

Ph.D. Guidance Information of Department of CSE

Name of the Supervisors	Name of the Research Scholar	University/ Institute Enrolled	Thesis Title/ Research Area	Status
Ch. Sanjeev Kumar Dash	Chapala Maharana	Silicon University, Bhubaneswar	Data Mining	Continuing
	Gadadhar Routray	Silicon University, Bhubaneswar	Development of Granular ELM for Medical Image Classification	Continuing
	Jiten Kumar Mohanty	Silicon University, Bhubaneswar	Brain MRI image Analysis using Advanced DL Techniques	Continuing
Pradyumna Kumar Tripathy	Tarini Charan Mishra	BPUT, Rourkela	IOT	Continuing
	Amarjeet Mohanty	BPUT, Rourkela	IOT	Continuing
	Kamakshya Prasad Nayak	BPUT, Rourkela	Image Processing	Continuing
	Sujata Swain	Silicon University, Bhubaneswar	Information Retrieval and text processing	Continuing
	Munmendu Senapati	Silicon University, Bhubaneswar	Image Processing	Continuing
	Mohini Prasad Mishra	Silicon University, Bhubaneswar	Application of ML	Continuing
Sushri Samita Rout	Gopal Krushna Sahu	BPUT, Rourkela	Computational Intelligence Applications in Farming	Continuing
	Sheik Ahmad Mohiddin	BPUT, Rourkela	Aspect Oriented Software Testing	Continuing
	Diana Dhal	Silicon University	Machine Learning	Continuing
	Sunita Mohapatra	Silicon University, Bhubaneswar	HR Analytics using Computational Intelligence	Continuing
Soumya P. Panda	Biswambar Pradhan	Silicon University, Bhubaneswar	Natural Language Processing	Continuing
	Sudipta Dash	Silicon University, Bhubaneswar	Natural Language Processing	Continuing
	Rasmi Rani Dhal	GIET University, Gunupur	Natural Language Processing	Continuing
Rabindra Kumar Dalei	Banaja Mishra	Silicon University, Bhubaneswar	An Energy Efficient Network Aware Virtual Machine Placement Model in Cloud Environment using Optimization Techniques	Continuing
	Subhashree Sahoo	BPUT, Rourkela	Missile Gliding Trajectory Optimization using Artificial Intelligence Algorithms	Awarded
	Puspanjali Mallick	SOA, Bhubaneswar	Energy Efficient and Load Balancing Frameworks for Cloud Environment	Continuing
	Sisir Kanta Padhi	Silicon University, Bhubaneswar	Cloud security	Continuing
	Yogasambhuta Dash	Silicon University, Bhubaneswar	An Idea on Developing Energy Efficient Resource Utilization and Load Balancing Framework for Cloud Environment using Machine Learning Models	Continuing
	Deepneel Majumdar	Silicon University, Bhubaneswar	Cloud Computing	Continuing
Pamela Chaudhury	Shyamali Das	Silicon University, Bhubaneswar	Analysis of healthcare data using machine learning techniques	Continuing
	Surabika Hota	Silicon University, Bhubaneswar	Enabling Speech Technology in Machine Automation	Continuing
Bikram Keshari Mishra	Damodar Nayak	Silicon University, Bhubaneswar	Wireless Sensor Network	Continuing
	Nihar Ranjan Nayak	Silicon University, Bhubaneswar	Data Mining	Continuing

