

**Shaheed Rajguru College of Applied Sciences for Women Research**

**Presentations (July 2019- June 2020)**

**Invited lectures /Keynote address/ Resource Person/chairing a session/ Paper Presentation/Poster Presentation/in Seminars/ Conferences/ reviewer for research papers and conference abstracts**

Department	Name of the Faculty	Title of Lecture/Paper/Poster	Invited Lecture/Resource Person/Paper/ Poster presented	Nature of Programme *	Organizing Agency	Level**
<b>Biochemistry</b>	Dr. Alok Kumar Singh	Green Synthesis of Silver Nanoparticles Using Ocimumcanum and Their Anti-Bacterial Activity	Reviewer	Reviewer	Biochemistry and Biophysics Reports, (Elsevier)	International (Abroad)
		Atmanirbhar Bharat	Guest of Honour	National Webinar	Gurugram University, Gurugram	National
	Dr. V. A. Pratyusha	Nodulation and nitrogen fixation potentials of native legume crops and their response to mineral N and P rates	Reviewer	Reviewer	Archives of Microbiology	International (Abroad)
		Silver diamine fluoride	Reviewer	Reviewer	BMC	International

		(SDF) used in childhood caries management has potent antifungal activity against oral Candida species			Microbiology	(Abroad)
<b>Biomedical Sciences</b>	Dr. Indu Arora	Nano technology and its role in drug discovery and development	Invited lecture	Advancements & Innovations Of Nanostructured Materials & Nanochemistry	Gandhi Memorial college, Srinagar, Kashmir	National seminar
	Dr. Mohd Saquib Ansari	Decoding the genetic predisposition of type 2 diabetes	Invited Lecture	National conference on Emerging Synergistic Trends in Ayurvedic and Biomedical Sciences	Institute of Biomedical Sciences, Bundelkhand University	National
		National Conference on Science and Technology in Environmental Management	Session Chairperson	Conference	Society for Green World and Sustainable Development, Bipin Bihari College, Jhansi	National
<b>Chemistry</b>	Dr. Parul	Fluorescein-entrapped magnetosomes for	Paper	Conference	University of central	International

		magnetically assisted photodynamic therapy			Lancashire, Preston, United Kingdom	
<b>Computer Science</b>	Urmil Bharti	Python Programming	Resource Person	A five day workshop on "Basic and Applied Sciences"	SRCASW	State
	Tina Sachdeva	Mongo DB and SQL	Resource Person	Five day workshop on —Basic and Applied Sciences	SRCASW	State
<b>Department of Management and Financial Studies</b>	Yuthika Agarwal	Freezing point- An Experience Sharing Session on Mountaineering	Invited Lecture	Webinar	Crazy Runners	National
		Game of Life- Play it Best	Resource Person	Workshop	Chinmaya Yuva Kendra Noida; Army Public School Noida	
<b>Electronics</b>	Ms. Venika Gupta	Meltdown, Spectre and its relation to Processor Architecture	Resource Person	Faculty Exchange Program in Silesian University, Faculty of Philosophy and Science in OPAVA, Czech Republic	Erasmus+	International (Abroad)
	Ms. Preeti	Introduction to Arduino	Resource	Faculty	Erasmus+	International

	Singhal	– have fun with its applications	Person	Exchange Program in Silesian University, Faculty of Philosophy and Science in OPAVA, Czech Republic		(Abroad)
	Ms. Monika Tyagi	Non-linear vibration of curved SWCNTs embedded in viscous elastic matrix using Asymptotic Perturbation method for chaotic behavior	Poster Presented	International Conference on Atomic, Molecular, Optical & Nano Physics with Applications (CAMNP 2019) December 18th - 20th, 2019	Department of Applied Physics, Delhi Technological University, New Delhi, India	International (within country)
<b>Environmental Studies</b>	Dr. Smita Sundaram	Effect of Iron Oxide nano particle on oxidative stress generated free radical detection by electron paramagnetic resonance spectroscopy in plant	Poster	India International Science Festival, 2019	Ministry of Science & Technology, Ministry of Earth Science, Ministry of Health and family Welfare, Vigyan Prasar & Vijnana Bharati	International (within country)
		Tech4Seva	Resource	Three days	Unnat Bharat	National

			person	national workshop on technology outreach as an enabler for inclusive and sustainable development	Abhiyan, IIT Delhi & VIBHA	
	Dr Prachi Singh	Rice-husk and wheat-husk iron oxide biochar nanocomposites for the sustainable removal of arsenic from water	Invited Lecture	Conference	ISM Dhanbad-FICCI	International (within country)
		Iron-oxide nanocomposite biochars for the sustainable removal of arsenic from the water	Oral Presentation	International Conference on Recycling and Waste Management	Herald Meetings and the Editors of Journal of Atmospheric & Earth Science, Prague.	International (Virtual)
		Developed biochar nanocomposites for the adsorption of As(V) from water'	Poster Presented	Conference on Nano/Bio-Technology	JNU, New Delhi.	National
		Rice-husk and wheat-husk iron oxide biochar nanocomposites for the sustainable removal of arsenic from water	Invited Lecture	Conference	ISM Dhanbad-FICCI	International (within country)
<b>Food Tech.</b>	Ms.Saumya Chaturvedi	Status of cereal processing and production in India	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National

