



Annual Report 2019 - 20

(Lockdown Period)



Shaheed Rajguru College of Applied Sciences for Women
University of Delhi

- Attended online workshop on "Moodle Learning Management System" held on 8th – 12th June 2020.
- Attended Faculty Development Program on "Challenges and Opportunities for Higher education in India for the 21st century" by MHRD and IQAC, Hindu College University of Delhi held on 8th May 2020.
- Attended Faculty Development Program on "Towards Excellence in Higher education in India for the 21st century: Challenges and Opportunities" by MHRD and IQAC, Hindu College University of Delhi held on 1st May 2020.
- Attended Faculty Development Program on "e Content Development methodology: Four Quadrant model, OERs and copyright issues" by MHRD and IQAC, Hindu College University of Delhi held on 15th May 2020.
- Attended Faculty Development Program on "Challenges and Opportunities before Indian Higher education due to Covid – 19" by MHRD and IQAC, Khalsa College University of Delhi held on 2nd May 2020.

Dr. Bhawana Sharma (Assistant Professor)

- Member of organizing committee for Online webinar on "Embracing Traditional Knowledge: Indian Vedic Immuno-boosting Practices" by Prof. Balram Singh, Director at Institute of Advanced Sciences held on 20th April 2020.
- Member of organizing committee for online webinar on "Scientific Approach for solving societal problems" by Prof. Alok Bhattacharya, Head of Department of Biology, Ashoka University held on 15th May 2020.
- Member of organizing committee for online webinar on "Yoga for healthy body & mind" by Mr. Ram Sahu, Yoga instructor at Isha Foundation held on 18th May 2020.
- Member of organizing committee for online webinar on "Basic Scientific Research and its Societal Relevance" by Prof. J.K. Roy, Head of Department of Zoology, BHU held on 18th May 2020.
- Attended online workshop on "Moodle Learning Management System" held on 8th – 12th June 2020.

Dr. Mohita Bhagat (Assistant Professor)

- Member of organizing committee for Online webinar on "Embracing Traditional Knowledge: Indian Vedic Immuno boosting Practices" by Prof. Balram Singh, Director at Institute of Advanced Sciences held on 20th April 2020.

- Attended online National Webinar on “ICT enabled Higher Education in India: Challenges and Opportunities” held on 17th April 2020.
- Member of organizing committee for online webinar on “Scientific Approach for solving societal problems” by Prof. Alok Bhattacharya, Head of Department of Biology, Ashoka University held on 15th May 2020.
- Member of organizing committee for online webinar on “Yoga for healthy body & mind” by Mr. Ram Sahu, Yoga instructor at Isha Foundation held on 18th May 2020.
- Member of organizing committee for Online webinar on “Basic Scientific research and its societal relevance” by Prof. J.K. Roy, Head of Department of Zoology, BHU held on 18th May 2020.
- Attended online workshop on “Moodle Learning Management System” held on 8th – 12th June 2020.
- Participated in webinar on “Security in Digital World” held at 8th May 2020.
- Participated in Webinar series organized by Dept. of Microbiology, SRCASW on 8th June 2020.
- Participated in Webinar on Research Methodology: An Overview”, organized by ARSD College, University of Delhi on 12th May 2020.

Dr. Tarun Kumar (Assistant Professor)

- Member of organizing committee for Online webinar on “Embracing Traditional Knowledge: Indian Vedic Immuno boosting Practices” by Prof. Balram Singh, Director at Institute of Advanced Sciences held on 20th April 2020.
- Member of organizing committee for online webinar on “Scientific Approach for solving societal problems” by Prof. Alok Bhattacharya, Head of Department of Biology, Ashoka University held on 15th May 2020.
- Member of organizing committee for online webinar on “Yoga for healthy body & mind” by Mr. Ram Sahu, Yoga instructor at Isha Foundation held on 18th May 2020.
- Member of organizing committee for online webinar on “Basic Scientific research and its societal relevance” by Prof. J.K. Roy, Head of Department of Zoology, BHU held on 18th May 2020.

Dr. V. A. Pratyusha (Assistant Professor)

- Member of organizing committee for Online webinar on “Embracing Traditional Knowledge: Indian Vedic Immuno boosting Practices” by Prof. Balram Singh, Director at Institute of Advanced Sciences held on 20th April 2020.

- Member of organizing committee for online webinar on “Scientific Approach for solving societal problems” by Prof. Alok Bhattacharya, Head of Department of Biology, Ashoka University held on 15th May 2020.
- Member of organizing committee for online webinar on “Yoga for healthy body & mind” by Mr. Ram Sahu, Yoga instructor at Isha Foundation held on 18th May 2020.
- Member of organizing committee for Online webinar on “Basic Scientific research and its societal relevance” by Prof. J.K. Roy, Head of Department of Zoology, BHU held on 18th May 2020.
- **Attended online workshop on “Moodle Learning Management System” held on 8th – 12th June 2020.**

Dr. Alok Kumar Singh (Assistant Professor)

- Member of organizing committee for Online webinar on “Embracing Traditional Knowledge: Indian Vedic Immuno-boosting Practices” by Prof. Balram Singh, Director at Institute of Advanced Sciences held on 20th April 2020.
- Member of organizing committee for online webinar on “Scientific Approach for solving societal problems” by Prof. Alok Bhattacharya, Head of Department of Biology, Ashoka University held on 15th May 2020.
- Member of organizing committee for online webinar on “Yoga for healthy body & mind” by Mr. Ram Sahu, Yoga instructor at Isha Foundation held on 18th May 2020.
- Member of organizing committee for Online webinar on “Basic Scientific research and its societal relevance” by Prof. J.K. Roy, Head of Department of Zoology, BHU held on 18th May 2020.

Department of Biomedical Science

Dr. Radhika Bakhshi (Teacher In – charge, Assistant Professor)

- **Attended an online Workshop on “MOODLE: Learning Management System”, organized by Department of Electronics, SRCASW from 8th – 12th June 2020.**

Dr. Shruti Banswal (Assistant Professor)

- Attended webinar on Covid awareness organized by Department of Microbiology, Shaheed Rajguru College of Applied Sciences, held on 26th April 2020.

Dr. Mohd. Saquib Ansari (Assistant Professor)

- Attended an International Webinar on Role of Host Immune System in Development of COVID – 19, organized by Department of Biomedical Science, Bundelkhand University held on 11th May 2020.
- Attended a webinar on Security in the Digital World, organized by Department of Microbiology, Rajguru College, held on 8th May 2020.
- Scientific Approach for solving Societal Problems, organized by Department of Biochemistry, Rajguru College, held on 15th May 2020
- A five day workshop on Moodle: Learning Management System, organized by Department of Electronics and Department of English, Rajguru College from 8th – 12th June 2020.
- Risk of Fake News in the Digital Era: Ways to Combat, organized by Ansal University, held on 13th June 2020.

