

Invited lectures /Keynote address/ Resource Person/chairing a session/ Paper Presentation/Poster Presentation/in Seminars/ Conferences/ reviewer for research papers and conference abstracts (2020-21)

Department	Name of the Faculty	Title of Lecture/Paper/Poster	Invited Lecture/Resource Person/Paper/Poster presented	Nature of Programme	Organizing Agency	Level
Biochemistry	Dr. V. A. Pratyusha	Nodulation and nitrogen fixation potentials of native legume crops and their response to mineral N and P rates Shimbahri Mesfin, Girmay Gebresamul, Mitiku Haile, Amanuel Zenebe and Girma Desta	Reviewer		Archives of Microbiology (Journal)	International
	Dr. V. A. Pratyusha	Melatonin confers heavy metal tolerance of a dark septate endophyte (DSE) <i>Exophiala pisciphila</i> via lowering oxidative stress and heavy metal accumulation Yang Yu Zhaowei Teng Zongmin Mou	Reviewer		BMC Microbiology	International

		Yan Lv, Tao Li Suiyun Chen Dake Zhao and Zhiwei Zhao				
Biomedical Science	Dr. Shruti Banswal	Biology of Mushrooms	Invited lecture	Entrepreneurs hip and FDP, entitled “Edible Mushrooms- From Lab to Farm” on 15 th February 2021.	Department of Microbiolo gy SRCASW	National
Computer Science	Dr. Suruchi Chawla	Application of Hybrid of ACO-BP in Convolution Neural Network for effective classification	Paper presented	International Conference on Artificial Intelligence:A dvances and Applications	Poornima College of Engineering ,Jaipur and Rajasthan Technical University, Kota	International
	Deepali Bajaj	Migration Strategies for clouds Applications	Invited Lecture	4 th International Conference on Computing and Network Communicatio ns (CoCoNet’20)	Vellore Institute of Technology , Chennai	International
	Urmil Bharti	FaaS Orchestration in Production Serverless Platform	Invited Lecture	Conference	Vellore Institute of Technology	International

					, Chennai	
	Urmil Bharti	A Novel Design Approach Exploiting Data Parallelism in Serverless Infrastructure	Paper presented	Conference	Vellore Institute of Technology , Chennai	International
	Dr. Suruchi Chawla	Application of Hybrid of ACO-BP in Convolution Neural Network for effective classification	Paper presented	International Conference on Artificial Intelligence: Advances and Applications	Poornima College of Engineering ,Jaipur and Rajasthan Technical University, Kota	International
	Deepali Bajaj	Migration Strategies for clouds Applications	Invited Lecture	4 th International Conference on Computing and Network Communications (CoCoNet'20)	Vellore Institute of Technology , Chennai	International
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	Urmil Bharti	A Novel Design Approach Exploiting Data Parallelism in Serverless Infrastructure	Paper presented	Conference	Vellore Institute of Technology , Chennai	International
Food Technology	Dr. Para Dholakia	Phytochemical and radical scavenging	Paper presented	Conference	International Institute of	International

		activity of Bauhinia. Variegata (Kachnar stem)			Technical Teachers, Dehradun, regd under MSME, India	
	Ms.Saumya Chaturvedi	Impact of Covid-19 Pandemic on the Indian Food processing Industry:FSSAI,MO FPI guidelines and industry case studies	Paper presented	Conference	International Institute of Technical Teachers, Dehradun, regd under MSME, India	International
	Ms.Vandana	A study on the detection of heavy metal contaminants in food	Paper presented	Conference	International Institute of Technical Teachers, Dehradun, regd under MSME, India	International
	Dr Twinkle Kumar Sachchan	Entrepreneurship	Resource Person	Junior Entrepreneurs hip	ED Cell SRCASW	National
	Ms.Prabhjot Kaur Sabharwal	Entrepreneurship	Resource Person	Junior Entrepreneurs hip	ED Cell SRCASW	National
	Ms.Prabhjot Kaur Sabharwal	Phytochemical and radical scavenging activity of Bauhinia. Variegata (Kachnar stem)	Paper presented	Conference	International Institute of Technical Teachers, Dehradun,	International

