

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING:
List of Ph.D. Completed Scholars

| Sr. No. | Registration No. | Name of Candidate | Father's Name | Topic/Title | Supervisor/ Co-supervisor | Year of Award/RDC |
|---------|------------------|--------------------------|----------------|--|---|----------------------|
| 1. | 0001902 | Dr. Yogesh Chaba | Dayanand | Performance modeling of soft handoff in code division multiple access mobile networks | Prof. Dharminder Kumar | 21.12.2004 |
| 2. | 9901901 | Dr. Pardeep Kumar Bhatia | Ramji Dass | Estimation and measurement techniques for the quality improvement of software product and its development process | Prof. Dharminder Kumar, Prof. H.L Verma, Prof. Yogesh Singh | 28.05.2005 |
| 3. | 0101901 | Dr. Devender Kumar Singh | Karam Dev | Role of information technology in competitive business environment | Prof. Dharminder Kumar, Prof. J.K Sharma | 07.02.2006 |
| 4. | 0201901 | Dr. Naresh Mann | Raj Singh Mann | e-Governance in India: A study of IT initiatives for development and implementation of e-Governance in Haryana State | Prof. Dharminder Kumar, Prof. A.K Saini | 05.10.2007 |
| 5. | 0501901 | Dharmender Kumar | Ram Chander | ICT in service sector: A study of banking system | Prof. Dharminder Kumar, Prof. A.K Saini | 16.12.2009 |
| 6. | 0601902 | Sh. Om Parkash Sangwan | Zile Singh | Analysis and design of models in | Dr. Pardeep Kumar Bhatia, Dr. Yogesh Singh | 28.10.2010 |
| 7. | 0601906 | Sh. Kanwal Garg | R.K.Garg | Data mining in life insurance sector in India: A model base approach | Prof. Dharminder Kumar, Dr. M.C Garg | 23.02.2010 |

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|-----|---------|-------------------------|------------------------|--|----------------------------|------------|
| 8. | 0501902 | Yudhvir Singh | Rajpal | Enhanced intrusion detection and cryptographic technique for secured communication in mobile Ad-hoc networks | Prof. Yogesh Chaba | 07.04.2010 |
| 9. | 0701907 | Sh. Harish Kumar Mittal | Jagdish Parshad Mittal | Rationalization of fuzzy logic techniques in software engineering measurements | Dr. Pardeep Kumar Bhatia | 13.02.2011 |
| 10. | 0601905 | Deepak Dembla | Laxmi Chand | Performance analysis and enhancement of routing protocols for mobile adhoc networks | Prof. Yogesh Chaba | 06.06.2013 |
| 11. | 0701905 | Puneet Goswami | Y.P.Goswami | Analysis and design of metrics for component based software engineering | Prof. Pardeep Kumar Bhaita | 29.10.2013 |
| 12. | 0601904 | Sudhansu Gaur | Nawal Kishore | Information protection and analysis | Prof. Dharminder Kumar | 24.09.2013 |
| 13. | 0701903 | Sanjeev Kumar | Vijay Rattan | Design of efficient protocol for traffic management in mobile adhoc network | Prof. Yogesh Chaba | 31.03.2014 |
| 14. | 0601903 | Rajesh Gargi | P.L.Gargi | Design & evaluation of effective routing strategies for mobile adhoc networks | Prof. Yogesh Chaba | 31.03.2014 |

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|------------|----------|--------------------|----------------------|--|---|------------|
| 15. | 0901901 | Parul Gandhi | S.C.Gandhi | Analysis and design of metrics for quality improvement in object oriented software | Prof. Pardeep Kumar Bhaita | 06.05.2014 |
| 16. | 0701901 | Jyoti | Bhagwan Dass Nirmohi | Unified evolutionary approach for discovery of interesting decision rules | Prof. Dharminder Kumar | 10.07.2014 |
| 17. | 0701902 | Ritu Makani | Jagan Nath Makani | Design and analysis of efficient multilevel security model using | Prof. Yogesh Chaba | 18.08.2015 |
| 18. | 0601901 | Satish Kumar Saini | Hari Ram Saini | Knowledge mining for tandem repeat patterns from biological data | Prof. Dharminder Kumar/ Prof. Ashok Chaudhary | 27.07.2015 |
| 19. | 901902 | Sapna | Ram Kumar | Analysis And Design o Matrix Agent Oriented Softwrae Engineering(AOSE) | Prof. Pardeep Kumar | 10.12.2015 |
| 20. | 10019007 | Renu Bala | Hans Raj | Evolutionary Approach to Fuzzy rule mining with exceptions and Hierarchies. | Prof. Saroj | 01.01.2018 |
| 21. | 12019007 | Gaurav Kumar | Anil Kumar | Optimization of Software Engineering Models Using Neuro-Fuzzy Techniques | Prof. Pardeep Kumar | 01.09.2016 |