Dr. Indu Arora (Assistant Professor)

- Attended a five – day webinar series “Quality Assurance in Higher Education : Practices And Issues” organized jointly with IQAC, Hansraj College under PARAMARSH, a UGC scheme for mentoring NAAC accreditation aspirant institutions to promote quality assurance in higher education, from 4th – 8th May 2020.
- Participated in one week online National Faculty Development Program on “Research Methodology: tools and techniques:” under Pandit Madan Mohan Malviya National mission on Teachers and Teaching scheme of MHRD organized by ARSD college from 5th – 11th June 2020.

Dr. Manisha Khatri (Assistant Professor)

- Participated in the Faculty Development Program: National Webinar entitled " ICT enabled Higher Education in India: Challenges and Opportunities" Organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD, held on 17th April 2020.

Department of Chemistry

Dr. Jasjeet Kaur (Teacher In – charge, Associate Professor)

- Published a research paper entitled, “Forensic Investigation of Arson: A Review”, Indian Police Journal, 67(1), 2020, 49 – 54.

- Attended a National Webinar on Preventative healthcare diagnostic platforms based on Micro – Nanotechnologies, organized by Department of Science, Lady Irwin College, University of Delhi held on 30th May 2020.
- Attended a Webinar on Moodle – Open Source Learning Platform, organized by Vigyan Pharmacy College, Vadlmudi, Guntur (DT) in collaboration with Indian Pharmaceutical Association held on 2nd June 2020.
- Attended a BCAS Silver Jubilee International Webinar Series on Technological Trends for the next Generation, organized by Department of Electronics, Bhaskaracharya College of Applied Sciences, University of Delhi held from 1st – 5th June 2020.
- Attended a National Webinar on Our Environment and COVID- 19, organized by Eco Club “Paritantra”, Acharya Narendra Dev College, University of Delhi held on 5th June 2020.
- Attended a Webinar on Cyber Security, organized by IGNOU – PSC – 0771 in collaboration with Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held on 7th June 2020.
- Completed One Professional Development Hour by attending a Webinar on Endofullerenes: Nanoscale test tubes for single molecules and atoms, organized by The National Academy of Sciences, India (NASI) – Delhi Chapter & MHRD – Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter, University of Delhi held on 8th June 2020.
- Participated in a workshop on MOODLE: Learning Management System, organized by Department of Electronics and Department of English, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held from 8th – 12th June 2020.
- Attended Faculty Development Programme: National Webinar on Teaching During and Post COVID Times, organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi (under the PMMMNMTT, MHRD) held on 12th June 2020.

Ms. Neha Sagar (Assistant Professor)

- Attended a webinar on Rise of fake news in the Digital era: Ways to combat, organized by Library resource center of Ansal University on 13th June 2020.
- Participated in a five – day online Workshop on Moodle: Learning Management System organized by the Department of Electronics and Department of English, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held from 8th – 12th June 2020.
- Attended a webinar on “Cyber Security” organized by IGNOU in collaboration with Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held on 7th June 2020.

- Authored a chapter (in-press) titled "Comparison of Meta-heuristic with Evolutionary and Local Search Methods for Feature Selection" in book titled Metaheuristic and Evolutionary Computation: Algorithms and Applications under the series of Studies in Computational Intelligence, Springer.
- Edited a book (in-press) titled "Computational Intelligence Techniques and Their Applications to Software Engineering Problems", ISBN: 9780367529741, CRC Press, Pages 251.
- Participated in the Faculty Development Programme (FDP) on "ICT Enabled Higher Education in India: Challenges and Opportunities" organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi on 15th April 2020.
- Organized a webinar on "The Internet of Things (IoT) Applications in Smart Agriculture" on 24th April 2020. The Speaker of the webinar was Dr. Anuradha Chug, Assistant Professor at USCIT, GGSIPU.
- Participated in Webinar on "Covid – 19 Impact, Strategies for Education and Challenges in Virtual Learning" organized by the Department of Computer Science, Sri Guru Gobind Singh College of Commerce, University of Delhi on 12th May 2020.
- Participated in Online Lecture/Training on "Predictive Modeling using Machine Learning Techniques" organized by Delhi Technological University (DTU) on 29th May 2020.
- Participated in International Webinar on "Artificial Intelligence and Machine Learning" organized by Jayawant Institute of Management Studies, Pune, Maharashtra, India from 3rd – 5th June 2020.
- Attended a Webinar on "We Are Stronger Together" organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), Delhi on 6th June 2020.
- Participated in Webinar on "Healthcare and Wellness" organized by the Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi on 8th June 2020.
- Completed a Five day Online Workshop on "Moodle: Learning Management System" organized by the Department of Electronics and Department of English, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi from 8th – 12th June 2020.
- Attended a Webinar on "Research in Digital Age – Problems and Opportunities" organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), Delhi on 12th June 2020.

Ms. Anshika Singh (Assistant Professor)

- Attended two weeks Faculty Development Programme on "Managing Online Classes and Co-creating Moocs 2.0" from 18th May – 3rd June 2020 sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching organized by Ramanujan College, University of Delhi.
- Attended BCAS Silver Jubilee International Webinar Series on "Technological Trends for the next Generation" organized by Department of Electronics, Bhaskaracharya College of Applied Sciences, Dwarka from 1st – 5th June 2020.

Ms. Monika (Assistant Professor)

- Presented the paper entitled "Cardiovascular Disease Classification Using Different Algorithms" in Springer 4th International Conference on Inventive Communication and Computational Technologies (ICICCT – 2020) on 28th – 29th May 2020 organized by Gnanamani College of Technology, Namakkal, Tamil Nadu, India. (Scopus Indexed)
- Attended Webinar/Online training/Lecture on "Predictive Modeling using Machine learning Techniques" held on 29th May 2020 organized by the Centre for Extension and Field Outreach, Delhi Technological University, Delhi.
- Attended Webinar/Online training/Lecture on "Landslide Mitigation using Flexible Solutions in Himalayan Terrain, held on 30th May 2020 organized by the Centre for Extension and Field Outreach, Delhi Technological University, Delhi.
- Attended Webinar/Online training/Lecture on "Atmospheric Disaster and Covid – 19" held on 9th June 2020 organized by the Centre for Extension and Field Outreach, Delhi Technological University, Delhi.
- Attended Webinar/Online training/Lecture on "Prospects of Nanomaterials Modified Conducting Paper Based Biosensor for Cancer Detection" held on 12th June 2020 organized by the Centre for Extension and Field Outreach, Delhi Technological University, Delhi.

Department of Electronics

Ms. Venika Gupta (Teacher In – charge, Assistant Professor)

- Participated in the Faculty Development Programme: National webinar entitled 'ICT Enabled Higher Education in India: Challenges and Opportunities' organized by Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College under the Pandit Madan Mohan Malaviya National Mission Teachers and Teaching held on 9th April 2020.

- Attended a Webinar – 02: ICT Enabled Higher Education in India: Challenges and Opportunities held by Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, University of Delhi on 9th April 2020.
- Attended a five – day workshop on Moodle Learning Management System from 8th – 12th June 2020 organised by Shaheed Rajguru College of Applied Sciences for Women.