					regd under MSME, India	
	Dr. Jyoti Nishad	Microbiology of fermented foods	Resource Person	Guest lecture	Amity Institute of Food Technology, Amity, Noida	National
	Dr. Jyoti Nishad	Enzymes: Production and application	Resource Person	Guest lecture	Amity Institute of Food Technology, Amity, Noida	National
	Dr. Jyoti Nishad	Impact of ultrasonication on stability of citrus peel extract within water-in-oil emulsion (W/O): Optimization through Response surface methodology	Oral presentation	Conference	7th International Conference on Agricultural and Biological Sciences (ABS 2021) (Bohai University, Liaoning Province, China)	International
Instrumentation	Dr.SnehaKabra	Session Chair	Session Chair	IEEE IINDICON 2020	IEEE Delhi Section & NSUT	International

Mathematics	Dr. Punita Saxena	Efficiency Assessment of Indian passenger airlines using two stage efficiency model:Non traditional DEA approach	Paper presentation	Conference	4 th International Conference on Mathematical techniques in Engineering Applications, organized by Graphics Era University, Dehradun, India , 4-5 December 2020.	International(within country)
	Dr. Shivam Kumar Singh	Note on a Class of K-Paranormal Weighted Composition Operators on the Fock Space $F^p(C)$	Reviewer for a research paper	Reviewed research paper entitled “Note on a Class of K-Paranormal Weighted Composition Operators on the Fock Space $F^p(C)$ ” of the Scopus indexed journal “Mathematics for Applications	Mathematics for Applications, Institute of Mathematics Faculty of Mechanical Engineering, Brno University of	International (outside country)

					Technology Technická 2896/2 616 69 Brno Czech	
Microbiology	Dr. Yamini Agrawal	Biochemical and molecular evaluation of pigeonpea genotypes for <i>Fusarium</i> wilt (<i>Fusarium udum</i>) resistance. IPPJ-D-21-00025R1.	Dr. Yamini Agrawal	Biochemical and molecular evaluation of pigeonpea genotypes for <i>Fusarium</i> wilt (<i>Fusarium udum</i>) resistance. IPPJ-D-21-00025R1.	Dr. Yamini Agrawal	Biochemical and molecular evaluation of pigeonpea genotypes for <i>Fusarium</i> wilt (<i>Fusarium udum</i>) resistance. IPPJ-D-21-00025R1.
	Dr. Yamini Agrawal	Effect of weather conditions on occurrence of several foliar fungal diseases of apple in the context of the Kumaon region of India. IPPJ-D-20-00399.	Dr. Yamini Agrawal	Effect of weather conditions on occurrence of several foliar fungal diseases of apple in the context of the Kumaon region of India. IPPJ-D-20-00399.	Dr. Yamini Agrawal	Effect of weather conditions on occurrence of several foliar fungal diseases of apple in the context of the Kumaon region of India. IPPJ-D-20-00399.
	Dr. Yamini Agrawal	Identification of resistant sources in <i>Brassicac</i> s against <i>Alternaria</i> blight under natural and artificially inoculated	Dr. Yamini Agrawal	Identification of resistant sources in <i>Brassicac</i> s against <i>Alternaria</i> blight under	Dr. Yamini Agrawal	Identification of resistant sources in <i>Brassicac</i> s against <i>Alternaria</i> blight under natural

		infector-row field conditions. IPPJ-D-20-00330.		natural and artificially inoculated infector-row field conditions. IPPJ-D-20-00330.		and artificially inoculated infector-row field conditions. IPPJ-D-20-00330.
	Dr. Yamini Agrawal	Cultivation of Kabul Dhingri (<i>Pleurotus eryngii</i>) mushroom by standardizing protocols in sub-tropical zones of Rajasthan. IPPJ-D-20-00073	Dr. Yamini Agrawal	Cultivation of Kabul Dhingri (<i>Pleurotus eryngii</i>) mushroom by standardizing protocols in sub-tropical zones of Rajasthan. IPPJ-D-20-00073	Dr. Yamini Agrawal	Cultivation of Kabul Dhingri (<i>Pleurotus eryngii</i>) mushroom by standardizing protocols in sub-tropical zones of Rajasthan. IPPJ-D-20-00073
	Dr. Kohinoor Kaur	Antimicrobial fabrics: an innovation in textile technology	Dr. Kohinoor Kaur	Antimicrobial fabrics: an innovation in textile technology	Dr. Kohinoor Kaur	Antimicrobial fabrics: an innovation in textile technology
	Dr. Kohinoor Kaur	Biotechnological Applications of Microbial Enzymes to Replace Chemicals in the Textile Industry- A Review	Dr. Kohinoor Kaur	Biotechnological Applications of Microbial Enzymes to Replace Chemicals in the Textile Industry- A Review	Dr. Kohinoor Kaur	Biotechnological Applications of Microbial Enzymes to Replace Chemicals in the Textile Industry- A Review
	Dr. Richa Sharma	Study on <i>Arachis hypogaea</i> Shell	Dr. Richa Sharma	Study on <i>Arachis</i>	Dr. Richa Sharma	Study on <i>Arachis</i>

