



**School of Electronics Engineering
Ph. D Research Admission - July 2026**

Guide availability for Ph. D Research Admission July - 2026

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|-----------------|---------------------------------|---|----------------|------------|----------------------------|
| 1 | 10117 | Dr. | ELIZABETH RUFUS | Professor Higher Academic Grade | Flexible electronics/Wearable sensors, textile sensors, MEMS sensors/Biosensors, Biomedical sensors, Implantable antenna | TT 341 | 9677342996 | elizabethrufus@vit.ac.in |
| 2 | 10309 | Dr. | PADMINI T N | Assistant Professor Sr. Grade 1 | Deep neural networks for signal and images, Embedded systems, Edge AI and Internet of Things (IoT) | TT Annex 104 F | 9786026007 | tnpadmini@vit.ac.in |
| 3 | 10528 | Dr. | ARUNACHALAM V | Associate Professor Sr. | Hardware accelerators for AI/ML applications, Approximate computing, Data-dominated embedded systems | TT-130-A | 9443038445 | varunachalam@vit.ac.in |
| 4 | 10822 | Dr. | RAJESH R | Associate Professor Grade 2 | RIS assisted wireless communications | TTA102F | 9677427073 | rajesh@vit.ac.in |
| 5 | 10881 | Dr. | KARTHIKEYAN A | Assistant Professor Sr. Grade 2 | Wireless Sensor Networks and CRSN, Machine learning and IOT networks, Cognitive radio in Wireless communication networks | TT ANNEX 104 D | 7904203982 | karthikeyan.anbu@vit.ac.in |
| 6 | 11045 | Dr. | JAYAKRISHNAN P | Associate Professor Grade 1 | Design of Hardware Accelerator, RISC-V based processor Design, Computer Vision based algorithms | TT-Annex 101H | 9944243462 | pjayakrishnan@vit.ac.in |
| 7 | 11091 | Dr. | DHANABAL R | Assistant Professor Sr. Grade 1 | Domain-Specific Architectures with Hardware Security and Reliability, Adaptive Energy-Efficient Architectures, AI-Driven Electronic Design Automation (EDA) | SJT 511 A26 | 8903434116 | rdhanabal@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|---------------------------|---------------------------------|--|-----------|------------|-----------------------------|
| 8 | 11166 | Dr. | NOOR MOHAMMED V | Professor Grade 2 | Intelligent reflecting surfaces (IRS), AI-driven network management and optimization, UAV-assisted networking | TT 134 | 9786340547 | vnoormohammed@vit.ac.in |
| 9 | 11195 | Dr. | SHANMUGASUNDA RAM M | Assistant Professor Sr. Grade 2 | Edge AI and Machine Learning, RISC-V architecture, and enhanced embedded security, Next-generation IoT protocols, Energy-efficient microcontrollers | TTA103F | 8489696768 | mshanmugasundaram@vit.ac.in |
| 10 | 11403 | Dr. | RAVI S | Associate Professor Grade 1 | AI/ML Applications in vlsi,Digital VLSI, Low Power VLSI | TT237A | 9790155650 | msravi@vit.ac.in |
| 11 | 11545 | Dr. | SANGEETHA N | Assistant Professor Sr. Grade 1 | Optical fiber sensor design, quantum-optical biosensor, Multispectral & Next-Gen LiDAR Sensors design., Quantum Nanomaterials — Quantum Dots, Graphene Quantum Dots — for Biosensing & Bioimaging, LiDAR for Planetary, Space, and Extreme-Environment Exploration | TT 134 | 8838337267 | nsangeetha@vit.ac.in |
| 12 | 11582 | Dr. | PREETHA K.S | Assistant Professor Sr. Grade 1 | Next Generation Wireless Networks, Cyber Security, Deep learning and IoT, 6G Wireless Communication | TT133B | 9443795999 | kspreetha@vit.ac.in |
| 13 | 11678 | Dr. | GERARDINE IMMACULATE MARY | Professor Grade 1 | Embedded Systems,Wireless communication, Automotive Electronics | TT131-1 | 9894798159 | gerardine@vit.ac.in |
