

Department of Physics and Computer Science
Faculty of Science
Dayalbagh Educational Institute (Deemed University)

Details of ongoing Ph.D. Scholars in session 2019 – 2020

S. No.	Name of Scholar	Supervisor	Title of the Thesis	Date of Registration
1	Aastha Mishra	Prof. Preetvanti Singh	Development of Hybrid Knowledge Modeling Tools for Smart Decision Making	24.09.2018
2	Aditya Singh	Dr. Ashok Jangid	Synopsis to be approved	--
3	Akalank Jain	Dr. Shiroman Prakash	Fault tolerant quantum computing: diagrammatic approaches	16.12.2017
4	Anirudha Singhal	Prof. C. Patvardhan	An eastern outlook for dilemmas in AI.	29.03.2019
5	Anurag Sharma	Prof. Gursaran	Context aware E-health and E-education system for rural Indian setting	23.03.2013
6	Arush Kumar	Prof. Gursaran	AI approaches for modern agriculture	--
7	Ashima Gupta	Dr. Sanjay Saini	Serial and parallel solution to variants of vehicles routing problem using swarm intelligence techniques	26.03.2015
8	Binathi B	Dr. Lotika Singh	Hybridization and Application machine comprehension Algorithm	25.09.2017
9	Deepak Saraswat	Prof. Preetvanti Singh	Knowledge Discovery with Hybrid Data Mining Approach	23.09.2016
10	Dhruv Bhandari	Dr. Sandeep Paul	Multimodal Modelling an Analysis of Intelligent systems	--

11	Gautam Kumar	Prof. C M Markan	Genetic remote laboratory architecture	--
12	Gur Pyari	Prof. Sukhdev Roy	Synopsis to be approved	--
13	Himanshu Bansal (DST – Inspire)	Prof. Sukhdev Roy	Computational Modeling of Optogenetic control of Neuronal Signalling	22.09.2017
14	Kajal Garg	Dr. Sonali Bhatnagar	Measurement and Simulation of secondaries with detector station using CAMAC data acquisition	26.03.2015
15	Karan Narain	Dr. Sandeep Paul	Deep Artificial Network for evolving the superman of tomorrow Using Deep Meditation Technique	29.03.2019
16	Kishori Radhey	Prof. C V Lakshmi	Novel Parallel Quantum-inspired Evolutionary Algorithms for Optimization	10.08.2018
17	Komal Saxena	Dr. K S Daya	Effect of external stimuli on the dielectric properties of microtubules in the gigahertz range	26.03.2015
18	Laxmi Kant	Prof. C V Lakshmi	Quantum-inspired Vedic Society Algorithms	--
19	Laxmi Kant Sagar	Prof. D K Chaturvedi	Data analytics in field of renewal energy.	10.03.2018
20	Laxmi Verma Arya	Prof. Preetvanti Singh	Design and Development of decision support based Hybrid Recommender system	22.03.2019
21	Manpreet Kaur	Dr. Sanjay Saini	Optimization of swarm intelligence base solution for university course time tabling system	22.09.2016

22	Mohit Agarwal	Dr. G Saran Srivastava	Resource optimization in cloud computing environment using soft computing techniques	04.02.2016
23	Mridul Kumar	Dr. K S Daya	Pest infestation forecasting system	02.04.2018
24	Neha Gupta	Prof. Sukhdev Roy	Computational modeling of optogenetic switching of neurons	23.09.2015
25	Neha Singh	Dr. R S Pavithr	Understanding information propagation using bio-inspired computing	--
26	Nidhi Verma Arya (SRF)	Prof. Preetvanti Singh	Lexicographic Approach for Quadratic transportation problem with additional restriction	31.03.2015
27	Niharika Chaudhary	Dr. Sanjay Saini	Synopsis to be approved	--
28	Pratibha Rashmi	Prof. C V Lakshmi	Synopsis to be approved	--
29	Praveen Kumar P	Prof. Gursaran	Using software-defined networking to improve performance, and scalability of Video delivery	--
30	Radha Mogla	Prof. C V Lakshmi	Transliteration Between English and other Indian Languages: a Machine Learning Based Approach	02.04.2016
31	Rama Chaudhary	Prof. Sukhdev Roy	Synopsis to be approved	--
32	Rohit Rastogi	Prof. D K Chaturvedi	Comparative study of bio feed back therapies for tension type headache treatment and enhancing capacity towards psychic challenges	27.02.2018

33	Rohit Sharma	Dr. Sanjay Saini	Multi-objective optimization of multiple depot vehicle routing problem using swarm intelligence techniques	07.04.2017
34	Rosy Parmar	Prof. Sukhdev Roy / Dr. D P Srivastava	Synopsis to be approved	--
35	Sadhana Goyal	Prof. C. Patvardhan	Synopsis to be approved	--
36	Sadhana Singh	Dr. R S Pavithr	Synopsis to be approved	--
37	Satish Kumar	Prof. V R Satsangi / Dr. Ashok Jangid	Photo properties at bio molecule: A computational approach based on quantum mechanics	17.09.2013
38	Shailendra Pratap Singh	Dr. Ashok Jangid	Estimation of direct radiative forcing over important cities in Indo-Gangetic plain	01.06.2016
39	Soniya	Dr. Sandeep Paul	A Hybrid deep neural network system and its application	02.02.2016
40	Sukrati Chaturvedi	Prof. C V Lakshmi	A Framework for Aligning AI Systems with Human Values	--
41	Swati Singh	Dr. D P Srivastava	Identification of Winning Strategies using Quantum Game theory: An application to Indian field and Board games	24.09.2018
42	Urvashi	Dr. K S Daya	High frequency studies of the interaction of micro-nanoparticles with proteins and pathogens	23.03.2018
43	Vijay Dev	Prof. Preetvanti Singh	On-Line Analytical Mining and Time Series Analysis in Multi-Dimensional Data	15.04.2017

44	Voore Subba Rao	Dr. K. Srinivas	Applications of nature inspired computing in internet of things (IoT)	--
45	Zeeshan	Dr. K S Daya	Magneto hydrodynamic and microwave measurements for label free detection and differentiation of bacterial pathogens	--