Faculty Profile

Title	Dr.	First Name	Pranav	Last Name	Dass	Photograph
Designation		Assistant Professor				
Department		Computer Science				
Address		F-23 Model Town-I, Upper Ground Floor, Delhi-110009				
Email		pdasscs@shyamlal.du.ac.in, pranav.dass29@gmail.com				
Web-Page		https://www.researchgate.net/profile/PRANAV_DASS/info, https://scholar.google.com/citations?user=vyKyhj4AAAAJ&hl=en				

Educational Qualification

Degree	Subject	University/ College/Institution	Year
B. Tech.	Computer Science and Engineering	Guru Tegh Bahadur Institute of Technology, Guru Gobind Singh Indraprastha University, Delhi, India	2005
M. S.	Computer Science	North Dakota State University, Fargo, North Dakota, USA	2009
Ph. D.	Computer Science	North Dakota State University, Fargo, North Dakota, USA	2017

Experience

	Name of the University/College/ Institute/Organisation	Designation & Status (Permanent/ Ad-hoc)	From	To	Effective time period
Teaching	Shyam Lal College, New Delhi	Assistant Professor	28th March, 2023	Present	
	Bharati Vidyapeeth's College of Engineering, New Delhi	Professor	1st August, 2022	5th January, 2023	0 years, 5 months, 5 days
	Bharati Vidyapeeth's College of Engineering, New Delhi	Associate Professor	1st January, 2020	31st July, 2022	2 years, 7 months, 0 days
	Bharati Vidyapeeth's College of Engineering,	Assistant Professor	10th January, 2019	31st December	0 years, 11 months, 22 days

	New Delhi			, 2019	
	Galgotias University, Uttar Pradesh	Associate Professor	1st July, 2017	4th January, 2019	1 year, 6 months, 4 days
	Galgotias University, Uttar Pradesh	Assistant Professor	11th July, 2016	30th June, 2017	0 years, 11 months, 20 days
	Guru Tegh Bahadur Institute of Technology, New Delhi	Assistant Professor	22nd November, 2010	22nd January, 2012	1 year, 2 months, 1 day
Research/ Corporate	Ecliptic Technologies Inc., USA	Software Developer	1st February, 2010	20th August, 2010	0 years, 6 months, 20 days
Consultancy					

Teaching-Learning Process (Academic Year 2022-23 Onwards)

Are You using ICT (LMS, E-Resources)?	If yes, please give the details below:	
	Name	Total Numbers
E-Resources	E-books, Power point presentations (PPT's)	1 PPT/unit (as per University guidelines)
Techniques and Platforms	Whatsapp class groups	1 per class

Career Advancement and Contribution to College Corporate Life (2022-23 Onwards)

	Name of the Committee/ Centre/ Society/ Cell	Designation	From	To
Convenor/Member of Committees	Research & Development Cell	Member	25th January, 2024	Present
	Logistics Committee (Annual Day 2023)	Member	21st October, 2023	30th October, 2023
	Institution's Innovation Council (IIC)	Member	16th October, 2023	Present
	Computer Committee/IT Committee	Member	16th October, 2023	Present
	Time Table Committee – Science	Member	16th October, 2023	Present
	AQAR Committee	Member	5th October, 2023	Present
	NIRF Committee	Member	25th September, 2023	Present
	Placement Cell	Member	19th September, 2023	Present
	Election Grievance Redressal Committee (Students'Union Election 2023-24)	Member	5th September, 2023	22nd September, 2023
Any Other Administrative				

Responsibility (Bursar, Coordinator, Superintendent etc.)				

Areas of Interest/Specialisation

S. No.	Areas of Interest/ Specialisation
1	Data Mining
2	Data Analytics
3	Mind Mapping

Subjects Taught

S. No.	Subject	Subject Type	Semester/Year
1	Data Structures using C++	Generic Elective (GE)	January-May 2024 (4th Semester)
2	Data Structures using C++	Discipline-specific Core (DSC)	July-December 2023 (5th Semester)
3	Data Structures using C++	Discipline-specific Core (DSC)	March-June 2023 (2nd Semester)
4	Data Analysis and Visualization using Python	Generic Elective (GE)	March-June 2023 (2nd Semester)

Publications: Citation Index in Scopus/Web of Science or Pub Med/ Indian Citation Index