| 14 | 11832 | Dr. | SRINIVASA RAO INABATHINI | Professor Grade 1 | Microwave Filters, Microwave Absorbers and FSS, Microwave Circuits Using ML Techniques | TT132 | 9245127740 | israo@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|-----------------|------------------------------------|---|---------------------------------|------------|--------------------------|
| 15 | 12935 | Dr. | ASHISH P | Assistant Professor Sr. Grade 1 | Sound Event Localization and Audio Classification, Remote Sensing and GIS (Geospatial) , Embedded Computer Vision, Edge AI, Tiny ML (Embedded Machine Learning), Combinatorial Optimization, Signal Processing for 6G wireless communications | TT Annex 101B | 7708542807 | ashish.p@vit.ac.in |
| 16 | 13178 | Dr. | LAVANYA N | Assistant Professor Sr. Grade 1 | Energy Harvesting in Wireless Sensor Networks (WSNs) , Wireless Communication, IoT Integration with Wireless Sensor Network(WSN) | TT annex 202G | 9944654395 | lavanya.n@vit.ac.in |
| 17 | 13399 | Dr. | SARANYA K.C. | Assistant Professor Sr. Grade 2 | Image Processing, Computer Vision, Deep Learning | TT435 | 9600496857 | saranya.kc@vit.ac.in |
| 18 | 13432 | Dr. | AARTHY M | Assistant Professor Sr. Grade 1 | Nano Device based Digital VLSI Design, Lower Power VLSI Design, Application of AI/ML algorithms for VLSI Design | TT - Anx 101-E | 9952501667 | aarthy.m@vit.ac.in |
| 19 | 14418 | Dr. | KUMARAVEL S | Professor Grade 1 | Analog IC Design, Mixed Signal IC Design, RFIC Design, VLSI Architectures | TT133 | 9600656950 | kumaravel.s@vit.ac.in |
| 20 | 14814 | Dr. | HARIHARAN S | Associate Professor Grade 2 | OTFS for 5G/6G, Affine Frequency Division Multiplexing (AFDM) for Next-Generation Networks, Non-Terrestrial Networks and Reconfigurable Intelligent Surfaces Integration | Technology tower- Annex 103A | 9443030278 | shariharan@vit.ac.in |
| 21 | 14823 | Dr. | NITHISH KUMAR V | Associate Professor Grade 2 | RISC-V Architecture, FPGA based Implementation, Cryptography hardware, Approximate Circuits | TTAX201B | 9940105035 | nithishkumarv@vit.ac.in |
| 22 | 15271 | Dr. | GAUTAM NARAYAN | Associate Professor Grade 1 | Software defined radio, Antennas and RFI analysis and mitigation, Applications of AI and ML in Communication Engg | TT-135 (Communication Engg Lab) | 9177552083 | gautam.narayan@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|----------------------------|------------------------------------|---|----------------------------------|------------|--------------------------------|
| 23 | 15461 | Dr. | SUBHATHIRAI S P | Assistant Professor Sr. Grade 1 | Biomaterials, Microfluidics, AYUSH integrated research | PRP404 | 9884636313 | subhathirai.sp@vit.ac.in |
| 24 | 15784 | Dr. | AVINASH CHANDRA | Associate Professor Grade 2 | Intelligent Surfaces (RIS) for 6G, Millimeter-Wave Systems, Metasurfaces, AI and Machine Learning in RF/Microwave Design, Additive Manufacturing and 3D-Printed RF Devices, Wearable and Implantable Antenna | TT Annex 204G | 9572373184 | avinash.chandra@vit.ac.in |
| 25 | 16147 | Dr. | MANISH KUMAR | Assistant Professor Sr. Grade 1 | Optical fiber sensor design, photonics sensor for medical solution, Artificial intelligence and machine learning for intelligent sensor, TinyML application for individual/medical solutions | 302B, SJT ANNEX, WTP | 7544907097 | manishkumar@vit.ac.in |
| 26 | 16441 | Dr. | SUDHAKAR M S | Associate Professor Grade 1 | Physics-Guided Hyperspectral AI, Neuro-Symbolic Medical Imaging, Post-Transformer Sequential Intelligence | CBMR 307C | 9940622907 | sudhakar.ms@vit.ac.in |