Subhendu Chandan Nayak	Arko Banarjee	BPUT, Rourkela	A Study on Weighted Clustering Ensemble	Awarded
	Subash Tripathy	Silicon University, Bhubaneswar	Cloud Computing	Continuing
Rekha Sahu	Sanjeeb Kumar Sahoo	Silicon University, Bhubaneswar	Diabetic Retinopathy Detection using Deep Learning	Continuing
Ajit Kumar Behera	Sushree Subhasree Panda	Silicon University, Bhubaneswar	Software Reliability Prediction	Continuing
	Chapala Maharana	Silicon University, Bhubaneswar	Data Mining	Continuing
Shreela Dash	Upendra Kumar Swain	Silicon University, Bhubaneswar	Time series analysis	Continuing
	Swatilagna Sahu	Silicon University, Bhubaneswar	Detection of Malware Using ML	Continuing
Pragyan Paramita Das	Akshaya Kumar Barik	Silicon University, Bhubaneswar	IOT	Continuing
Bimal Kumar Meher	Parth Sarathi Mohapatra	Silicon University, Bhubaneswar	Privacy preserving Protocol for IOV	Continuing
Ashok Kumar Panda	Pritam Nanda	Silicon University, Bhubaneswar	Communication Network, IOT	Continuing
Soumya Ranjan Dash	Rani Dubey	Silicon University, Bhubaneswar	Edge Computing	Continuing
	Mohini Prasad Mishra	Silicon University, Bhubaneswar	Application of ML	Continuing
Pulak Sahoo	Preeti Ranjan Sahoo	Silicon University, Bhubaneswar	Software Engineering	Continuing
	Krishna Priyadarsini	Silicon University, Bhubaneswar	Application of ML in Software Engineering	Continuing
Ramakrushna Swain	Sujit Kumar Jena	Silicon University, Bhubaneswar	AI & ML	Continuing
Samaleswari Prasad Nayak	Sujit Kumar Jena	Silicon University, Bhubaneswar	AI & ML	Continuing
	Lipika Pattanaik	Silicon University, Bhubaneswar	Use of ML and IOT in Death rate Reduction of Bio Floc Fish	Continuing
Mukti Routray	Lipika Pattanaik	Silicon University, Bhubaneswar	Use of ML and IOT in Death rate Reduction of Bio Floc Fish	Continuing
Ranjit Kumar Behera	Aparna Pattanaik	Silicon University, Bhubaneswar	IOT Cloud	Continuing
	Sushree Sonam Mohapatra	Silicon University, Bhubaneswar	Edge Computing and ML	Continuing
Bivas Ranjan Parida	Aparna Pattanaik	Silicon University, Bhubaneswar	IOT Cloud	Continuing
	Sushree Sonam Mohapatra	Silicon University, Bhubaneswar	Edge Computing and ML	Continuing
Pradipta Kumar Pattnayak	Sushree Satapathy	Silicon University, Bhubaneswar	Machine Learning Techniques for Text Classification	Continuing
	Nirmal Chandra Sahu	Silicon University, Bhubaneswar	Computation	Continuing

**Ph.D. Guidance Information of Department of Basic Sciences & Humanities
and JBS Haldane Centre of Molecular Medicine**

Name of the Supervisors	Name of the research scholar	University/ Institute Enrolled	Thesis Title/ Research Area	Status
Manoranjan Behera	Sushree Rath	Silicon University, Bhubaneswar	Nanomaterials: synthesis & Characterisation	Continuing
	Sivranjni	Silicon University, Bhubaneswar	Nanocomposite	Continuing
	Kumari Anamika	Silicon University, Bhubaneswar	Nanomaterials: synthesis & Characterisation	Continuing
	Ansuman Jena	Silicon University, Bhubaneswar	Nanomaterials: synthesis & Characterisation	Continuing
	Debashis Ray	SIT, Bhubaneswar	Material Chemistry	Continuing
Mahendra P. Agasty	Bidyadhar Rout	KIIT University	Labour & Environmental Economics	Continuing
	Rupa Kanungo	Silicon University, Bhubaneswar	Self-help Group & Women Empowerment	Continuing
	S. N. Das	GIET University	MSME	Continuing
	Nirmal Kumar Sahoo	Silicon University, Bhubaneswar	Economics	Continuing
	Manas Ranjan Pati	Silicon University, Bhubaneswar	Economic Tourism	Continuing
Prayag Prasad Mishra	Susmita Biswal	Silicon University, Bhubaneswar	Projective Geometry and Finite Geometries	Continuing
	Debahuti Paikaray	Silicon University, Bhubaneswar	probability and statistics	Continuing
	Nirmal Chandra Sahu	Silicon University, Bhubaneswar	Computation	Continuing
	Chittaranjan Behera	BPUT	On Oscillation and Asymptotic Behaviour of Neural Difference Equations	Awarded
Tusar Parida	Hara Prasad Sahoo	BPUT	Fluid Mechanics	Continuing
	Puspanjali Mohapatra	Silicon University, Bhubaneswar	Fluid Mechanics	Continuing
	Madan Mohan Muduly	BPUT, Rourkela	Fluid Mechanics	Awarded
Saroj Kanta Mishra	Golak Bihari Panda	Utkal University	Some Studies on Properties of Simplexes Regarding Interlocking, Multiple Perspectives and Related Quadrics	Awarded
	Susmita Biswal	Silicon University, Bhubaneswar	Projective Geometry and Finite Geometries	Continuing
	Debahuti Paikaray	Silicon University, Bhubaneswar	probability and statistics	Continuing
Pratap Rath	Smita Mohanty	Silicon University, Bhubaneswar	Guidance and Counselling Positive Psychology, Adolescent Issues, Child Rights, Gender studies and Trans Rights, Counselling & Social Psychology, Mental Health, and Well-being	Continuing
	Sunanda Mohapatra	Silicon University, Bhubaneswar	Guidance and Counselling Positive Psychology, Adolescent Issues, Child Rights, Gender studies and Trans Rights, Counselling & Social	Continuing

