PROFILE



1. Name and Designation: Dr. M. Mahendran and Professor

2. Department: Physics

3. Date of Birth: 08/05/1967

4. Unique id: 97012001

5. Education Qualification: M.Sc., M.Phil, Ph. D

6. Work Experience:

- Teaching : 23 Years
- Research : 22 Years
- Industry : --
- Others : -----

7. Area of Specialization: Smart materials, Nano materials and Magnetic Materials

8. Courses Taught at:

UG Level: Physics and Engineering Physics (For all Engineering Branches)

PG Level: Smart Materials and Materials Science

9. Research/Project Guidance:

Master; 10

Ph.D; 17 completed, 06 Ongoing

10. Projects Carried out: -- 11

11. Patents: Obtained: -- Applied: 01

12: Technology Transfer: ---

13. Research Publications:

National Journals: 40

International Journals; 65

Conferences: 195

14. No of Books Published with details: ---

FACULTY PROFILE



1. Name and Designation: Dr. N. SANKARA SUBRAMANIAN

PROFESSOR

2. Department: PHYSICS

3. Date of Birth: 04/01/1965

4. Unique id:

5. Education Qualification: M.Sc., M.Phil, Ph.D.

6. Work Experience:

- Teaching : 28 Years and 06 Months
- Research : -----
- Industry : -----
- Others : -----

7. Area of Specialization: PHYSICS - THINFILMS

8. Courses Taught at:

UG Level: B.E. / BTech. B.Sc.,

PG Level: M.E., M.Sc.

9. Research/Project Guidance:

Master: 35

Ph.D : 10

10. Projects carried out: 03

11. Patents: Obtained: ----- Applied : -----

12: Technology Transfer: -----

13. Research Publications:

National Journals:

International Journals: 60

Conferences: 120

14. No of Books Published with details : 01 (AICTE – CEP Course Book entitled “THINFILM TECHNOLOGY “)

FACULTY PROFILE



1. Name and Designation: V. VEERAGANESH ASST. PROF

2. Department: PHYSICS

3. Date of Birth: 22-04-1972

4. Unique id: 99012001

5. Education Qualification: M.Sc., M.Tech.,

6. Work Experience:

- Teaching : 19
- Research :21
- Industry :
- Others :

7. Area of Specialization: LASER

8. Courses Taught at:

UG Level: PHYSICS, MATERIALS SCIENCE, ELECTRONIC DEVICES AND CIRCUITS,
QUANTUM COMPUTING

PG Level: SOLID STATE PHYSICS, ADVANCED MATERIALS SCIENCE

9. Research/Project Guidance:

Master; 03

Ph.D; NIL

10. Projects carried out: NIL

11. Patents: Obtained: NIL Applied: NIL

12. Technology Transfer: NIL

13. Research Publications:

National Journals:

International Journals; 3

Conferences: 3

14. No of Books Published with details: NIL

FACULTY PROFILE



1. Name and Designation: Dr.Venkatachari Gayathri, Associate Professor

2. Department : Physics

3. Date of Birth : 20/05/64

4. Unique id : 00 012 001

5. Education Qualification: M.Sc., M.Phil., Ph.D.

6. Work Experience :

- Teaching : 20 Years
- Research : 25 Years
- Industry : -
- Others : -

7. Area of Specialization :

- Quantum Mechanical Calculations,
- Nanostructures unique properties investigation for device applications

8. Courses Taught at:

UG Level : Properties of Matter, Engg Physics, Materials Science

PG Level : Solid State Theory, Quantum Mechanics, Optoelectronics, Nano technology
Non Destructive Testing. Advanced Materials Science.

9. Research/Project Guidance :

Master ; 10

Ph.D ; 3 –Completed 2-Ongoing

10. Projects Carried out: 3

11. Patents : - Obtained : - Applied :-

12 : Technology Transfer : -

13. Research Publications :

National Journals : 3

International Journals ; 30

Conferences : 50

14. No of Books Published with details : :-

FACULTY PROFILE



1. Name and Designation: Dr. M.Senthamizhselvi, Assistant Professor

2. Department : Physics

3. Date of Birth : 30.05.1974

4. Unique id :

5. Education Qualification: M.Sc., M.phil., Phd,...

6. Work Experience :

- Teaching : 20 yrs
- Research : 11 yrs
- Industry :-
- Others :-

7. Area of Specialization : Research work in Thinfilms for solar cell applications

8. Courses Taught at:

UG Level : Physics, Materials science, Materials Engineering, Quantum computing, Capstone courses

PG Level : Nuclear physics, Polymers and Composites, Manufacturing and characterization Technology,

9. Research/Project Guidance :

Master ; 2 projects

Ph.D ;