Ms. Sonia Ahlawat (Assistant Professor)

- Attended a five – day workshop on Moodle Learning Management System from 8th – 12th June 2020, organised by Shaheed Rajguru College of Applied Sciences for Women.
- Attended an International webinar series "Technological Trends for the Next Generation" being organized by the Department of Electronics, Bhaskaracharya College of Applied Sciences, University of Delhi from 1st – 5th June 2020.

Dr. Neha Katyal (Assistant Professor)

- Attended a webinar on Virtual Symposium on Emerging Areas of Photonics on 16th May 2020 organised by NASI Delhi chapter, to celebrate International Day of Light.

Ms. Surbhi Aggarwal (Assistant Professor)

- Attended a five – day workshop on Moodle Learning Management System from 8th – 12th June 2020 organised by Shaheed Rajguru College of Applied Sciences for Women.

Mr. Deepak Jaiswal (Assistant Professor)

- Attended a five – day workshop on Moodle Learning Management System from 8th – 12th June 2020, organised by Shaheed Rajguru College of Applied Sciences for Women.

Mr. Basant Saini (Assistant Professor)

- Attended an International webinar series "Technological Trends for the Next Generation" being organized by the Department of Electronics, Bhaskaracharya College of Applied Sciences, University of Delhi from 1st – 5th June 2020.
- Attended a five – day workshop on Moodle Learning Management System from 8th – 12th June 2020, organised by Shaheed Rajguru College of Applied Sciences for Women.

- Attended a webinar on Virtual Symposium on Emerging Areas of Photonics to Celebrate International Day of Light held on 16th May 2020 organised by The National Academy of Sciences India (NASI) – Delhi Chapter.

Department of English

Mr. Rituraj Anand (Assistant Professor)

- Attended online Workshop on E-content Development and Online Pedagogy on the theme “ICT Tools for Online Teaching” organized by CPDHE (UGC – HRDC), University of Delhi, from 23rd – 29th May 2020.
- Participated in the One Week Online Faculty Development Programme on “Research Methodology : Tools & Techniques” under Pandit Madan Mohan Malviya National Mission on Teachers and Training Scheme of MHRD, Govt. of India held from 5th – 11th June 2020 at ARSD College, University of Delhi.
- Organised a five – day online workshop on Moodle: Learning Management System under the aegis of IQAC, SRCASW as a Co – coordinator from 8th – 12th June 2020.

Mr. Piyush B. Choudhary (Assistant Professor)

- Attended a five – day online workshop on Moodle: Learning Management System, under the aegis of IQAC, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, from 8th – 12th June 2020.

Department of Environmental Studies

Dr. Prachi Singh (Assistant Professor)

- Coordinator of Inter and Intra college competition of different activities, held from 10th April – 10th May 2020, organized by SRCASW.
- Coordinator of a talk by Mr. Vijay Dhasmana, on World Environment Day, held on 5th June 2020, SRCASW.
- Participated in Cokatoon: A platform for the Green talks, An online week talk. Ecosociety HarithKram/National, NGO, Harithkram

- Participated in Faculty Development Program National Webinar entitled " e – Content development methodology: Four quadrant model, OERs and copyright issues" 15th – 16th May 2020 organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, under MHRD.
- Attended 2 – day online training on "Implementing Hazard Analysis and Critical Control Point in Food Industry" 19th – 20th May 2020 Conducted by CII – FACE.
- Attended Two weeks faculty development programme on "Managing online classes and co-creating MOOCS:2.0" from 18th May – 3rd June 2020 conducted by Teaching learning centre, Ramanujan College, University of Delhi. Sponsored by Ministry of human resource development, Pandit Madan Mohan Malviya National mission on teachers and teaching.
- Attended one – week faculty development programme on "open source tools for research" held from 8th – 14th June 2020 conducted by: Teaching learning centre, Ramanujan College, University of Delhi Sponsored by Ministry of human resource development, Pandit Madan Mohan Malviya National mission on teachers and teaching.
- Published a paper on" Microencapsulation of food flavours" by Rhythm Bharadwaj, Sakshi Verma, Saumya Chaturvedi. Journal of emerging technologies and innovative research volume 7, issue 5, May, 2020.
- Published book chapter "Optimization of process parameters for osmotic dehydration of apple slices in book entitled Emerging Technologies" in Food Science published by Springer.
- Published book chapter "Exploitation of Unmarketable Potatoes for the preparation of Instant Custard powder with different flavors and their sensory evaluation" in book entitled Emerging Technologies in Food Science published by Springer.

Ms. Vandana (Assistant Professor)

- Attended two – days online training on "Implementing Hazard Analysis and Critical Control Point in Food Industry" 19th – 20th May 2020 Conducted by CII – FACE.
- Published book chapter" Street Foods: Safety and Potential" in book entitled Emerging Technologies in Food Science published by Springer.
- Published book chapter" Traditional Foods: The Inheritance for Good Health" in book entitled Emerging Technologies in Food Science published by Springer.
- Participated in webinar organized by Shayama Prasad Mukherji College for Women on "Psychology of Food Choices, Food Purchase and Eating Behavior" held on 27th April 2020.

- Completed two weeks Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCs: 2.0” from 18th May – 3rd June 2020 organized by TLC, Ramanujan College (DU) sponsored by MHRD.

Dr. Jyoti Nishad (Assistant Professor)

- Completed two – day online training on “Implementing Hazard Analysis & Critical Control Point in Food Industry” from 19th – 20th May 2020 conducted by Confederation of Indian Industry (CII).
- Published paper on “Ultrasound – assisted development of stable grapefruit peel polyphenolic nano emulsion: Optimization and application in improving oxidative stability of mustard oil”. Nishad, J., Dutta, A., Saha, S., Rudra, S. G., Varghese, E., Sharma, R. R., & Kaur, C. (2020). Food Chemistry 127561.

Department of Instrumentation

Dr. Sneha Kabra (Teacher In – charge, Assistant Professor, Sr. Scale)

- Neha Garg, Yogesh Pratap, Mridula Gupta and Sneha Kabra, "Reliability Assessment of GaAs/Al₂O₃ Junctionless FinFET in the Presence of Interfacial Layer Defects and Radiations," in IEEE Transactions on Device and Materials Reliability, vol. 20, no. 2, pp. 452-458, June 2020.

Dr. Daya Bhardwaj (Assistant Professor, Sr. Scale)

- Organized National Webinar titled “Role of technocrats in healthcare emergencies like Covid – 19” on 20th April 2020 at 3 p.m. IST via Cisco WebEx application.
- Organized an online alumni interaction session titled “Exploring the future endeavors in the field of environmental studies” on 2nd May 2020 via GoToMeeting application.
- Undergoing an inhouse project “An innovative approach to assess psychological impact of the COVID – 19 pandemic on college/university students in India”.
- Participated in “National Webinar on ICT enabled higher education in India: Challenges and opportunities” Organized by Guru Angad Dev Teaching Learning Center, Khalsa College on 15th April 2020.