			Psychology, Mental Health and Well-being	
Bidyadhar Padhi	Mrutyunjay Panda	Silicon University, Bhubaneswar	Life insurance, Accounting and Finance	Continuing
	Lalit Barik	Silicon University, Bhubaneswar	Merger and Acquisition	Continuing
	Soumya Ranjan Pradhan	Silicon University, Bhubaneswar	Management	Continuing
	Aruni Nayak	Silicon University, Bhubaneswar	Life insurance, Accounting and Finance	Continuing
	Kalpna Mohanty	Silicon University, Bhubaneswar	Management	Continuing
Manas Singh	Subrat Kumar Sahu	Silicon University, Bhubaneswar	Merger and Acquisition	Continuing
	Santosh Kumar Jena	Silicon University, Bhubaneswar	Contract Management	Continuing
	Santosh Kumar Nanda	Silicon University, Bhubaneswar	Optimization and simulation in manufacturing, Operations Management, Industrial Engineering	Continuing
Janmayejaya Senapati	Gayatri Mishra	Silicon University, Bhubaneswar	Management	Continuing
	Akshaya Kumar Nayak	Silicon University, Bhubaneswar	Management	Continuing
	Rasa Bihari Shadangi	Silicon University, Bhubaneswar	A Study on Management of Micro & Small Enterprises in Ganjam District of Odisha	Continuing
Suvashree Suvadardhini	Shaswati Khatai	Silicon University, Bhubaneswar	American Literature, Ancient Greek Mythology and History, Communication Skills, Verbal and Non-verbal aspects of language	Continuing
	Subhadardhini Mohapatra	Silicon University, Bhubaneswar	Psychology	Continuing
Pratap Kumar Rath	Ritu Chowhan	Silicon University, Bhubaneswar	Psychology	Continuing
Kamalakanta Satpathy	Bipin Bihari Tripathy	Silicon University, Bhubaneswar	Semiconducting Nanomaterials	Continuing
Jyotisarita Mohanty	Satyajit Behera	Silicon University, Bhubaneswar	Nanomaterials	Continuing
Siba Sankar Nayak	Rashmi Ranjan Biswal	Silicon University, Bhubaneswar	Nanomaterial	Continuing
Jyotisarita Mohanty	Satyajit Behera	Silicon University, Bhubaneswar	Nanomaterial	Continuing
Amar Behera	Bibhuti Bhusan Mishra	Silicon University, Bhubaneswar	Finance	Continuing
	Sukhendu Mohan Patnaik	Silicon University, Bhubaneswar	Security Market	Continuing
	Surendra Kumar Senapati	Silicon University, Bhubaneswar	Security Market	Continuing
	Nilamadhab Panda	Silicon University, Bhubaneswar	Capital Market	Continuing
	Maheswar Sahoo	Silicon University, Bhubaneswar	Rural Infrastructure Finance	Continuing
	Siba Prasad Kar	Silicon University, Bhubaneswar	Human Resource Accounting	Continuing
Jaykrushna Mohanty	Santosh Kumar Jena	Silicon University, Bhubaneswar	Nanomaterial	Continuing
Birendranath Banerjee	Rahul Raj	Silicon University, Bhubaneswar	Cancer Genetics (JBS Haldane Centre of Molecular Medicine)	Continuing
Subhashree Ojha	Pujarani Behera	Silicon University, Bhubaneswar	African American Literature	Continuing

Priyambada Pal	Paritosh Sharan	Silicon University, Bhubaneswar	Applied Linguistic	Continuing
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Ph.D. Guidance Information of Department of ECE

