



இந்திய தகவல் தொழில்நுட்பக் கழகம், திருச்சிராப்பள்ளி  
भारतीय सूचना प्रौद्योगिकी संस्थान, तिरुचिरापल्ली  
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## Area of Specialization Details

S.No.	Faculty Name	Specialization
<b>Department of Computer Science and Engineering</b>		
1.	Dr. G. Devasena	Image Processing, AI / ML / DL / XAI / Gen AI
2.	Dr. N. Renugadevi	Information Security, Group Key Management, Secure Group Communication, Artificial Intelligence, Machine Learning, Explainable AI, Remote Sensing & Geographic Information System(GIS), Digital Agriculture, Blockchain Technology, Internet of Things, Cognitive Radio Networks
3.	Dr. Anoop Jacob Thomas	Medical image processing, veracity of news.
4.	Dr. Sugirtha	Computer vision, Deep Learning, Autonomous Driving, Augmented reality/Virtual Reality, Federated Learning, Full stack development.
5.	Dr. M. Ambika	AI, ML & DL, Recommendation System, Fuzzy Logic, Decision Support System, NLP, Precision Agriculture
6.	Dr. J. Kokila	Hardware and IoT security, Information Security, Blockchain Technology, Machine Learning for enhanced security and system intelligence.
<b>Department of Electronics and Communication Engineering</b>		
1.	Dr Krishnamurthy R	Optical Signal Processing, Advanced Optical Communication, Antenna Array Design
2.	Dr. Banoth Ravi	ML for Communication Networks.
3.	Dr. Suresh D	Semiconductor device modeling and novel transistors.
4.	Dr. Padmathilagam S	Antenna design and microwave circuits.
5.	Dr. Harish Aditya	RF and Microwave
<b>Department of Science &amp; Humanities</b>		
1.	Dr. K. Kamakshi	Physics specialization: Ferroelectric materials for the energy storage applications and semiconductor heterostructures for photodetector applications
<b>Department of Mechanical Engineering</b>		
1.	Dr Velmurugan C	3D Printing and additive manufacturing

For more details: Visit <https://iiitt.ac.in/facultypeople>.