Ms. Himani Dua Sehgal (Assistant Professor)

- Published paper in "Aesthetics in Stock Investments: the Mediating Role of Investor's Attitude towards Investor Relation Websites, Test Engineering and Management (Scopus indexed), May – June 2020, ISSN: 0193 – 4120 Page No. 11595 – 11611

Department of Mathematics

Dr. Shalu Sharma (Assistant Professor)

- Attended one day online workshop on "ICT Based Teaching Learning Tools" held on 31st May 2020, By Odd Partikle and Inquire Hub, registered under the Ministry of MSME, Govt. of India.
- Attended a Webinar on "Smart Skills for online Teaching" held on 23rd May, 2020 by Ansal University, Gurgaon.
- Attended a National Webinar on "Domestic Violence during Lockdown of workforce – Concerns, Issues and Legal Remedies" held on 22nd May 2020, by the Commerce Department of Kamala Nehru College, University of Delhi.
- Attended Five days Online Faculty Development Program on "Learning, Pedagogy and effective use of case Methodology" held from 17th – 21st May 2020, by ASMA and ASM group of Institutes.

Dr. Amita Sethi (Assistant Professor)

- Attended Webinar entitled "An Insight into Online Teaching-Learning and the Journey of Zero" conducted by Department of Mathematics, Vivekananda College, University of Delhi held on 18th May 2020.

Dr. Shivam Kumar Singh (Assistant Professor)

- Attended Webinar entitled "An Insight into Online Teaching-Learning and the Journey of Zero" conducted by Department of Mathematics, Vivekananda College, University of Delhi on 18th May, 2020.
- Attended Webinar on "Values of Life" organized by NSS Unit, Shivaji College, University of Delhi held on 20th May 2020.
- Attended Webinar on "Brain Training with Maths Exercise" organized by Department of Mathematics, Bharati College, University of Delhi on 24th May 2020.
- Attended Webinar held on the theme Healthcare and Wellness organized by Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi on 8th June, 2020.

- Successfully completed a Five Day Online Workshop on "Moodle: Learning Management System" organized by the Department of Electronics and Department of English, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held from 8th – 12th June 2020.
- Participated in online COVID – 19 Awareness Quiz organized by Department of Physics, Hemwati Nanadan Bahuguna Government P.G. College, Naini, Prayagraj.

Dr. Raksha Verma (Assistant Professor)

- Attended one week FDP entitled "Badalta Bhartiya Paridrishya :Sahitya, sanskriti, sanchar Aur Manovigyan" by TLC center, Ramanujan College, University of Delhi held from 22nd – 28th May 2020.
- Attended a national webinar entitled " Enable higher education in India: Challenges and Opportunities" by GADTLC, Khalsa College, DU held on 15th April 2020.
- Attended a Webinar entitled "Healthy Mindset for a Better Tomorrow" by Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, DU held on 24th April 2020.
- Attended a webinar entitled "Internet of things (IoT) Applications in Smart Agriculture: Issues, Challenges and Solutions" by Department of Computer Science, Shaheed Rajguru College of Applied Sciences for Women held on 24th April 2020.
- Attended a national webinar entitled "Roles of Teachers in Technology driven Higher Education"" by GADTLC, Khalsa College held on 25th April 2020.
- Attended a national webinar entitled "Online Teaching and Learning Technology" by ARSD College, DU held on 27th April 2020.
- Attended a national webinar entitled "Towards Excellence in Higher Education in India" in the 21st Century: Challenges and Opportunities" by GADTLC, Khalsa College held on 29th April 2020.
- Attended a national webinar entitled "Challenges & Opportunities before Indian Higher education due to Covid – 19" by Prof. Ved Prakash" by GADTLC, Khalsa College held on 2nd May 2020.
- Attended a national webinar entitled" Media aur Anuvad: Vartman Paridarshaya" by Ramanujan College, DU, on 4th May 2020.
- Attended a national webinar entitled "Understanding the Coronavirus: Some Good News" by Kalindi College held on 5th May 2020.
- Attended a Webinar entitled. "Revival of Economy Post COVID – 19" by Department of Management, Shaheed Rajguru College of Applied Sciences for Women held on 5th May 2020.

- Reviewed the manuscript: Roles of cell wall associated kinase in plant development and defense associated responses. Indian Phytopathology, IPPJ-D-20-00070R1.

Dr. Richa Sharma (Assistant Professor)

- Participated in a Faculty Development Program on 'ICT Enabled Higher Education in India: Challenges and Opportunities' held on 15th April 2020 at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.
- Organizing Secretary of Covid – 19: Lessons learnt and road ahead held on 17th April 2020 at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in webinar on Healthy mindset for better tomorrow held on 24th April 2020 at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a National level Faculty Development Program on 'Challenges and Opportunities before Indian Higher Education due to Covid – 19' held on 2nd May 2020 at Guru Angad Dev Teaching Learning Center, SGTB Khalsa College, University of Delhi.
- Participated in a webinar series on Security in the Digital World, Health care and Wellness and Ancient Indian naming Systems held on 8th May 2020, 11th May 2020 and 14th May 2020 respectively at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a National Webinar on Next Generation Sequencing & Metagenome Analysis held from 15th – 16th May 2020 at Ram Lal Anand College, University of Delhi.
- Participated in a five – days National Level Workshop on Moodle: Learning Management System from 8th – 12th June 2020 organized by Department of Electronics, Shaheed Rajguru College of Applied Sciences for Women.

Dr. Kohinoor Kaur (Assistant Professor)

- Organizing Secretary of a National Webinar on Covid – 19: Lessons learnt and road ahead held on 17th April 2020 at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a National Webinar on Re – engineering Higher Education: A Seamless Knowledge Management System for the University held on 22nd April 2020 at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.
- Participated in an International Webinar on Healthy mindset for better tomorrow held on 24th April 2020 at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a Faculty Development Program on 'ICT enabled Higher Education in India: Challenges and Opportunities' held on 25th April 2020 at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.

- Participated in a National Webinar towards Excellence in Higher Education in India in the 21st century: Challenges and Opportunities held on 29th April at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.
- Participated in a National Webinar on Challenges and Opportunities before Indian Higher Education due to COVID – 19 held on 2nd May 2020 at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.
- Participated in a webinar series on Security in the Digital World, Health care and Wellness and Ancient Indian naming Systems held on 8th May 2020, 11th May 2020 and 14th May 2020 respectively at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a National Webinar on e – content Development Methodology: Four quadrant models, OERs and Copyright issues held on 15th May 2020 at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.
- Participated in a National Webinar on Next Generation Sequencing & Metagenome Analysis from 15th – 16th May 2020 at Department of Microbiology, Ram Lal Anand College, University of Delhi.
- Participated in a National Webinar on Intellectual Property Rights – A Kaleidoscope of Opportunity held on 23rd May 2020 at Department of Microbiology, Gargi College, University of Delhi.
- Participated in a National Webinar on Cyber Security held on 7th June 2020 at IGNOU – PSC – 0771 in collaboration with Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a five – days National Level Workshop on Moodle: Learning Management System from 8th – 12th June 2020 organized by Department of Electronics, Shaheed Rajguru College of Applied Sciences for Women.

