



J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD

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Detail of Research Scholars in the Department of Computer Engineering

Sr. No.	Name of Research Scholar	Registration No.	Date of Registration	Mode of PhD (Part time/ full time)	Category	Topic of Research	Details of Funding/ Fellowship, if any (Name, Amount, period)	Name of Supervisor with affiliation	Name of Co-supervisor with affiliation	Status (Awarded /Submitted with date/ Pursuing)
1	Kamal	PHD-02-2K15	30 th May 2016	Part time	General	An Efficient Big Data Analytics Framework for faster data processing		Dr. C. K. Nagpal, Prof. (CE), JCBUST		Pursuing
2	Pooja Ahuja	YMCAUST/PH02/2K16	17 th March 2017	Part time	General	Design of a Secure and reliable Framework for MANET.		Dr. Naresh Chauhan, Prof. (CE), JCBUST	Dr. Preeti Sethi, AP (CE), JCBUST	Pursuing
3	Kuldeep Goyal	YMCAUST/PH01/2K16	17 th March 2017	Part time	General	Design of an Intelligent Decision Support Framework for Multi-attribute Multi-method based System.		Dr. Atul Mishra, Prof. (CE), JCBUST	Dr. Preeti Sethi, AP (CE), JCBUST	Pursuing
4	Shikha Gupta	YMCAUST/PH03/2K16	17 th March 2017	Part time	General	Strategies for designing online Marketing Platform using Adaptive Data Analysis techniques.		Dr. Atul Mishra, Prof. (CE), JCBUST		Pursuing
5	Gyanendra Kumar	YMCAUST/PH04/2K16	17 th March 2017	Part time	General	Improvement of Quality of Services (QOS) in Internet of Things(IoT)		Dr. Parul Tomar, Assoc. Prof. (CE), JCBUST		Pursuing



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6	Dimple Chehal	17-YMCA-902001	1 st August 2017	Full time	General	Design of an E-Commerce Recommender System using data analytics	JRF, since 2019	SRF Aug	Dr. Parul Gupta, Assoc. Prof. (CE), JCBUST	Dr. Payal Gulati, AP (CE), JCBUST	Pursuing
7	Ranjita Joon	17-YMCA-902002	1 st August 2017	Full time for 2 years, Now converted to part time	General	Optimal Path Selection in Cognitive Radio Networks			Dr. Parul Tomar, Assoc. Prof. (CE), JCBUST		Pursuing
8	Surbhi Lingwal	17-YMCA-902003	1 st August 2017	Full time for 2 years, Now converted to part time.	General	Development of Analytical and Predictive Techniques for Machine Learning			Dr. Komal Bhatia, Prof. (CE), JCBUST	Dr. Manjeet Singh, Prof (CA), JCBUST	Pursuing
9	Pramod	17-YMCA-902005	16 th Jan 2018	PT	General	Generation of Business Intelligence through Multi Dimensional Data Analysis using Massive Data			Dr. Komal Bhatia, Prof. (CE), JCBUST	Dr. Atul Mishra, Prof. (CE), JCBUST	Pursuing
10	Madan Singh	17-YMCA-902004	16 th Jan 2018	FT	General	Agile Project Management and Testing in Distributed Development Environment			Dr. Naresh Chauhan, Prof. (CE), JCBUST	Dr. Rashmi Popli, AP (CE), JCBUST	Pursuing