| 27 | 17015 | Dr. | RAJKISHOR KUMAR | Associate Professor Grade 1 | AI/ML-Assisted THz MIMO Antennas for 6G Communication and Sensing, RF-Powered Wearable and Implantable Biomedical Sensors, Intelligent RF Energy Harvesting for IoT/Smart Industry | SJT Annex/ WPT 203M | 8271976691 | rajkishor.kumar@vit.ac.in |
| 28 | 17017 | Dr. | ANTONY XAVIER GLITTAS X | Assistant Professor Sr. Grade 2 | AI/ML Deep Learning VLSI architectures for image processing application, Digital VLSI design and FPGA prototyping of FFT processor and RISC-V processors, VLSI DSP structures for wireless communication and signal processing algorithms | Technology Tower & 237 Lab | 9894260869 | antonyxavier.glittas@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|--------------------------|---------------------------------|--|----------------|------------|--------------------------------|
| 29 | 17019 | Dr. | VIKAS VIJAYVARGIYA | Associate Professor Grade 1 | In-Memory Computation using CMOS and Beyond-CMOS Devices, DeviceCircuit Co-Design for Nanoscale Silicon Technologies, Neuromorphic Computing | SJT-404A | 9179938474 | vikas.vijayvargiya@vit.ac.in |
| 30 | 17020 | Dr. | APARNA MOHANTY | Assistant Professor Sr. Grade 2 | Machine learning and deep learning, Image processing, Computer vision | PRP 108 | 9800159131 | aparna.mohanty@vit.ac.in |
| 31 | 18816 | Dr. | SIDHARTH GAUTAM | Assistant Professor Sr. Grade 1 | Computer Vision, Deep Learning, Machine Learning | PRP-215F | 9540707600 | sidharth.gautam@vit.ac.in |
| 32 | 19034 | Dr. | VISHAL GUPTA | Assistant Professor Sr. Grade 2 | Emerging Memory Devices (Perovskite and TiO2) and Memory Circuits (RRAM, Memristors, FinFET/CMOS),In-Memory Computing, Neuromorphic Computing, Hardware Security, Smart Sensing Systems,RISC V based System Design for Space Application | SJT Annex 103C | 8965044467 | vishal.gupta@vit.ac.in |
| 33 | 19501 | Dr. | DILIP KUMAR CHOUDHARY | Assistant Professor Sr. Grade 2 | RF and Microwave, Wireless Communication , AI/ML | SJT ANNEX 203J | 9973979622 | dilipkumar.choudhary@vit.ac.in |
| 34 | 19541 | Dr. | SHANIDUL HOQUE | Assistant Professor Sr. Grade 2 | Intelligent Wireless Communication, 5G/6G network, Cognitive Radio Network, AI/ML applications in Wireless Communication, Semiconductor Devices, TFET, Nanotechnology | SJT - 803B | 9401408475 | shanidul.hoque@vit.ac.in |
| 35 | 19561 | Dr. | SULTAN MAHMOOD CHOWDHURY | Assistant Professor Sr. Grade 2 | Terrestrial, underwater and underground wireless sensor networks, Internet of Things, Communication systems. | SJT 711H | 8471830362 | sultan.mahmood@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|------------------------|---------------------------------|--|--------------|------------|---------------------------------|
| 36 | 19562 | Dr. | Vetriveeran Rajamani | Associate Professor Grade 1 | Artificial Intelligence and Machine Learning, VLSI based memristor circuits, Memristor based electronic and neuromorphic applications | SJT-511- A03 | 7530055178 | vetriveeran.r@vit.ac.in |
| 37 | 19647 | Dr. | SHELJA | Assistant Professor Sr. Grade 1 | Advanced Device Modelling, Low-Power Semiconductor Devices and VLSI Systems, Nanoelectronics and Energy-Efficient Sensor Technologies | CBMR 102D | 6230213685 | shelja.satish@vit.ac.in |
| 38 | 19685 | Dr. | SURAJ PRAKASH SAHOO | Assistant Professor Sr. Grade 1 | Biomedical signal processing, Machine learning, Artificial intelligence | CBMR104G | 8249964895 | surajprakash.sahoo@vit.ac.in |