Title of Paper	Name of the Author	Title of the Journal	Year of Publication	Citation Index	h-Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations	Impact factor, if any
Adaptive fuzzy convolutional neural network for medical image classification	Shivani Gupta, Nileshkumar Patel, Ajay Kumar, Neelesh Kumar Jain, Pranav Dass, Rajalaxmi Hegde	Journal of Intelligent & Fuzzy Systems (JIFS)	2023	0	10	Shyam Lal College, University of Delhi	0	2.0

	and A. Rajaram							
Impact on GDP and the stock market during pandemics or epidemics of 21st century	Md. Arman Hossen, Md. Merazur Rahman, Md. Nabil Ahmed Nahid, Rafiul Islam, Sumit Kumar Banshal, Vedika Gupta and Pranav Dass	Journal of Interdisciplinary Mathematics (JIM)	2023	0	10	Bharati Vidyapeeth's College of Engineering, New Delhi	0	
A truncated deep neural network for identifying age groups in real time images	Vedika Gupta, Pranav Dass, Vibhuti Bansal and Rameshwar Arora	Journal of Interdisciplinary Mathematics (JIM)	2022	1	10	Bharati Vidyapeeth's College of Engineering, New Delhi	1	
Pendulating or resonating? A case of echo-chambers in Twitter	Vedika Gupta, Pranav Dass and Rameshwar Arora	Journal of Discrete Mathematical Sciences and Cryptography (JDMSC)	2022	3	10	Bharati Vidyapeeth's College of Engineering, New Delhi	1	

Prediction of COVID-19 corona virus pandemic based on time series data using support vector machine	Vijander Singh, Ramesh Chandra Poonia, Sandeep Kumar, Pranav Dass, Pankaj Agarwal, Vaibhav Bhatnagar and Linesh Raja	Journal of Discrete Mathematical Sciences and Cryptography (JDMSC)	2020	220	10	Bharati Vidyapeeth's College of Engineering, New Delhi	186	
Descriptive analysis of COVID-19 patients in the context of India	Vaibhav Bhatnagar, Ramesh Chandra Poonia, Pankaj Nagar, Sandeep Kumar, Vijander Singh, Linesh Raja and Pranav Dass	Journal of Interdisciplinary Mathematics (JIM)	2020	158	10	Bharati Vidyapeeth's College of Engineering, New Delhi	139	

Genetically modified organisms: Reliability analysis and perceptions	Pranav Dass, Naved Anjum and Divya Gupta	Journal of Information and Optimization Sciences (JIOS)	2018	6	10	Galgotias University, Uttar Pradesh	4	
On a functional equation related to some entropies in information theory	Dhiraj Kumar Singh and Pranav Dass	Journal of Discrete Mathematical Sciences and Cryptography (JDMSC)	2018	11	10	Galgotias University, Uttar Pradesh	5	
Hybridization of classical unidimensional search with ABC to improve exploitation capability	Pranav Dass, Shimpi S. Jadon, Harish Sharma, Jagdish C. Bansal and Kendall E. Nygard	International Journal of Artificial Intelligence and Soft Computing (IJAISC)	2015	3	10	North Dakota State University, USA	3	

Difference Equations and Rao-Hamming Bound	Pranav Dass, L. Berardi and B. K. Dass	Journal of Interdisciplinary Mathematics (JIM)	2013	3	10	North Dakota State University, USA		1	
Difference Equations and Hamming Codes	B. K. Dass, Pranav Dass and S. Innamorati	Journal of Combinatorics, Information and System Sciences (JCISS)	2006	0	10	Guru Tegh Bahadur Institute of Technology, New Delhi		0	

Books and Chapters in Edited Volumes/Books published, and papers in National /International conference Proceeding per teacher during the Year				
Title of Book/Paper/ Book Chapter	Publisher	National/International	Year	
Big Data Analytics	Book Rivers	International	2023	
Blockchain: A novel paradigm for secured data transmission in telemedicine	Academic Press, Elsevier	International		2021
Investigation of Auto Emotional Detection of Health Professionals based on bio information data analytics	IEEE	International		2022
The Review of Prediction Models for COVID-19 Outbreak in Indian Scenario	Springer	International		2022
Adversarial Password	ACM	International		2019

Guessing – A Review				
Gender differences in perceptions of genetically modified foods	Curran Associates Inc.	International		2016
Risk perceptions for genetically modified organisms: An empirical investigation	ACTA Press	International		2016
Energy demand prediction using neural networks	Curran Associates Inc.	International		2016
Optimization Modeling in a Smart Grid	CSREA Press	International		2015
Meta Heuristics for Prime Factorization Problem	Curran Associates Inc.	International		2014