Dr. Nitin Chauhan (Assistant Professor)

- Participated in a National Webinar on Covid – 19: Lessons learnt and road ahead held on 17th April 2020 at Shaheed Rajguru College of Applied Sciences for Women.
- Organizing Secretary of a webinar on Healthy mindset for better tomorrow held on 24th April 2020 at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a webinar series on Security in the Digital World, Health care and Wellness and Ancient Indian naming Systems held on 8th May 2020, 11th May 2020 and 14th May 2020 respectively at Shaheed Rajguru College of Applied Sciences for Women.
- Participated in a webinar on Rog me Yog held on 16th May 2020 at Bhaskaracharya College of Applied Sciences, University of Delhi.

- Participated in webinar on topic “Higher Education in India after COVID – 19” organized by ARSD College held on 7th May 2020.
- Participated in a webinar on material Science, Technology & Society organised by Jawahar Lal Nehru University on 8th – 9th May 2020.
- Participated in a webinar on “What is Light: Evolution of Quantum Theory” organised by Department of Physics, Kalindi College held on 12th May 2020.
- Participated in a webinar on Science, Society and Exponential Change: Reimagining the Future organised by Department of Physics, Kalindi College held on 13th May 2020.
- Participated in a National Webinar on “An Introduction to Measurement of Light” organized by Department of Physics, Kalindi College held on 13th May 2020.
- Participated in a National Webinar on Emerging out a Winner in Lockdown” organised by Department of Physics, Kalindi College held on 14th May 2020.
- Participated in webinar on topic “E – content: Design and Delivery” organized by ARSD College, Dhaula Kuan held on 15th May 2020.
- Participated in a virtual Symposium on Emerging Areas of Photonics to celebrate International Day of Light organized by The National Academy of Sciences India (NSAI) – Delhi Chapter and The Optical Society of India held on 16th May 2020.
- Participated in online one week Faculty Development Program on Recent Advances in Science & Technology organised by RPS Group Institutions held from 21st – 27th May 2020.
- Completed one Professional Development Hour by attending distinguished lecture on Engineering Solutions for Point – of – Care & Early Diagnostics organized by MHRD – Institution Innovation Council (IIC) and Deen Dayal Upadhyaya College Chapter held on 30th May 2020.
- Participated in webinar on “Art and Science of Mentoring” organised by Physics Department, Daulat Ram College, on 1st June 2020.
- Completed one Professional Development Hour by attending distinguished lecture on FOSS TCAD/EDA tools for Compact/SPICE Modelling organized by IEEE Electron Device Society (EDS) Delhi Chapter – India and Department of Electronic Science held on 3rd June 2020.
- Completed one Professional Development Hour by attending distinguished lecture on Endofullerenes: Nano – scale test tubes for single molecules and atoms organized by MHRD – Institution Innovation Council (IIC) and Deen Dayal Upadhyaya College Chapter held on 8th June 2020.

- Participated in a two – day webinar on Nanoscience & Nanotechnology in the Present Scenario organized by Jawahar Lal Nehru Unoversity on 9th – 10th June 2020.
- Participated in the 1st e – learning workshop on Design, Developmet & Delivery of Online Course organized by Jawahar Lal Nehru University on 11th – 12th June 2020.
- Participated in the third JNU workshop for Empowering Teaching through Online Mode (JNU – WETOM III) on Theme ‘Online Assessment and Evaluation’ held on 13th – 14th June 2020.
- Participated in three – days online workshop on “The Digital Turn in Education: A New Pattern in Teaching – Leraning Practices” organized by ARSD College, University of Delhi, Dhaulakuan, New Delhi from 20th – 22nd June 2020.

Dr. Manoj Kumar Jaiswal (Assistant Professor)

- Participated in a webinar on “Online Teaching and Learning Technology” organized by ARSD College, Dhaula kuan, University of Delhi, New Delhi held on 27th April 2020.
- Participated in a webinar on Material Science. Technology and Society (MSTS – 2020) organized by Jawaharlal Nehru University, New Delhi held on 8th – 9th May 2020.
- Participated in Science E – Talks Online Conclave, Faculty of Basic and Applied Sciences, Vivekananda Global University Jaipur held from 12th – 17th May 2020.
- Participated in a National Webinar on “Preventative healthcare diagnostic platforms based on Micro-Nanotechnologies”, organaised by Department of Science, Lady Irwin College, University of Delhi, New Delhi held on 30th May 2020.
- Participated in a webinar on "Strategies for Global Challenges", Department of Applied Sciences, FET, Manav Rachna International Institute of Research and Studies, Faridabad held on 13th June 2020.

Mr. Ginminlen Thouthang (Assistant Professor)

- Participated in a five day online Workshop on “Moodle: learning management system”: The workshop is about creating and developing online courses and delivers the same online through Moodle Platform organized by Department of Electronics, Shaheed Rajguru College of Applied Sciences for Women held from 8th – 12th June 2020.
- Participated in an International webinar on “Origin of Universe: Scientific and Vedic Perspectives”: The talk expounds on the analysis as well as comparison between the Scientific and Vedic Perspectives on the origin of the universe held on 12th June 2020.

Dr. Rashmi Verma (Assistant Professor)

- Participated in a one day International Webinar on Optical Sources and their Applications organized by "QUBIT" the Physics Society, Bhaskaracharya College of Applied Sciences, University of Delhi held on 28th May 2020.
- Participated in a Five Days International Webinar Series on Technological Trends for the Next Generation organized by Department of Electronics, Bhaskaracharya College of Applied Sciences, University of Delhi held from 1st – 5th June 2020.
- Participated in a one day webinar on Art and Science of Mentoring organized by Physics Department, Daulat Ram College, University of Delhi held on 1st June 2020.
- Participated in a Eight Days National Webinar Series on Experimental and Computational Tools for Materials Research (ECTMR 2020) organized by Discipline of Natural Science, PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur and Department of Physics, Central University of Rajasthan held from 1st – 8th June 2020.
- Participated in a five days Online Workshop on Moodle: Learning Management System organized by Department of Electronics and Department of English, SRCASW, University of Delhi held from 8th – 12th June 2020.

Mr. Amit Kumar (Assistant Professor)

- Participated in the Faculty Development Programme: National Webinar entitled "ICT Enabled Higher Education in India: Challenges and Opportunities" held on 15th April 2020.
- Attended webinar on "Understanding the Corona Virus: Some Good News" held on 5th May 2020.
- Participated in Webinar held on "Security in the Digital World" held on 8th May 2020.
- Attended webinar on Material Science, Technology & Society held on 8th – 9th May 2020.
- Participated in National Webinar on "An Introduction to Measurement of Light" held on 13th May 2020.
- Participated in Webinar series, Session 1: Scientific Approach for Solving Societal Problems held on 15th May 2020.
- Participated in AAJ Webinar Series @JNU on Self – Reliant India: Aspirations & Opportunities held on 24th May 2020.
- Participated in Indraprastha webinar series on Role of Science, Technology and Innovation in the Current Scenario held from 26th – 29th May 2020.
- Participated in the National Webinar on "Preventive healthcare diagnostic platforms based on Micro-Nanotechnologies" held on 30th May 2020.

