



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

School of Advanced Sciences

Research Admission - July 2022 session

Area of Specialization – Centre Faculty Members

Subject : Physics

I. CFM

1. Name of the Faculty : **Dr. Ezhil Vizhi R**
Designation : Professor Grade 1 & Director, Centre for Functional Materials
Area of the Research : Crystal Growth / Nanomagnetic Materials / Magnetic Nanocomposites and Thin Films.
Email-Id : rezhilvizhi@vit.ac.in
Mobile No. : 9443377329
Cabin No. : TT410
2. Name of the Faculty : **Dr. Madhuri W**
Designation : Associate Professor Grade 1
Area of the Research : Materials Science - Ceramic Composites
Email-Id : madhuri.w@vit.ac.in
Mobile No. : 8754548779, 7904636682
Cabin No. : TT 505
3. Name of the Faculty : **Dr. Madeswaran S**
Designation : Assistant Professor Sr. Grade 2
Area of the Research : Growth of single crystal / Thin Films / Nanomaterials / Oxides / Ferroelectrics / Magnetics / Energy
Email-Id : madeswaran.s@vit.ac.in
Mobile No. : 9488972147
Cabin No. : TT 406
4. Name of the Faculty : **Dr. Vijaya Chamundeeswari S P**
Designation : Assistant Professor Sr. Grade 1
Area of the Research : Laser Spectroscopy & Nanomaterials
Email-Id : spvijaya@vit.ac.in
Mobile No. : 9003508929
Cabin No. : TT 435
5. Name of the Faculty : **Dr. Ankur Rastogi**
Designation : Assistant Professor Grade 1
Area of the Research : Condensed matter Experimental Physics
Email-Id : ankur.rastogi@vit.ac.in
Mobile No. : 7754966004
Cabin No. : SJT710-A2

II. Centre – CNR

6. Name of the Faculty : **Dr. Krishnamoorthi C**
Designation : Associate Professor Grade 1
Area of the Research : Development of various piezoresistance and piezocapacitance pressure sensors for vital sign monitor / Development of colloidal magnetic nanoparticles for biomedical
- Email-Id : krishnamoorthi.c@vit.ac.in
Mobile No. : 7418205506
Cabin No. : TT 435 E

III. Centre – CBCMT

7. Name of the Faculty : **Dr. Joseph Nathanael A**
Designation : Associate Professor Grade 1
Area of the Research : Nano-biomaterials / 3D printing / Tissue engineering / paper based Sensors / smart materials.
- Email-Id : joseph.nathanael@vit.ac.in
Mobile No. : 9597456932
Cabin No. : ALM 402

Subject : Mathematics

I. CCE

8. Name of the Faculty : **Dr. Sunanda Saha**
Designation : Assistant Professor Grade 2
Area of the Research : Water Wave Mechanics and Mathematical modeling of Cardio Vascular system
- E-Mail : sunanda.saha@vit.ac.in
Mobile No : 8971939565
Cabin No : SJT 625 D

II. CDMM

9. Name of the Faculty : **Dr. Kuvar Satya Singh**
Designation : Assistant Professor Grade 2
Area of the Research : Mathematical Modeling & Simulation / Data Assimilation / Prediction of Extreme events
- E-Mail : kuvarsatya.singh@vit.ac.in
Mobile No : 9398591670
Cabin No : GDN 118

Subject : Chemistry

I. CO2

10. Name of the Faculty : **Dr. Senthil Kumar A**
Designation : Professor Higher Academic Grade
Area of the Research : Analytical Chemistry / Electroanalytical chemistry / Energy for Materials / Carbon nanomaterials / Chemical & Biochemical Sensors / Sensor Device
- Email-Id : askumar@vit.ac.in
Mobile No. : 9976890675
Cabin No. : TT525

11. Name of the Faculty : **Dr. Shanmugam R**
Designation : Assistant Professor Sr. Grade 1
Area of the Research : Computational Catalysis
Email-Id : shanmugam.r@vit.ac.in
Mobile No. : 9092791423
Cabin No. : CO2-Faculty Room
12. Name of the Faculty : **Dr. Ramesh Kumar Singh**
Designation : Assistant Professor Sr. Grade 1
Area of the Research : Electrocatalysis / Fuel Cells / Nanomaterials
Email-Id : rameshkumar.singh@vit.ac.in
Mobile No. : 9956054815
Cabin No. : CO2 / Faculty room

II. CFM

13. Name of the Faculty : **Dr. Palanisami N**
Designation : Professor Grade 1
Area of the Research : Dye Sensitized Solar Cells Ferrocene base molecules for non-linear optics
Email-Id : palanisami.n@vit.ac.in
Mobile No. : 9842639776
Cabin No. : TT430

III. CBCMT

14. Name of the Faculty : **Dr. Loganathan Rangasamy**
Designation : Associate Professor Grade 1
Area of the Research : Medicinal Chemistry / Bioinorganic Chemistry / Inorganic Chemistry
Email-Id : loganathan.r@vit.ac.in
Mobile No. : 9384221484
Cabin No. : ALM Building, Room No. 403, CDMM Building, Room No. 205(Lab)
15. Name of the Faculty : **Dr. Sushma Kumari**
Designation : Assistant Professor Senior Grade 2
Area of the Research : Biomaterials for 3D bioprinting / Organs-on-chips, and Antifouling materials
Email-Id : sushma.kumari@vit.ac.in
Mobile No. : 6364428181
Cabin No. : ALM Building, Room No. 402

IV. CCE

16. Name of the Faculty : **Dr. Tamas Kumar Panda**
Designation : Assistant Professor Grade 1
Area of the Research : Inorganic Chemistry / Supramolecular Chemistry
Porous Material, Material Chemistry
Email-Id : tamaskumarpanda@vit.ac.in
Mobile No. : 7427947470
Cabin No. : SJT 510 A45