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11	Puneet Garg	18-YMCA-902004	1 st 2018	Aug	FT	ROHC	Design of Effective Data Communication Systems for Opportunistic Network	(TEQIP)	Dr. Ashutosh Dixit, Prof. (CE), JCBUST	Dr. Preeti Sethi, AP (CE), JCBUST	Pursuing
12	Simmi Chawla	18-YMCA-902005	1 st 2018	Aug	FT	HOGC	Design and development of Architecture for interoperability in heterogenous IoT Environment.		Dr. Parul Tomar, Assoc. Prof. (CE), JCBUST	Dr. Sapna Gambhir, Assoc. Prof. (CE), JCBUST	Pursuing
13	Chandni Magoo	18-YMCA-902002	1 st 2018	Aug	FT	HOGC	Context Aware Natural Language Interactive System		Dr. Manjeet Singh, Prof. (CA), JCBUST		Pursuing
14	Vrinda	18-YMCA-902006	1 st 2018	Aug	FT	HOGC	Design of a Computational Model for Measuring Impact of Social Media on Individual Emotional Intelligence		Dr. Komal Bhatia, Prof. (CE), JCBUST	Dr. Rosy Madan, Assoc. Prof. (CSE), MRIIRS, Fbd	Pursuing
15	Moha Gupta	18-YMCA-902003	1 st 2018	Aug	FT	ROHC	Development of Natural Language Translation Technique(s) Using Machine Learning		Dr. Manjeet Singh, Prof. (CA), JCBUST		Pursuing
16	Mamta	14-YMCAU-563	Aug-19		FT	AIC	Design of a Digital Forensic Framework Using Machine Learning	JRF	Dr. Anuradha, Assoc. Prof. (CE), JCBUST	Dr. Deepika, AP (CE), JCBUST	Pursuing
17	Sushmita Singh	14-YMCAU-556	Aug-19		FT	HOGC	Risk analysis and prediction in Epidemic Outbreak using Graph Analytics	JRF	Dr. Manvi Siwach, AP, JCBUST		Pursuing



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18	Ketna Khanna	17-YMCA-502008	Aug-19	FT	HOGC	CLASSIFICATION OF PARKINSON'S DISEASE USING MACHINE LEARNING	TEQIP	Dr. Sapna Gambhir, Assoc. Prof. (CE), JCBUST	Dr. Mohit Gambhir, Innovation Director, Innovation Cell, Ministry of Education Govt. Of India	Pursuing
19	Jyoti Nanwal	14-YMCAU-579	Aug-19	FT	BC-A	DESIGN OF AN INTEGRATED MODEL USING MACHINE LEARNING TECHNIQUES FOR ENHANCING AGRICULTURAL YIELD		Dr. Preeti Sethi, AP(CE), JCBUST		Pursuing
20										
21	Piyush Gupta	19-YMCA-902009	Aug-19	PT	HOGC	Design and Development of an Extensible Risk-Averse Bidding Model for Real Time Bidding Campaigns		Dr. Komal Kumar Bhatia, Prof. (CE), JCBUST	Dr. Neelam Duhan, Assoc. Prof. (CE), JCBUST	Pursuing
22	Monika Gupta	15-YMCAU-555	Aug-19	PT	HOGC	Design of Sustainable Systems for smart cities.		Dr. Parul Gupta, Assoc. Prof. (CE), JCBUST	Dr. Payal Gulati, AP(CE), JCBUST	Pursuing



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23	Vishal Gupta	19-YMCA-902013	Aug-19	PT	HOGC	Design of an Artificial Intelligence based framework for information retrieval using query reformulation.	Dr. Ashutosh Dixit, Prof. (CE), JCBUST	Dr. Dilip Kumar Sharma, Prof. (CE), GLA University, Mathura	Pursuing
24	Jyotsna Parmar	14-YMCAU-548	Aug-19	PT	HOGC	EFFICIENT MULTI-DOCUMENT TEXT SUMMARIZATION	Dr. Manjeet Singh, Prof. (CA), JCBUST		Pursuing
25	Monika Yadav	15-YMCAU-557	Aug-19	PT	BC-B	SCALABLE AND SECURE RESOURCE MANAGEMENT AND LOAD BALANCING IN CLOUD	Dr. Atul Mishra, Prof. (CE), JCBUST		Pursuing
26	Shanu Verma	19-YMCA-902011	Aug-19	PT	BC-A	Prediction of Thyroid Disease using Machine Learning	Dr. Rashmi Popli, AP (CE), JCBUST	Dr. Harish Kumar, Assoc. Prof. (CE), JCBUST	Pursuing
27	Dipti Goel	19-YMCA-902001	Aug-19	PT	HOGC	Design and Development of a Personalized Route Prediction System for Transportation Networks	Dr. Neelam Duhan, Assoc. Prof. (CE), JCBUST	Dr. Komal Bhatia, Prof. (CE), JCBUST	Pursuing
28	Disha Garg	19-YMCA-902002	Aug-19	PT	HOGC	A Multi-layer Framework for Managing and Securing Data in Cloud Environment	Dr. Komal Kumar Bhatia, Prof. (CE), JCBUST	Dr. Sonali Goyal, AP (CE), JCBUST	Pursuing
29	Ayushi	19-YMCA-902014	Oct-19	PT (Interdisciplinary)	HOGC	Enhancing the Performance of Learning Models.	Dr. Rewa Sharma, AP (CE), JCBUST	Dr. Mamta Kathuria,	Pursuing