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|-----|----------|----------|--------------------|---|------------------------|------------|
| 22. | 12019009 | Jyoti | Jagdish Lal Kwatra | Population Based Meta-Heuristic Approach to Feature Selection in Data mining | Prof. Saroj | 18.12.2017 |
| 23. | 12019012 | Anju | Balwan Singh | Improving the Quality of Service in WSN's through Node Deployment Plan's | Prof. Rishi Pal Singh | 22.11.2017 |
| 24. | 14019003 | Sunila | Dayanand Godara | Development of intelligent machine learning technique for medical decision support systems | Prof. Rishi Pal Singh | 18.12.2017 |
| 25. | 10019003 | Sunita | Jai Bhagwan Jakhar | Mining Regulatory Genes of Cancer using Hybrid soft Computing Techniques | Prof. Dharminder Kumar | 10.07.2018 |
| 26. | 12019008 | Monika | Surender Singh | Analysis and Design of Test Effort Estimation Model in Object - Oriented Software Engineering | Prof. Pardeep Kumar | 10.07.2018 |
| 27. | 14019001 | Priyanka | Jai Pal Rathi | Performance modeling of medium access control protocol for vehicular Ad-hoc networks | Prof. Rishi Pal Singh | 10.07.2018 |

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|------------|----------|------------------|---------------|---|---------------------------------------|------------|
| 28. | 11019001 | Harkesh Sehrawat | Jaswant Singh | Design of Robust efficient and Secure Routing Protocol in Wireless Sensor Networks. | Dr. Yudhvir Singh | 29.01.2019 |
| 29. | 10019004 | Preeti | Puran Chand | Metaheuristic Techniques for feature selection in Biometrics | Prof. Dinesh Kumar | 05.11.2019 |
| 30. | 10019005 | Suman | Jugal Kishore | Design and Development of a Data Mining Based Model for Detecting Delinquency in financial Industry | Prof. Dharminder Kumar | 20.11.2018 |
| 31. | 15019004 | Rajani | Jaswant Singh | Development of Multi-objective Techniques for Segmentation | Prof. Dinesh Kumar | 30.06.2021 |
| 32. | 16019001 | DEEPAK NANDAL | V.P NANDAL | Design and Evaluation of Software Estimation Techniques Using Metaheuristic Approach | Dr. O.P. Sangwan | 05.04.2019 |
| 33. | 16019013 | REENA | SATBIR SINGH | Empirical Evaluation of Cots Methodology on Software Measurement | Prof. Pardeep Kumar | 27.10.2020 |
| 34. | 15019005 | Archana Toky | Chhotu Ram | Localization Scheme for Underwater Acoustic Wireless Sensor Networks | Prof. Rishi Pal Singh/Dr. Sanyoy Dass | 03.04.2015 |

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|------------|----------|----------------|-----------------|---|--------------------------|------------|
| 35. | 701904 | Sunil Kumar | Sukhbir Singh | Design of efficient network and scheduling protocols for ubiquitous computing | Prof. Yogesh Chaba | 29.10.2014 |
| 36. | 12019010 | Shipra | S.P.Gakhar | Isolated Word Recognition Using Language Modling Techniques For Panjaabi Language | Prof. Rishi Pal Singh | 27.03.2020 |
| 37. | 16019004 | AMANDEEP | BARU RAM | Design & Analysis of Efficient Resource Allocation Techniques in Small Cell LTE-A Heterogeneous Networks | Dr. Sanjeev Kumar | 26.08.2021 |
| 38. | 17019010 | Anu Bajaj | Joginder Singh | Regression Testing Using Nature Inspired Approaches | Prof. Om Parkash Sangwan | 29.09.2021 |
| 39. | 17019008 | Nirmal Godara | Dayanand Godara | Intelligent Cryptography Approach by Classification and Optimization for Big Storage in Cloud Environment | Dr. Sanjeev Kumar | 22.01.2021 |
| 40. | 17019011 | SAKSHI DHINGRA | SUBHASH DHINGRA | A Hybrid Optimization Approach for Satellite Image classification | Prof. Dharminder Kumar | 21.02.2022 |