- Participated in the webinar on “Cyber Security” organized by IGNOU-PSC-771 in Collaboration with Shaheed Rajguru College of Applied Sciences for Women, Delhi University (India) held on 7th June 2020.

Mr. Ganesh Gurjar (Assistant Professor)

- Participated in a webinar on “Higher Education in India after COVID – 19” organized by ARSD College (D.U) New Delhi held on 7th May 2020.
- Participated in AAJ Webinar “Self – Reliant India: Aspirations & Opputunities” @ JNU New Delhi held on 24th May 2020.
- Participated in a webinar on “Preventative healthcare diagnostic platforms based on Micro – Nanotechnologies” organized by Lady Irwin College New Delhi held on 30th May 2020.
- Participated in a webinar on Cyber Security organized by IGNOU in collaboration with SRCASW held on 7th June 2020.
- Participated in a webinar on “Ancient Indian Naming Systems” organized by SRCASW, held on 8th June 2020.
- Participated in a webinar on “Arts and Science of Mentoring” organized by Daulat Ram College, New Delhi held on 1st June 2020.
- Participated in a webinar on “Nanostructured Materials for Controlling the flow of light” organized by SRI YN College, Andhra Pradesh held on 5th June 2020.
- Participated in a webinar on “Material Science, Technology & Society” organized by JNU, New Delhi held on 8th – 9th May 2020.
- Participated in a webinar on “Nanoscience and Nanotechnology in the present scenario” organized by JNU, New Delhi held on 9th – 10th June 2020.

Dr. Kishan Das (Assistant Professor)

- Participated in a National Webinar entitled “ICT Enabled Higher Education in India: Challenges and Opportunities” organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD held on 15th April 2020.
- Participated in an IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi held from 28th April – 22nd May 2020.
- Participated in a National Webinar entitled “Challenges & Opportunities before Indian Higher education due to Covid-19” organized by Guru Angad Dev Teaching Learning Centre SGTB

- Successfully completed the program on Expressive Arts Therapy held through online mode from 1st – 3rd June 2020 organized by International Career Coaching Association, CDA, USA
- Participated in Five Day Online Workshop on Moodle: Learning Management System organised by SRCASW, University of Delhi from 8th – 12th June 2020.
- Participated in the Webinar on “महात्मागांधीकीजीवनीशक्तिऔरवर्तमानचुनौतियां” held on 25th April 2020 organized by Sri Aurobindo College (Eve) and Bhaskaracharya College of Applied Sciences.
- Participated in the Webinar on “Revitalising Psychological & Physical Well Being during Lockdown” organised by Department of Commerce, Sri Aurobindo College under the aegis of IQAC on 27th April 2020.
- Webinar on ‘Revisiting Well being’ organized by Bhaskaracharya College of Applied Sciences on 6th May 2020.
- Webinar on ‘Security in the Digital World’ organized by Shaheed Rajguru College of Applied Sciences for Women held on 8th May 2020.
- Participated in a webinar on the topic “Covid-19: Managing Challenges and Exploring Opportunities” held on 9th May 2020, organized by Gargi College, University of Delhi.
- Webinar on ‘Covid-19 outbreak: Psycho – Social Support to the Youth’ organized by Jesus and Mary College on 10th May 2020.
- Participated in One Day National Webinar on “Virtual Classes Tools: Google Classroom, Google Meet and YouTube” held on 11th May, 2020, organized by Gargi College, University of Delhi
- National Webinar on ‘Cyber Crime, Law and Security’ organized by Shivaji College on 12th May 2020
- Webinar on ‘Cyber Security’ organized by Shaheed Rajguru College of Applied Sciences for Women held on 7th June 2020.

Dr. Komal Chandiramani (Assistant Professor)

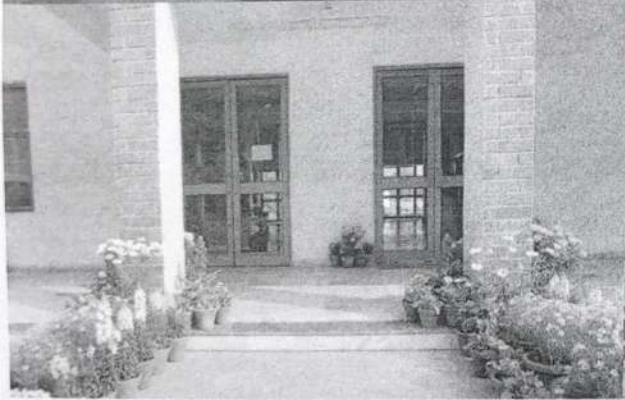
- Completed two weeks Faculty Development Programme on "Managing Online Classes and Co – Creating MOOCS" from 20th April – 6th May 2020 organized by Ramanujan College.
- Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start ups among HEIs from 28th April – 22nd May 2020.
- Participated in a webinar on ‘Revisiting Well Being’ organized by Bhaskaracharya College of Applied Sciences on 6th May 2020.

Activities Organised by various Departments

S.No.	Title	Organising Committee	Held on
1	VYAKHYAN 2020 (First session): Online alumni interaction session on the topic "Exploring the future endeavors in the field of environmental studies" via GoToMeeting application.	Department of Instrumentation	2 nd May 2020
2	Alumnae Meeting (Batch 2017) – Career guidance, future prospects and experience sharing.	Department of Food Technology	3 rd May 2020
3	Alumnae Meeting (Batch 2019) – Mission – Admission: The Road ahead	Department of Food Technology	13 th May 2020
4	Healthful Living Video Challenge: An online competition is organized for maintaining personal hygiene both at home and outside. Where Students showcased their creativity by making a short video clip, demonstrating innovative homemade tips to make masks, hand gloves and sanitizers.	Department of Instrumentation	18 th May 2020
5	2 – Day Certificate Course – Implementing HACCP in food industries by CII – FACE. The Training focused on the need and implementation of HACCP system in any food industries. Trainer – Mr.Sam Johns	Department of Food Technology	19 th – 20 th May 2020
6	Online Yoga Quiz under the aegis of IQAC of Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.	Department of Physical Education & Sports	20 th May 2020
7	VYAKHYAN 2020 (Second session): Online alumni interaction session on the topic "Career Guidance, Future Prospects and Experience Sharing" via Google Meet application.	Department of Instrumentation	23 rd May 2020
8	Five Day Workshop on Moodle: Learning Management System conducted via Google Meet.	Department of Electronics and	8 th – 12 th June 2020



29th Annual Report (2019 - 20)



Shaheed Rajguru College of
Applied Sciences for
Women
University of Delhi
Vasundhara Enclave, Delhi - 110096

Mr. Sumit Kumar (Assistant Professor)

- Attended One Week Short Term Training Program on “Recent Trends in Security and Cryptography” at Delhi Technological University from 18th – 22nd November 2019.