| 39 | 19687 | Dr. | VIVEK RAJPOOT | Associate Professor Grade 1 | Wireless Communication Networks, Sensor Network and IoT, Antenna Design | 104 H (CBMR) | 9412305274 | vivek.rajpoot@vit.ac.in |
| 40 | 19688 | Dr. | NAUSHAD MANZOOR LASKAR | Assistant Professor Sr. Grade 2 | Analog front end ASIC Design for Biomedical Applications / SPACE Applications, AI / ML / METAHEURISTICS FOR VLSI Design, VLSI Circuit Design using modern FET Devices | SJT203 | 9435374311 | naushadmanzoor.laskar@vit.ac.in |
| 41 | 19689 | Dr. | PRACHI SHARMA | Associate Professor Grade 1 | Design, fabrication, and characterization of 2D nanomaterial-based electronic and optoelectronic devices, Semiconductor device modeling and simulation, Development of smart sensing platforms integrated into wearable and Internet-of-Things (IoT) systems | CBMR-104J | 9315043596 | prachi.sharma@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|-----------------------------------|------------------------------------|---|-------------------------------------|------------|------------------------------|
| 42 | 19699 | Dr. | MOHIUL ISLAM | Assistant Professor Sr. Grade 2 | Medical Image & Signal Processing using Deep Learning and Transformers, Explainable and Trustworthy AI for Healthcare Applications, Generative AI, Self-Supervised Learning, and Multimodal Foundation Models | CBMR Building, Room No: 106-A | 9854662380 | mohiul.islam@vit.ac.in |
| 43 | 19713 | Dr. | HENRIDASS | Assistant Professor Sr. Grade 1 | Antennas, MIMO Systems, Microwave engineering | CBMR 205C | 8870680433 | henridass.a@vit.ac.in |
| 44 | 19715 | Dr. | ABHISHEK NARAYAN TRIPATHI | Assistant Professor Sr. Grade 1 | FPGA-Based AI Hardware Acceleration VLSI ,Low-Power Digital System Design FPGA-Based AI Hardware Acceleration High-Level Synthesis and Embedded Systems Design | CBMR 205 B | 7509457737 | abhishek.narayan@vit.ac.in |
| 45 | 19716 | Dr. | JAGANA BIHARI PADHY | Assistant Professor Sr. Grade 1 | Free space Optic, Optical underwater, Optical System design, 5G OVERHOULING, IoT system design and analysis | CBMR 106E | 9337883365 | jagana.padhy@vit.ac.in |
| 46 | 20122 | Dr. | SAGAR PARESHKUMAR RAMANBHAI | Assistant Professor Sr. Grade 1 | Metamaterial Based RF/Microwave Sensor , RF & Microwave Antenna for Bio Medical Applications, RF Filter Design for Material Characterization | SJT 111-A02 | 9106359165 | pareshkumar.sagar@vit.ac.in |
| 47 | 20146 | Dr. | SUBHRA SANKHA SARMA | Assistant Professor Sr. Grade 1 | Wireless communication using AI/ML, Optical fiber communication using AI/ML, IRS assisted V2X Communication using AI/ML | SJT 604A, SJT Block | 8254986937 | subhrasankha.sarma@vit.ac.in |
| 48 | 20147 | Dr. | ASWATHI V | Assistant Professor Sr. Grade 1 | Wireless communications, 5G and Beyond, Non Orthogonal Multiple access based networks | SJT 204 B | 9747970119 | aswathi.v@vit.ac.in |
| 49 | 20209 | Dr. | ROHIT MATHUR | Assistant Professor Sr. Grade 1 | antena design for wireless application, Radar for sensing application, RF active circuit design | PRP 314 A | 9929240907 | rohit.mathur@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|-----------------------|------------------------------------|--|------------|------------|--------------------------------|
| 50 | 21077 | Dr. | TANGUDU RAMJI | Assistant Professor Sr. Grade 1 | Optical communication, Wireless communication, Signal processing | PRP 312 A | 9502439074 | ramji.tangudu@vit.ac.in |