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|-----|----------|----------------|---------------------|---|--|------------|
| 41. | 16019016 | ABHISHEK KAJAL | SURAJ BHAN KAJAL | ENHANCED SECURITY MECHANISM AGAINST CYBER ATTACKS IN WIDE AREA NETWORK | Dr. Sunil Nandal | 21.02.2022 |
| 42. | 17019001 | Preeti | Om Parkash | Radio Propagation Models for Underwater Wireless Sensor Networks | Prof. Rishi Pal Singh/ Dr. Adwitiya Sinha | 21.02.2022 |
| 43. | 16019006 | SEEMA RANI | KRISHAN | Evalutinary Algorithm approaches to Data Reduction | Prof. Saroj | 21.02.2022 |
| 44. | 16019014 | MANJU | BHIM SINGH | Analysis and Design of Static and Dynamic Object Oriented Metrics on Software Quality Measurement | Prof. Pardeep Kumar | 19.04.2022 |
| 45. | 16019011 | UJJAWAL | Omveer | Design and Analysis of Efficient Mobility Management Techniques in 5 G Wireless Networks | Prof. Yogesh Chaba | 27.06.2022 |
| 46. | 16019002 | JAI BHAGWAN | CHANDI RAM | Design and Analysis of a Robust Technique for Resource Management in Cloud Computing | Dr. Sanjeev Kumar | 12.05.2022 |

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| 47. | 15019001 | Narender Kumar | Lal Singh | Metaheuristic Computational approaches for Medical Data Mining | Prof. Dharmender Kumar | 23.08.2022 |
| 48. | 190010090006 | SOMYA GOYAL | RAKESH GOYAL | Software measurments using machine learning techniques | PROF. P.K.BHATIA | |
| 49. | 17019005 | Priyanka | Khajan Chand | Metaheuristic Approaches to Design Classifiers for Data Mining | Prof. Dharmender Kumar | |
| 50. | 15019003 | ANJU JAIN | G.C. Jain | Machine Learning Techniques for Medical Diagnosis | Prof. Saroj/ Prof. Dinesh Kumar | |
| 51. | 16019005 | MANOJ | Sh. Jag Ram | A Novel Approach to Enhance the Performance of LTE-A Heterogeneous Networks | Prof. Sanjeev Kumar | 16.11.2022 |
| 52. | 14019004 | Krishan Kumar | Sh. Prabhu Dayal | Design of an Efficient Routing Protocol for 4G Mobile Networks. | Dr. Yogesh Chaba | 12.12.2022 |
| 53. | 17019012 | Shweta | Sh. Narender Singh | Design and Analysis of Trust based model for \internet of things | Dr. Sunil Kumar | 12.12.2022 |
| 54. | 16019003 | Mr. Sunil Kumar | Sh. Jai Singh | Evoling Decision Tree Classification Models | Prof. Saroj | 12.12.2022 |

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|-----|--------------|-------------------|----------------------------|---|---------------------------------------|------------|
| 55. | 180010090001 | SHALOO | Sh. Kartar Singh | Development of Decision Support System on Crop Land Suitability Analysis for Haryana State, INDIA | Prof. Rishipal Singh / Dr. Rajni jain | 25.04.2023 |
| 56. | 17019015 | Ms. Ritu Bala | Sh. Charanjeet Singh | Designing Dataset for Intrusion Detection System | Dr. Ritu Nagpal | 25.04.2023 |
| 57. | 16019015 | Ms. Ritu | Sh. Lal Chand | Analysis and Design of Software Quality Estimation Model Using Soft Computing Techniques | Prof. O.P. Sangwan | 25.05.2023 |
| 58. | 12019004 | Ms. Kirti Khatkar | Sh. Balwan Singh | Design & Development of Biomedical Image Enhancement Techniques | Prof. Dinesh Kumar | 28.06.2023 |
| 59. | 17019009 | Ms. Sunesh | Prof. Rishi Pal Singh | Development of Expert System for Selection of diary Buffaloes | Dr. A.P. Rahil | 28.06.2023 |
| 60. | 17019002 | Ms. Tamanna | Sh. Krishan Chander Sharma | Mining software Repositories for Bug Prediction Using Machine Learning Techniques | Prof. O.P. Sangwan | 27.07.2023 |