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									AP (CE), JCBUST	
30	Raveena Aggarwal	19-YMCA-902015	Oct-19	PT (Interdisciplinary)	HOGC	Effective Computing Techniques for big data in cloud environment		Dr. Jyoti, Assoc. Prof. (CE), JCBUST	Dr. Manvi, AP(CE), JCBUST	Pursuing
31	TAMANNA SACHDEVA	15-YMCAU-543	Jan-20	FT	HOGC	Extraction of Valuable Information from Data Stream	JRF	Dr. Lalit Goyal, AP (CE), JCBUST	Dr. Mamta Mittal, AP(CE), GB pant govt. ENGG. College, Delhi	Pursuing
32	RAJESH KUMAR	19-YMCA-902021	Jan-20	FT	SC	Design of a Reliable Framework for Securing Information in IoT system using Blockchain	JRF	Dr. Rewa, AP (CE), JCBUST		Pursuing
33	MANISHA MUDGAL	19-YMCA-902019	Jan-20	FT	HOGC	Design of Multiple Anomalous Activity Detector in Real Time	TEQIP	Dr. Deepika Punj, AP (CE), JCBUST		Pursuing
34	NISHA JHA	15-YMCAU-537	Jan-20	FT	HOGC	Design of AI-Driven Framework for Software Test Automation		Dr. Rashmi Popli, AP (CE), JCBUST	Dr. Sanjeev Goyal, Assoc. Prof. (ME), JCBUST	Pursuing
35	ESHA KHANNA	19-YMCA-902018	Jan-20	PT	HOGC	Design of Quality Enhancement Framework for		Dr. Naresh Chauhan, Prof. (CE),	Dr. Rashmi Popli, AP	Pursuing



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						Distributed Agile Software Development		JCBUST	(CE), JCBUST	
36	SHILPI	19-YMCA-902023	Jan-20	PT	HOGC	Design and Development of a computer vision based smart assistive system for visually impaired		Dr. Komal Kumar Bhatia, Prof. (CE), JCBUST		Pursuing
37	SUNIL KUMAR	19-YMCA-902024	Jan-20	PT	HOGC	Machine Learning based Diagnostic System for Identifying Lung Diseases using Imaging Modality		Dr. Harish Kumar, Assoc. Prof. (CE), JCBUST	Dr. Rewa, AP (CE), JCBUST	Pursuing
38	BIJOY	19-YMCA-902017	Jan-20	PT	ROHC	Predictive Analysis of Addiction for Substance Consumption		Dr. Lalit Goyal, AP (CE), JCBUST	Dr. Mamta Mittal, AP(CE), GB pant govt. ENGG. College, Delhi	Pursuing
39	SANDEEP KUMAR VISHWAKARMA	19-YMCA-902022	Jan-20	PT	ROHC	Image and Video Dehazing Using Machine Learning		Dr. Anuradha, Assoc. Prof. (CE), JCBUST		Pursuing
40	ALKA CHOUDHARY	19-YMCA-902016	Jan-20	PT	HOGC	Concept based Machine Reading Comprehension System		Dr. Manjeet Singh, Prof. (CA), JCBUST		Pursuing
41	TAMANNA	20-YMCA-902010	Nov-20	FT	HOGC	Intelligent Traffic Monitoring and Control System		Dr. Sapna Gambhir, Assoc. Prof. (CE), JCBUST	Dr. Preeti Sethi, AP (CE), JCBUST	Pursuing