Name of the Supervisors	Name of the research scholar	University/ Institute Enrolled	Thesis Title/ Research Area	Status
Sudhansu Kumar Pati	Sarita Mishra	BPUT	Analysis of Nano Devices for RF Applications	Awarded
	Sanjit Swain	Jadavpur University	Performance Analysis of Nano MOS Devices	Awarded
	Srikrishna Bardhan	Silicon University, Bhubaneswar	Electronic Device	Continuing
	Pradipta Kumar Jena	Silicon University, Bhubaneswar	Electronic Device	Continuing
Sanjit Swain	Saradiya Parija	KIIT University, Bhubaneswar	Semiconductor device Simulation	Awarded
	Pritipadma Mohanty	Silicon University, Bhubaneswar	Semiconductor Device Modelling & Simulation	Continuing
Aditya Acharya	Abanikanta Pattnayak	BPUT	Image Enhancement	Thesis Submitted
	Sachidananda Samal	BPUT	Development of Spatial Domain and Transform Domain Image using Various Soft-computing and Deep-learning Techniques	Continuing
	Samarendra Rout	Silicon University, Bhubaneswar	Image Processing	Continuing
	Pravat Kumar Singh.	Silicon University, Bhubaneswar	Image Processing	Continuing
	Sachidananda Samal	Silicon University, Bhubaneswar	Image Enhancement	Continuing
Biswajit Baral	Prasanta kumar khuntia	Silicon University, Bhubaneswar	Semiconductor Device Modelling & Simulation	Continuing
	Kishore Chandra Singh	Silicon University, Bhubaneswar	Semiconductor Device Modelling & Simulation	Continuing
Sudhanshu Biswal	Kishore Chandra Singh	Silicon University, Bhubaneswar	Semiconductor Device Modelling & Simulation	Continuing
	Satish Dash	NIT, Goa	Semiconductor Device Modelling & Simulation	Continuing
	Prasanta Kumar Khuntia	Silicon University, Bhubaneswar	Semiconductor Device Modelling & Simulation	Continuing
	Pritipadma Mohanty	Silicon University, Bhubaneswar	Semiconductor Device Modelling & Simulation	Continuing
Biranchi Rath	Amulya Kumar Roul	Silicon University, Bhubaneswar	Design of Active Noise Controller using Machine Learning	Continuing
	Sunil Sahu	Silicon University, Bhubaneswar	Control System and its Application	Continuing
Debashis Nayak	Prasanta kumar Swain	Silicon University, Bhubaneswar	Nanodevice Engineering	Continuing
Soumya Ranjan Samal	Jyostnamayee Behera	Silicon University, Bhubaneswar	IOT	Continuing
	Pritam Nanda	Silicon University, Bhubaneswar	Communication Network, IOT	Continuing
Sanghamitra Das	Srikrishna Bardhan	Silicon University, Bhubaneswar	Electronic Device	Continuing
Manoranjan Praharaj	Sunil Sahu	Silicon University, Bhubaneswar	Control System and its Application	Continuing
Anita Mohanty	Abhimanyu Jena	Silicon University, Bhubaneswar	Application of FBG sensor in Health Care 4.0	Continuing

Ph.D. Guidance Information of Department of EEE

Name of the Supervisors	Name of the research scholar	University/ Institute Enrolled	Thesis Title/ Research Area	Status
Rabi Narayan Mishra	Ipsita Pahi	NIT, Rourkela	Renewable energy application to power electronics and drives	Continuing
	Debendra Dehury	Silicon University, Bhubaneswar	Performance Enhancement & Quality Improvement of Induction Motor Drive Employing Advanced Control Strategy	Continuing
Lopamudra Mitra	Binapani Sethi	BPUT, Rourkela	Application of Power Electronics in Renewable energy systems	Continuing
Rama Prasad Panda	Chandan Mandal	Silicon University, Bhubaneswar	EV	Continuing
	Laxmi Narayan Pathy	Silicon University, Bhubaneswar	Power Systems	Continuing
Rajan Mishra	Parthi Sarathi Behera	Silicon University, Bhubaneswar	EV	Continuing
Nibedita Swain	Surya Chandan Sahoo	Silicon University, Bhubaneswar	EV	Continuing
Tapas Kumar Majhi	Shobhan Kumar Patro	Silicon University, Bhubaneswar	Power Systems	Continuing
Pratap Ranjan Mohanty	Gouri Sankar Panda	Silicon University, Bhubaneswar	Multispeed Autonomous vehicles	Continuing
	Anikata Choudhary	Silicon University, Bhubaneswar	PFC converter-controller for grid connected EV charging system	Continuing
Biranchi Narayan Rath	Kunja Bihari Nanda	Silicon University, Bhubaneswar	Image and signal processing	Continuing
Nivedita Pati	Anikata Choudhary	Silicon University, Bhubaneswar	PFC converter-controller for grid connected EV charging system	Continuing
Arnab Pal	Laxmi Narayan Pathy	Silicon University, Bhubaneswar	Power Systems	Continuing

Ph.D. Guidance Information of Department of EIE

Name of the Supervisors	Name of the research scholar	University/ Institute Enrolled	Thesis Title/ Research Area	Status
Prakash Kumar Rout	Ramesh Ch. Sahoo	BPUT, Rourkela	Semiconductor Devices	Continuing
	Dhananjay Tripathy	NIT, Rourkela	Semiconductor Devices	Continuing
Ambarish G. Mohapatra	Maitri Mohanty	GIET University, Gunpur	IoT and Distributed FBG Sensor in Health Care	Continuing
	Dipak Ranjan Nayak	University of Technology, Jaipur	Predictive Maintenance of Machine	Continuing
	Narayan Nayak	Silicon University, Bhubaneswar	Prognostic Maintenance of Industrial Machine using Optical Sensor	Continuing
	Saurjyadipta Samantaray	BPUT, Rourkela	Development of a High Performance Envelop Tracking Power Amplifier for 5G Communication	Continuing
	Satyapriya Satpathy	Silicon University, Bhubaneswar	FBG Sensor	Continuing
	Abhimanyu Jena	Silicon University, Bhubaneswar	Application of FBG sensor in Health Care 4.0	Continuing