Ms. Tulika Kumari (Assistant Professor)

- Published a research paper titled "Android Based e-Voting Mobile App Using Google Firebase as BaaS" in International Conference on Sustainable Communication Networks and Application, pp. 231 – 241. Springer 2019.

Ms. Neha Gandhi (Assistant Professor)

- Mentored students on Project titled “Central Data Bank” under summer internship program of Department of Computer Science, June – July 2019.
- Attended One Week TEQIP – III sponsored Short-Term Training Program on “Graph Theory and Its Applications” held during 25th – 29th November 2019 organized by the Department of Applied Mathematics, DTU, Delhi.
- Attended workshop on title “Train the Trainers” organized by Department of BioChemistry, SRCASW in association with Students for Holistic Development of Humanity (SHoDH) on 10th February 2020. It was delivered by eminent speaker Prof. Bal Ram Singh, Institute of Advanced Sciences (Dartmouth, USA).
- Organized a session on “CV Building and Interview Skills” on 17th September 2019 for the students of Department of Computer Science and Food Technology. The guest speaker for the session was Dr. Shivani Khurana from the Institute for Integrated Learning in Management (IILM).

Dr. Abha Jain (Assistant Professor)

- Published a research paper titled “Defect Prediction by Analyzing Software Project Reports using Logistic Regression” in Journal of Emerging Technologies and Innovative Research (JETIR), 2019, Vol (6), Issue (6), pp: 162 – 168.
- Published a research paper titled “Application of Boosting, Bagging and Blending to Predict Severity of Security Defects” in International Journal of Latest Trends in Engineering and Technology, 2019, Vol. (14) Issue(1), pp: 16 – 22.

- Presented a research paper titled "Analysis of Sampling Approach to Balance Data for Change Prediction" in International Conference on Computing, Power and Communication Technologies (GUCON), 27th – 28th September 2019, Delhi, India, pp: 294 – 298.
- Published a research paper titled "Parameter Tuning of a Sampling Technique for Change Prediction" in International Journal of Engineering and Advanced Technology (IJEAT), 2019, Vol (8), Issue (6S3), pp: 1718 – 1722.
- Mentored Student Summer Internship Project titled "Central Data Bank".
- Participated in two days Faculty Development Program (FDP) on "Emotional Intelligence" conducted by ICT Academy on 1st – 2nd April 2019 at Acharya Narendra Dev College, New Delhi.
- Attended **One Week Short Term Training Program (STTP) on 'Graph Theory and Its Applications'** at Delhi Technological University from 25th – 29th November 2019.
- Organized a Technical Talk on "Intellectual Property Rights: A kaleidoscope of Opportunities" on 2nd August 2019 for the students of the Department of Computer Science. Talk was delivered by eminent speaker Dr. Chitra Arvind, advocate and partner, LEX IP CARE.
- Organized an awareness talk on "Violence against Women: Interpersonal and Digital Interface with Special Emphasis on Delhi Victim Compensation Scheme" on 22nd January 2020. Talk was delivered by Sh.Pawan Kumar, Secretary, DLSA East.

Ms. Anshika Singh (Assistant Professor)

- Published a research paper titled "Machine learning in the prediction, determination and further study of different cyber attacks" in International Journal of Computer Sciences and Engineering, vol.7, issue 10, pp.27 – 36, October 2019.
- Attended One Week Short Term Training Program (STTP) on "Graph Theory and Its Applications" at Delhi Technological University from 25th – 29th November 2019.

Ms. Monika (Assistant Professor)

- Presented and Published a research paper titled "Classification Techniques Used in Sentiment Analysis & Prediction of Heart Disease using Data Mining Techniques: Review" IEEE International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT), 27th – 28th September 2019.
- Presented and published a research paper titled "Sentiment Analysis on Product Reviews" IEEE International Conference on Computing, Communication, and Intelligent systems (ICCCIS), 18th – 19th October 2019.

Ms. Reshma Sinha (Assistant Professor)

- Participated and successfully completed the training program on IEP, conducted as part of the project Special Manpower Development Programme for Chips to System Design (SMDP – C2SD) held at Indian Institute of Science, Bangalore, conducted during 24th – 28th June 2019.
- Attended and participated in the AICTE Recognized one week Faculty Development Programme on “Design Challenges in Low Power VLSI Design” Conducted by Information Management and Coordination Department of NITTTR Chandigarh from 16th – 20th December 2019.
- Attended three days Global Bio-India Summit organised by BIRAC and DBT of Ministry of Science and Technology from 21st – 23rd November 2019.
- Attended the EMBO event “Engineering meets evolution: Designing biological systems” from 30th January – 1st February 2020 in IIT Madras Chennai, India, fully sponsored by IIT Madras.
- Attended and organized hands on training two days workshop on “I – Senso Botz for Embedded system design” in collaboration with IEEE – Electron Device Society Delhi chapter.

Department of Management Studies

Ms. Yuthika Agarwal (Assistant Professor)

- Attended 4th Raisina Dialogue on, 'A World Reorder: New Geometries, Fluid Partnerships, Uncertain Outcomes' organised by Ministry of External Affairs in partnership with Observer Research Foundation held on 8th – 10th January 2019.
- Member, organising committee, 'Noida Dialogue: Vision 2030- Gautam Buddh Nagar', organised by Democratic Outreach for Social Transformation (DOST) and session coordinator for session, 'Education for All' on 15th – 16th February 2019.
- Participated as Faculty Advisor, Enactus SRCASW at Enactus India National Symposium and Competition held on 13th July 2019.
- Enrolled in Ph. D. Economics at Department of Economics, Delhi School of Economics, University of Delhi in August 2019.
- Participated in Round table discussions on Challenges for Indian Economy organised by Democratic Outreach for Social Transformation (DOST) on 23rd August 2019.
- Participated in Round table discussions on Indian Banks: Way forward organised by Democratic Outreach for Social Transformation (DOST) on 23rd August 2019.



Annual Report 2018-19

Nurturing Ideas, Shaping Future



Shaheed Rajguru College of Applied Sciences for Women

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was also participation by underprivileged children from the nearby slum areas in collaboration with NSS. College students also displayed Aerobic show and gave Yoga demonstration to promote fitness among students.

Academic Achievements and Activities of Teaching Faculty

Dr. Payal Mago, Principal

- Recipient of Erasmus Faculty Exchange Fellowship. Under this fellowship, visited Silesian University in Opava, Czech Republic
- Nominated as Academic Council Member, Central University of Sikkim.
- Nominated as Court Member, Maharishi Dayanand University, Haryana.
- Appointed as Standing Committee (Academic) Member of National Council for Teachers' Education.
- Completed fourth term as UGC Standing Committee Member of Women's Studies Centre.
- Completed third term as Executive Council Member of Central University of Haryana.
- Continued serving as Jt. Dean Colleges, Academic Activities and Research, University of Delhi.