		Health Benefits of Microgreens	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Non thermal processing in Food Industry	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
	Ms.Vandana	Status of cereal processing and production in India	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Health Benefits of Microgreens	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Non thermal processing in Food Industry	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Development of Meat Analogue and its Physico-chemical analysis	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Physico-chemical analysis of three different wheat cultivars	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Comparison between physico-chemical properties of different wheat varieties	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
	Ms.Prabhjot kaur	Development of Meat	Poster	Conference	Shayama Prasad	National

	Sabharwal	Analogue and its Physico-chemical analysis	Presented		Mukherjee college, University of Delhi	
		Physico-chemical analysis of three different wheat cultivars	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
		Comparison between physico-chemical properties of different wheat varieties	Poster Presented	Conference	Shayama Prasad Mukherjee college, University of Delhi	National
	Dr. Jyoti Nishad		Reviewer for research papers		Journal of Food Science and Technology; Scientia horticulturae; Trends in Food Science and Technology; Industrial Crops and Products; Journal of Food Measurement and Characterization; Journal of the Saudi Society of Agricultural Sciences; Journal of Chemistry; Journal of Food Processing and Preservation	
<b>Instrumentation</b>	Sneha Kabra	Trends and Challenges	Panelist	Seminar	Indira Gandhi	State

		in Microelectronics and VLSI Design			Delhi Technological University for Women (IGDTUW).	
		'WIE IEEE Awareness'	Invited Lecture	Workshop	J C Bose University of Science & Technology (YMCA), Faridabad	State
	Himani Dua Sehgal	Comparative Analysis of Dielectric Modulated Junctionless FinFET Biosensor and Junctionless DG MOSFET Biosensor for Medical Instrumentation	Paper Presented	International Conference on Power Electronics, Control and Automation (ICEPA)	Jamia Millia Islamia, New Delhi	International (within country)
	Neha Garg	Impact of Trap Charges and High Temperature on Reliability of GaAs/Al <sub>2</sub> O <sub>3</sub> based JunctionlessFinFET	Poster Presented	7th International Conference on Computers and Devices for Communication	Department of Radio Physics and Electronic, University of Calcutta	International (within country)
<b>Maths</b>	Dr. Shivam Kumar Singh	International Conference on Mathematical Analysis and its Applications (ICMAA-2019)	Paper presented	Conference	Department of Mathematics, South Asian University, Delhi	International (within country)



	Ms. Tanvi	Dynamics of HIV-TB Co-infection with Detection as Optimal Intervention Strategy	Paper presented	Symposium	Bolyai Institute, University of Szeged/Hungarian Academy of Sciences Hungary.	International (Abroad)
<b>Microbiology</b>	Dr. Ashwini Kumar Ray	Speaker in a National Webinar on Covid – 19: Evaluation Treatment and Management	Speaker	Webinar	Shaheed Rajguru College of Applied Sciences for Women.	National
<b>Physics</b>	Dr. Ashok Kumar	Effect of X-ray dose on Etching parameters of Lexan Polycarbonate Plastic Detector	Paper Presented	Conference	Shobhit University	International (within Country)
	Dr. Rajan Goyal	Exchange Coupling in Transition metal alloys	Invited Lecture	Seminar	Department of Applied Physics, Delhi Technological University, Delhi, India	International (within country)
	Mr. Amit Kumar	Jahn-Teller distortion effects on the transport properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ perovskite NPs	Reviewer for research paper		Materials Research Express, IOP Science Publishing	International (Abroad) Journal
		Study Of Magnetocaloric Effect On Nanosized Dysprosia Via Transition Metal Ions (Co, Ni) Doping	Reviewer for research paper		Vacuum Journal - Elsevier	International (Abroad) Journal
Evidence of cluster-glass and Griffiths-like phases in partially B-site		Reviewer for research paper		Journal of Physics D: Applied Physics,	International (Abroad) Journal	