| 51 | 21112 | Dr. | BIJAYLAXMI DAS | Assistant Professor Sr. Grade 1 | Image super-resolution & enhancement under challenging conditions, Video and spatio-temporal image processing / video analytics — segmentation, tracking, action recognition, anomaly detection, real-time video enhancement / restoration / compression | PRP312E | 8984764021 | bijaylaxmi.das@vit.ac.in |
| 52 | 21129 | Dr. | SANDHANA MAHALINGAM M | Assistant Professor Sr. Grade 1 | Microwave and millimeter-wave antenna design, Microwave and millimeter-wave radar system design | PRP 208-D | 9442756453 | sandhanamahalingam.m@vit.ac.in |
| 53 | 21147 | Dr. | SUDHANSHU ARYA | Assistant Professor Sr. Grade 1 | Machine Learning and Artificial Intelligence for Signal Processing, Quantum Machine Learning for 5G/6G Intelligent Communications Systems, Quantum Computation and Quantum Machine Learning for Signal Processing | CBMR 102 C | 9829983624 | sudhanshu.arya@vit.ac.in |
| 54 | 21159 | Dr. | SHILPI RUCHI KERKETTA | Assistant Professor Sr. Grade 1 | 5G, IoT, MIMO, and Terahertz Communication Technologies, Biomedical Microwave Sensing, AI/ML in Healthcare, and Medical Imaging Systems, UWB, Wearable, RF, Microwave, and Millimeter-Wave Antenna Systems | SJT803A | 9932553219 | shilpiruchi.kerketta@vit.ac.in |
| 55 | 21160 | Dr. | RAHUL MANOHAR O | Assistant Professor Sr. Grade 1 | Metamaterials for Electromagnetic Applications, Radio Wave Absorber, RCS Reduction and Stealth Technology | SJT 804A | 9037988584 | rahul.manohar@vit.ac.in |

| S. No | Emp ID | Name of the faculty | | Designation | Area of Interest | Cabin no. | Mobile No. | Email id |
|-------|--------|---------------------|-----------------------|---------------------------------|---|----------------|------------|--------------------------------|
| 56 | 21188 | Dr. | VIJAYA DURGA CHINTALA | Assistant Professor Sr. Grade 1 | Wireless Communications, Optical wireless communications, Machine learning and Deep learning | SJT 510 A23 | 9948129575 | vijayadurga.chintala@vit.ac.in |
| 57 | 21207 | Dr. | HEMALATHA K | Professor Grade 1 | Computational physiology, device design and development , Signal and image processing | SJT ANNEX 103D | 9342534955 | k.hemalatha@vit.ac.in |
| 58 | 21235 | Dr. | SUKANTA KUMAR TULO | Assistant Professor Sr. Grade 1 | Image and Signal Processing, Biomedical Engineering, Machine Learning, Deep Learning, Artificial Intelligence, Reconfigurable Computing, Embedded Systems | SJT 710A5 | 8249754096 | sukantakumar.tulo@vit.ac.in |
| 59 | 22472 | Dr. | PRABIN JOSE J | Assistant Professor Sr. Grade 2 | Signal and Image Processing, Artificial Intelligence, deep learning Algorithms and Optimization Algorithms, Communication Engineering Applications | TT-Anex-103-B | 9790403474 | prabinjose.j@vit.ac.in |
| 60 | 22529 | Dr. | PRIYANKA S | Associate Professor Grade 2 | Digital image processing, Biomedical Image processing, Generative AI and Large Language Models (LLMs) Agentic AI and multi-agent systems, Privacy-preserving machine learning | PRP-145 B | 9080430495 | priyanka.s@vit.ac.in |
| 61 | 22556 | Dr. | PRABHU R | Assistant Professor Sr. Grade 2 | Remote Sensing, Image Processing, SAR Imaging | G37E | 9710726258 | r.prabhu@vit.ac.in |
| 62 | 23284 | Dr. | SUDIPTA KUMAR SARKAR | Assistant Professor Sr. Grade 2 | Semiconductor Device Fabrication, Printed and Flexible Electronics, Thin-Film Transistors(TFTs), Sensors, Energy Devices, Intelligent Systems | CBMR 201G | 9136186759 | sudipta.sarkar@vit.ac.in |