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42	NEHA KAUSHIK	20-YMCA-902008	Nov-20	FT	HOGC	Using Machine Learning to Improve QoS in Microservices Architecture	JRF	Dr. Harish Kumar, Assoc. Prof. (CE), JCBUST		Pursuing
43	MANSI MATHUR	20-YMCA-902007	Nov-20	FT	ROHC	An Integrated Service Model to Support Secure QoS Routing in Opportunistic Networks		Dr. Jyoti, Assoc. Prof. (CE), JCBUST	Dr. Poonam, AP (CE), JCBUST	Pursuing
44	ANJALI SARDANA	20-YMCA-902001	Nov-20	PT	HOGC	Reg. Yet not done		Dr. Lalit Mohan Goyal, AP (CE), JCBUST		Pursuing
45	BHAWNA WADHWA	20-YMCA-902002	Nov-20	PT	HOGC	Optimization of Security in Big Data		Dr. Parul Tomar, Assoc. Prof. (CE), JCBUST		Pursuing
46	GAGAN THAKURAL	20-YMCA-902004	Nov-20	PT	HOGC	Early Detection of Lung Cancer with Low-Dose CT Scan using Machine Learning		Dr. Sapna Gambhir, Assoc. Prof. (CE), JCBUST		Pursuing
47	KUMARI DEEPIKA	20-YMCA-902006	Nov-20	PT	ROHC	Design of an Optimal Multimodal Biometric Recognition System		Dr. Deepika Punj, AP (CE), JCBUST	Dr. Jyoti, Assoc. Prof. (CE), JCBUST	Pursuing
48	HIMANSHI ASHRI	20- YMCA- 902005	Nov-20	PT	HOGC	Human activity recognition for monitoring and surveillance		Dr. Payal Gulati, AP (CE), JCBUST	Dr. Sonali Gupta, AP (CE), JCBUST	Pursuing



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49	Ashima Garg	18-YMCA-507002	Dec-20	FT	General	Design and Development of Smart Surveillance System for Wide Area Monitoring and Event Detection	AICTE Doctoral Fellowship	Dr. Sonali Gupta, AP (CE), JCBUST	Dr. Payal Gulati, AP (CE), JCBUST	Pursuing
50	Pulkit Narwal	20-YMCA-902013	Dec-20	FT	General	Multi-Modal Dynamic System for Generic & Personalized Video Summarization using Machine Learning	AICTE Doctoral Fellowship	Dr. Komal Kumar Bhatia, Prof. (CE), JCBUST	Dr. Neelam Duhan, Assoc. Prof. (CE), JCBUST	Pursuing
51	PUSHPA BHARTI SINGH	Reg. Yet not done		PT	BC(A)	-		Dr. PARUL TOMAR, Assoc. Prof. (CE), JCBUST		Pursuing
52	VIJAY KUMAR	Reg. Yet not done		PT	SC(HARYANA)	-		Dr. HARISH KUMAR, Assoc. Prof. (CE), JCBUST	Dr. VED PAL, AP (CE), JCBUST	Pursuing
53	SHIKHA ARORA	Reg. Yet not done		PT	HOGC	-		Dr. Naresh Chauhan, Prof. (CE), JCBUST	Dr. VED PAL, AP (CE), JCBUST	Pursuing
54	ABHAY KANSAL	Reg. Yet not done		PT	HOGC	-		Dr. SAPNA GAMBHIR, Assoc. Prof. (CE), JCBUST	Dr. UMESH KUMAR, AP (CE), JCBUST	Pursuing
55	ARCHANA DAS	Reg. Yet not done		PT	ROHC	-		Dr. C.K.NAGPAL, Prof. (CE),	Dr. AMITA ARORA, AP (CE),	Pursuing



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								JCBUST	JCBUST	
56	KARUNA KAUSHIK	Reg. Yet not done		PT	HOGC	-		Dr. REWA, AP (CE), JCBUST	Dr. Amreek Singh, Scientist F, DRDO	Pursuing
57	RENU SINGH	Reg. Yet not done		FT	HOGC	-		Dr. ASHLESHA GUPTA, AP (CE), JCBUST	Dr. Poonam, AP (CE), JCBUST	Pursuing
58	PIYUSH KUMAR	Reg. Yet not done		FT	ROHC	-		Dr. AMITA, AP (CE), JCBUST		Pursuing
59	Yogesh(Adf)	Reg. Yet not done		FT	SC	-	AICTE Doctoral Fellowship	Dr. Lalit Mohan Goyal, AP (CE), JCBUST		Pursuing
60	Juhi Pruthi(ADF)	Reg. Yet not done		FT	General	-	AICTE Doctoral Fellowship	Dr. Ashutosh Dixit, Prof. (CE), JCBUST		Pursuing