		ordered ferrimagnetic La <sub>2</sub> FeMnO <sub>6</sub> double perovskite			IOP Science Publishing	
<b>Psychology</b>	Dr. Shalini Choudhary	Socio-demographic Indicators of Borderline Personality Disorder in North India	Paper Presented (as a Nominee for Emerging Psychologist Award)	Conference (XXIX Annual Convention of National Academy of Psychology (NAOP) on Making Psychology Deliverable to the Society	Department of Applied psychology, Pondicherry University, Pondicherry, India	International (within country)
		Reformulation of Self Concept, Social Consciousness and Social Harmony in Context of Covid-19	Invited Lecture as Eminent Speaker	National Webinar on Reformulation of Self Concept, Social Consciousness and Social Harmony in Context of Covid-19	Department of Psychology, Munishwar Dutt PG College, Pratapgarh, U.P, India	National
	Ms. Ankita Mishra	Gender inclusion in education in India: Challenging the status quo	Paper Presented	National Seminar on Rethinking Education in	School of Education, Guru Nanak Dev	National

				August 12-13, 2019	University, Amritsar	
		Victims of criminal justice system: Exploring the experiences of transgender community in Delhi, India	Paper Presented	Fourth International Conference of the South Asian Society of Criminology and Victimology (SASCV)	South Asian Society of Criminology and Victimology	International (within country)
		False promise of marriage as rape: Shifting discourse on rape in India	Paper Presented	Fourth International Conference of the South Asian Society of Criminology and Victimology (SASCV)	South Asian Society of Criminology and Victimology	International (within country)
	Dr. Komal Chandiramani	Job Satisfaction, Organizational Commitment and Employee Empowerment: A gender based Statistical Interrogation	Paper Presented	XVI National Conference on Women Studies (Constitutional Principles in 21st century India:	National Law University, New Delhi	National

				Visions for Emancipation)		
		Career Counselling Session	Resource Person	Career counselling session for students of classes XI and XII and their parents	Geeta Bharti Senior Secondary School	State
	Dr. Nupur Gosain	Career Counselling Session	Resource Person	Career counselling session for students of classes XI and XII and their parents	Geeta Bharti Senior Secondary School	State
		Understanding Psychological Well-Being through the Perspective of Yoga	Paper Presented	5th International Conference of Indian Academy of Health Psychology held on 20th – 22nd October 2020.	Mahatma Gandhi Kashi Vidyapeeth, Varanasi	International (Within Country)
		Impact of Yoga on Psychological Well – Being	Paper Presented	6th International and 8th Indian Psychological	National Association of Psychological Science, India held at Panjab	International (Within Country)

				I Science Congress	University, Chandigarh	
		New Trend in Start-Up: Fractional Leadership	Paper Presented	One Day Online International Conference on “Current Trends, Policies and Issues in the field of Commerce, Management , Economics, Law and Social Sciences”	Shurparaka Educational & Medical Trust’s M.B.Harris College Of Arts & A.E.Kalsekar College Of Commerce & Management, Maharashtra & Parul University	International (Within Country)
<b>Statistics</b>	Dr. Satish Kumar	Reliability Evaluation of Series-Parallel and Parallel-Series System	Paper Presented	Conference	Utkal University, Odisha & Indian Society for Probability and Statistics(ISPS)	International (Abroad)
		Reliability Measures of a Non Series-Parallel System: An Overview	Paper Presented	Seminar	Maharshi Dayanand University, Rohtak	National
<b>Library</b>	Dr. Projes Roy	Application of NFC BluetoothLow Energy in Library andInformation Center	Invited Lecture	Seminar	Webinar conducted by Library Resource Centre (Library) , Ansal	International (within country)

					University, Sector -55, Golf Course Road, Gurugram, Haryana.	
		RFID Hardware Implementation with Middleware	Invited Lecture	Seminar	RFID Workshop- Knowledge Series' at Department of Library and Information Sciences, Panjab University, Chandigarh	State/Universi ty
		Application of RFID, NFC and Ibecon in Academic Library	Resource Person	FDP	National Navodaya Leadership Institute, Noida	National
		Information Retrieval; : Retrospection	Invited Lecture	Conference	International Conference on Digital Landscape Digital Transformation for an Agile Environment, ICDL 2019	International (within country)
		New Technology for Library House keeping	Resource Person	FDP	Library Staff Development	State/Universi ty

		Operation			Program at Jaypee Institute of Information Technology, Noida	
		Implementation Challenges of RFID Technology & LMS Integration	Invited Lecture	Seminar	One day Workshop on Implementation Challenges of RFID Technology & LMS Integration at JSS Academy of Technical Education, C-20/1, Sector-62, Noida	National

\*Seminar/FDP/Conference

\*\* Level: International (Abroad)/ International (within country)/ National/ State/University.