Conference/ Seminar/ Symposium/ Workshop/ Presentation

S. No.	National/ International/state	Topic	Presentation/Attended /Resource Person	Date	Duration	
1	International	Challenges in IoT	Resource Person	23rd February 2024	1 day	
2	International	Recent Trends in Data Science	Resource Person	10th January 2024	1 day	
3	International	International Conference on Organizational Innovation (ICOI '23)	Resource Person	July 25-27, 2023	3 days	
4	International	International Conference on Organizational Innovation (ICOI '19)	Resource Person	July 20-22, 2019	3 days	*Conferences*
5	International	International Symposium on Software Engineering and Applications (SEA)	Paper Presentation	October 26-27, 2015	2 days	
6	International	5th World Congress on Nature and Biologically Inspired Computing (NaBIC „13)	Paper Presentation	August 12-13, 2013	2 days	
7	International	International Conference on Advances in	Paper Presentation	October 5-7,	3 days	

S. No.				Date	Duration	
		Interdisciplinary Statistics and Combinatorics (AISC „12)		2012		
8	International	5th National Statistics Day cum Summer Training Program on Optimization and Business Analytics	Paper Presentation	June 29 - July 3, 2011	5 days	
9	International	International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC „07)	Paper Presentation	October 12-14, 2007	3 days	
10	International	International Conference on Statistics, Combinatorics and Related Areas	Paper Presentation	October 3-5, 2003	3 days	
						Workshops

Research Projects/ Innovation Projects (Major Grants/Research Collaboration)

S. No.	Title of the Project	Funding Agency	Status/Output
1	Development of Prediction Model for COVID-19 using Machine Learning	Science and Engineering Research Board (SERB), DST, Government of India	Completed

Research Guidance (Ph. D./ M. Phil.)

	No. of Ph.D. Students	No. of M.Phil. Students
Awarded		
Submitted		
Under Progress		

Fellowships/Awards /Distinctions/Recognitions

Year of Award	Name of the Fellowship/Award/ Distinction/ Recognition	Designation	Name of the Academic Bodies /Association	International /National/ State
2022	Elite Teacher Award	Online	I2OR, Registered MSME, Government	National

			of India	
2022	National Young Scientist Award	Online	I2OR, Registered MSME, Government of India	National
2012	Young Researcher NSF Award	International Conference on Advances in Interdisciplinary Statistics and Combinatorics	National Science Foundation (NSF)	International
2007	Young Researcher NSF Award	International Conference on Advances in Interdisciplinary Statistics and Combinatorics	National Science Foundation (NSF)	International

Incentive to the teachers who receive recognition/awards

State	National	International

Association with the Professional Bodies

	Name of the Organisation	Year
Membership	Computer Society of India (CSI)	Lifetime
Any Other	Upsilon Pi Epsilon Honor Society for the Computing and Information Disciplines	2008
	Association of Computing Machinery (ACM)	2008

Development of E-Learning Delivery Process/Material

S. No.	Title of the Module	Recognized by/Submitted at/ Delivered at any government setup
1	Data Structures using C++	Shyam Lal College, University of Delhi
2	Data Analysis and Visualization using Python	Shyam Lal College, University of Delhi

Refresher/ Orientation Programme/ FDP / Other Specialised Courses

S. No.	Topic	Name of the Organiser	Place	Duration and Year
1	Fundamental Course in Python (30-hours add-on course)	Department of Computer Science, Shyam Lal College, University of Delhi	Online mode	5-weeks (2023)
2	Refresher Programme on	TLC, Ramanujan College,	Online mode	2-weeks (2023)

	"Advanced Research Methodology"	University of Delhi in collaboration with M.V.S. Government Arts & Science College, Telangana under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Ministry of Education, New Delhi		
3	Orientation Programme on "Faculties in Universities/Colleges/Institutes of Higher Education"	TLC, Ramanujan College, University of Delhi in collaboration with Army Institute of Education, GGSIPU under the aegis of Ministry of Education, New Delhi	Online mode	4-weeks (2023)
4	Refresher Programme on "Design, Development and Delivery of MOOCs"	STRIDE, IGNOU, New Delhi	Online mode	2-weeks (2023)

Declaration

I do hereby solemnly declare that the information given and the statements made by me are correct and true to the best of my knowledge.

Pranav

Dr. Pranav Dass

Signature with Full Name