



Joint Degree Program-2024

SVNIT Surat - IIT Mandi

List of Shortlisted Candidates

Upon the recommendation of the Supervisor from Home Institute (SVNIT) following candidates have been shortlisted for interview:

Sl. No	Project Title	Home Institute & Supervisor	Host Institute & Supervisor	Application No.
1.	Development of Smart Hybrid Nanomaterials for Biomedical Applications	SVNIT, Surat & Dr. Sundar S.K.	IIT Mandi & Dr. Jaspreet Kaur Randhawa	-
2.	Special Functions and Fractional Calculus: Interrelationships and Applications	SVNIT, Surat & Dr. Ranjan Kumar Jana	IIT Mandi & Dr. Muslim Malik	15139, 15208, 15211
3.	Investigating Machine Learning Approaches in Cyber Security including Adversarial Machine Learning.	SVNIT, Surat & Prof Devesh C Jinwala	IIT Mandi & Dr Dinesh Singh	15199
4.	Health-aware Microgrids utilising renewable energy sources: distributed fault diagnosis and fault-tolerant control of power conditioning units	SVNIT, Surat & Dr. Mahmadasraf A. Mulla	IIT Mandi & Dr. Tushar Jain	15163
5.	Contactless Incremental Sheet Forming Technology for Polycarbonate Sheet	SVNIT, Surat & Dr A S Mulay	IIT Mandi & Dr Vishal Singh Chauhan	15184
6.	Advanced Materials for Energy Storage/Conversion Applications	SVNIT, Surat & Dr. Jignasa Gohel	IIT Mandi & Dr. Rik Rani Koner	15185
7.	Role of Traditional Bharatiya Gyan in Mental Health through Holistic Education	SVNIT, Surat & Dr. Prashant K Shah	IIT Mandi & Prof. Laxmidhar Behera	15187, 15189, 15203, 15217, 15223
8.	Design and Development of Flexible, Cost-Effective Biomass based Composite Thin Films as Electromagnetic Shields for Wearable Devices	SVNIT, Surat & Dr. Kirti Inamdar	IIT Mandi & Dr. Gopi Shrikanth Reddy	-
9.	Swelling and shrinking characterization of expansive soils treated with additives	SVNIT, Surat & Dr. Jitesh T. Chavda	IIT Mandi & Dr. Prasanna, R.	15216



Joint Degree Program-2024

IIT Mandi- SVNIT Surat

List of Shortlisted Candidates

Upon the recommendation of the Supervisor from Home Institute (IIT Mandi) following candidates have been shortlisted for interview:

Sl. No.	Project Title	Home Institute & Supervisor	Host Institute & Supervisor	Application No.
1.	Numerical investigations on tunnelling induced vibrations in hilly region	IIT Mandi & Dr. Prasanna R	SVNIT Surat & Dr. Jitesh T. Chavda	15148,15168
2.	RIS Aided wireless powered Cell free Massive MIMO system for Sustainable 5G and Beyond Networks	IIT Mandi & Dr. Adarsh Patel	SVNIT Surat & Dr. Shilpi Gupta	-
3.	Modeling and analysis of structural battery using finite element method (FEM)	IIT Mandi & Dr. Vishal Singh Chauhan	SVNIT Surat & Dr. Achchhe Lal	-
4.	Smart structures with battery properties for high-energy storage	IIT Mandi & Dr. Vishal Singh Chauhan	SVNIT Surat & Dr. Amrut Mulay	15174