		Extract for controlling the growth of <i>Escherichia coli</i> on Cotton Fabric		<i>hypogaea</i> Shell Extract for controlling the growth of <i>Escherichia coli</i> on Cotton Fabric		<i>hypogaea</i> Shell Extract for controlling the growth of <i>Escherichia coli</i> on Cotton Fabric
Physics	Dr Ashok Kumar	Effect of X-ray dose on Etching Parameters of Lexan Polycarbonate Plastic Detector	Paper	Conference	Shobhit University Meerut	National
	Dr Ashok Kumar	Investigation of UV radiation effect on etching parameters and activation energy of CR-39 plastic detector	Poster presentation	Symposium (Conference)	DAE-BRNS High Energy Physics	International
	Dr. Rajan Goyal	Talk on Mathematical Physicson 7 th September, 2020 in an 11-Week Course on Learning Physics with Conceptual & Problem Based Approach.	Invited Lecture	FDP	The National Academy of Sciences India (NASI)-Delhi Chapter	National
	Dr. Rajan Goyal	Talk on Mathematical Physics on 10 th September, 2020 in an 11-Week Course on Learning Physics with Conceptual & Problem Based	Invited Lecture	FDP	The National Academy of Sciences India (NASI)-Delhi Chapter	National

		Approach.				
	Dr. Amit Kumar	Magnetic refrigeration and critical behavior of the perovskite hexagonal polytypes: A review and analysis	Paper	Conference	Shobhit University Meerut	National
Psychology	Dr. Komal Chandiramani	Job Satisfaction and Organizational Commitment: A Gender based statistical interrogation	Paper presented	Conference	SRCASW (Department of management and financial studies)	International (within Country)
	Dr. Nupur Gosain	Stress Management in time of Pandemic Covid-19	Resource Person	Webinar	Department of Zoology and Central Library, S.B.M.S College, Sualkuchi, Kamrup, Assam	National
	Dr. <u>Nupur Gosain</u>	Converting Crisis into Opportunity	Resource Person	Motivational Webinar	Collectcent Organization	National
	Dr. Nupur Gosain	Collaborative Counselling for Healthy Mind	Resource Person	Online Workshop	Department of Physical Education, PGSR, Krishnammal College for Women,	National

					Coimbatore , Tamil Nadu	
Management	Ms.Yuthika Aggarwal	Water an element of life: Price sensitivity and consumption by the marginalised	Resource Person	Book Discussion	Jaladhikar Foundation	National
	Ms.Yuthika Aggarwal	Panel 2: General Management and Economics, International Young Researcher's Conclave	Co-Chair	Conclave	Department of Managemen t Studies and Department of Financial Studies, SRCASW	International (within country)
	Ms.Yuthika Aggarwal	The Horizon	Review Editor	Review Editor	'The Horizon' a Journal of Social Sciences	National
	Dr.Nidhi Nijhawan	Reviewed a manuscript PONE- D-20-31648 : Reliability Model for Open-Source Software Considering Weibull Distribution in the Processes of Fault Detection and Introduction			PLOS ONE	International Journal
	Mr.Rajdeep Singh		Co-Chaired	International	Department	International

			Technical Session on Finance	Young Researchers Conclave	of Management and Financial Studies, Shaheed Rajguru College of Applied	(within country)
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