10. Projects Carried out :

11. Patents : Obtained : Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals :

International Journals ; 8

Conferences : 16

14. No of Books Published with details :

FACULTY PROFILE



1. Name and Designation : Dr. AL. SUBRAMANIYAN ASST. PROF

2. Department : PHYSICS

3. Date of Birth : 20-12-1976

4. Unique id : 07012002

5. Education Qualification: M.Sc., M.E., Ph.D

6. Work Experience :

- Teaching : 19
- Research :15
- Industry :
- Others :

7. Area of Specialization : NANOSCIENCE, MATERIALS SCIENCE

8. Courses Taught at:

UG Level : PHYSICS, MATERIALS SCIENCE, NANOTECHNOLOGY,
APPLIED METALLURGY

PG Level : PREPARATION AND CHARACTERIZATION OF MATERIALS , POLYMER
AND CERAMICS, NUCLEAR ENGINEERING MATERIALS

9. Research/Project Guidance :

Master ; 07

Ph.D ; NIL

10. Projects Carried out : NIL

11. Patents : Obtained : NIL Applied :NIL 12 : Technology Transfer : NIL

13. Research Publications :

National Journals : 1

International Journals ; 21

Conferences : 13

14. No of Books Published with details : NIL

FACULTY PROFILE



1. Name and Designation : Dr D. RAVINDRAN, Assistant Professor

2. Department : Physics

3. Date of Birth : 17-05-1966

4. Unique id : 07012003

5. Education Qualification: M.Sc, M.Phil, Ph.D

6. Work Experience :

- Teaching : 15 yrs
- Research : 4 yrs
- Industry :
- Others :

7. Area of Specialization : Polymer nano composites, Nano materials, Ionic conductors

8. Courses Taught at:

UG Level : Physics I, Engineering Physics, Materials Science, Smart materials

PG Level : Composite materials

9. Research/Project Guidance :

Master ; Two

Ph.D ;

10. Projects Carried out :

11. Patents : Obtained : Applied :

12 : Technology Transfer :

13. Research Publications :

National Journals : 12

International Journals ; 4

Conferences : 16

14. No of Books Published with details :

FACULTY PROFILE



1. Name and Designation :R. Kodi Pandyan and Assistant Professor

2. Department : Physics

3. Date of Birth :23/03/1982

4. Unique id : 12012003

5. Education Qualification: M.Sc., Ph. D

6. Work Experience :

- Teaching : 6 Years
- Research : 10 Years
- Industry : --
- Others : -----

7. Area of Specialization : Nano materials

8. Courses Taught at:

UG Level : Engineering Physics

PG Level : Nano Technology

9. Research/Project Guidance :

Master ; Nil

Ph.D ; Nil

10. Projects Carried out : --

11. Patents : Obtained : -- Applied : --

12 : Technology Transfer : ---

13. Research Publications :

National Journals : 10

International Journals ; 10

Conferences : 05

14. No of Books Published with details : ---

FACULTY PROFILE



1. Name and Designation : T.Mani Chandran and Assistant Professor

2. Department : Physics

3. Date of Birth : 12.02.1988

4. Unique id :

5. Education Qualification: M.Sc., Ph.D

6. Work Experience :

- Teaching : 7
- Research : 9
- Industry :-
- Others :-

7. Area of Specialization : Li ion battery

8. Courses Taught at:

UG Level : Physics, Thin films, Materials Science, Battery Technology

PG Level : -

9. Research/Project Guidance :

Master ; 5

Ph.D ;

10. Projects Carried out : -

11. Patents : Obtained : - Applied :-

12 : Technology Transfer :-

13. Research Publications :

National Journals :1

International Journals ; 7

Conferences : 8

14. No of Books Published with details :

FACULTY PROFILE



1. Name and Designation : Dr. A. KARUPPASAMY, Assistant Professor
2. Department : Physics
3. Date of Birth : 15-11-1976
4. Unique id : 18012003
5. Education Qualification: Ph.D
6. Work Experience :
- Teaching : 08 Years & 06 Months
 - Research : 08 Years
 - Industry : Nil
 - Others : Nil
7. Area of Specialization : Thin films & Nanomaterials
8. Courses Taught at:
- UG Level : Engineering Physics, Nanotechnology, Thin film Technology
Environmental Science & Engineering
- PG Level : Nil
9. Research/Project Guidance :
- Master ; Nil Ph.D ; Nil
10. Projects Carried out : Nil
11. Patents :
- Obtained : Nil Applied : 01
- 12 : Technology Transfer : Nil
13. Research Publications:
- National Journals : Nil International Journals: 09
Conferences: 09
14. No of Books Published with details: Nil