Department of Biochemistry

Dr. Sadhna Jain, Associate Professor

- Communicated research paper entitled "*Effect of Solvents on alpha amylase inhibitory activity of Fenugreek seed extract*" in Life Sciences Journal (January, 2019).

Dr. Bhawana Sharma, Assistant Professor

- Participated in Faculty Development Program (FDP) held at Daulat Ram College, University of Delhi from July 10-16, 2018.

Ms. Astha Giri, Assistant Professor

- Research paper entitled "Lack of association of novel mutation Asp397Gly in aftB gene with ethambutol resistance in clinical isolates of *Mycobacterium tuberculosis*" accepted for publication in the "*Tuberculosis Journal*" (January, 2019).

Dr. Tarun Kumar, Assistant Professor

- Awarded Ph. D. degree in the Annual Convocation of DU held in November, 2018.

Department of Biomedical Sciences

Dr. Radhika Bakshi, Assistant Professor

- *Prognostic impact of mitochondrial DNA D-loop variations in pediatric acute myeloid leukemia.* Tyagi A, Pramanik R, Vishnubhatla S, Bakhshi R, Bakhshi S. *Oncotarget.* 2019 Feb 12;10(13):1334-1343.
- *Apoptosis : A biomarker of high-risk phenotype in pediatric acute myeloid leukemia?* Tyagi A, Pramanik R, Bakhshi R, Vishnubhatla S, Bakhshi S. *Int J Lab Hematol.* 2019 Feb; 41(1):141-147.
- *Pattern of mitochondrial D-loop variations and their relation with mitochondrial encoded genes in pediatric acute myeloid leukemia.* Tyagi A, Pramanik R, Vishnubhatla S, Ali S, Bakhshi R, Chopra A, Singh A, Bakhshi S. *Mutat Res.* 2018 Jul;810:13-18.

Dr. Shruti Banswal, Assistant Professor

- Poster presented at Indian International Science Festival, Lucknow from October 5-8, 2018 on "Assessment of antimicrobial activity of Onion and Garlic Crude Extracts".

Dr. Varsha Mehra, Assistant Professor

- Poster entitled "Antidiabetic, antimicrobial and anti-inflammatory activity of *Justicia adhatoda* leaf extracts" presented at an International Conference on Integrative Chemistry, Biology and Translational Medicine (ICBTM-2019) conducted by Hansraj College, University of Delhi.

Dr. Saquib Ansari, Assistant Professor

- Published a chapter entitled "Use of Nanostructure Polymer in delivery of drug for Cancer Therapy" in Book titled Nanostructure Polymer Composites for Biomedical Applications by Elsevier (In press).

Dr. Indu Arora, Assistant Professor

- Co-ordinator, National workshop on "Alternative Methods to Animal Testing" organized at Shaheed Rajguru College from March 27-29, 2019.
- Published a research article entitled "Hierarchally Grown NiO - Decorated Polyaniline - reduced grapheme oxide composite for ultra fast sunlight driven Photo Catalysis" *ACS Omega*, 2019; 3(7); 7846-7855.
- Attended a Faculty Development Program on Sustainable Development from October 15-22, 2018, organized by ARSD College.

- Guided Instrumentation department and Biochemistry department students on various health care and Arduino Uno based projects (completed) under summer internship program June-July 2018.
- Published a paper entitled "Design of Stair-Climbing Rocker-Bogie Mechanism" in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 7, Issue 7, July 2018.

Dr. Sonal Singh, Assistant Professor

- Awarded Ph. D. degree on thesis entitled "Photocatalytic and photo electrochemical property of Zinc Oxide and Bismuth Vanadate for pollutant degradation and water splitting applications" in November, 2018.
- Published a paper titled " $\text{Bi}_2\text{O}_3/\text{Ni-Bi}_2\text{O}_3$ system obtained via Ni-doping for enhanced PEC and photocatalytic activity supported by DFT and experimental study" published in Solar Energy Materials and Solar Cells 186 (2018) 208-216.
- Published a paper titled "A review and recent developments on strategies to improve the photocatalytic elimination of organic dye pollutants by BiOX ($X=\text{Cl, Br, I, F}$) nanostructures" published in Korean J. Chem. Eng., 35(10), 1955-1968 (2018).

Ms. Khyati Gautam, Assistant Professor

- Published a conference paper entitled "Surface Plasmon Resonance Enhanced UV Emission of Hydrothermally Grown ZnO Nanorods by Reduced Graphene Oxide", Khyati Gautam, Inderpreet Singh, Chhavi Bhatnagar, P.K Bhatnagar, Koteswara Rao Peta (2019) In: Sharma R., Rawal D. (eds) The Physics of Semiconductor Devices. IWPSD 2017. Springer Proceedings in Physics, vol 215. Springer, Cham.

Department of Mathematics

Dr. Punita Saxena, Associate Professor

- Published a Paper : Saxena, P., "A Benchmarking Strategy for Delhi Transport Corporation : An Application of Data Envelopment Analysis", International Journal of Mathematical, Engineering and Management Sciences, Vol. 4(1), pp. 232-244.

Dr. Amita Sethi, Assistant Professor

- Attended an International Conference "Bhartiya Women Past, Present and Future" during February 23-24, 2019 at NDMC Convention Centre, New Delhi.

Dr. Raksha Verma, Assistant Professor

- Attended a two-week faculty development program (FDP) entitled "Data Analysis Using Software Packages" during December 12-24, 2018 at Hindu College, DU.

Dr. Kohinoor Kaur, Assistant Professor

- Participated in national seminar on '*Probiotics: Ameliorating the Burden of Lifestyle Disorders*' at Ram Lal Anand College, University of Delhi on February 1st, 2019.
- Attended *Flow Cytometry Orientation Program* at BD-JH FACS Academy, ND, 2018.

Dr. Richa Sharma, Assistant Professor

- Participated in national seminar on '*Probiotics: Ameliorating the Burden of Lifestyle Disorders*' at Ram Lal Anand College, University of Delhi, on February 1st, 2019.
- Attended *Flow Cytometry Orientation Program* at BD-JH FACS Academy, ND, 2018.

Department of Management and Financial Studies

Ms. Yuthika Agarwal, Assistant Professor

- Member, *Organising Committee*, 'Noida Dialogue : Vision 2030, Gautam Buddha Naga', February 15-16, 2019 organised by Democratic Outreach for Social Transformation (DOST) and session coordinator for session, 'Education for All'.
- Attended 4th Raisina Dialogue on, '*A World Reorder : New Geometries, Fluid Partnerships, Uncertain Outcomes*' organised by Ministry of External Affairs in partnership with Observer Research Foundation held on January 8-10, 2019.
- Attended, '*India Banking Conclave 2018*' organised by Centre for Economic Policy Research on August 23-24, 2018.
- Attended and organised FDP on *Capitaline Plus and Financial Shenanigans* organized by Department of Management and Financial Studies, SRCASW, DU on September 15, 2018.

Ms. Sanjana, Assistant Professor

- FDP on Data Analysis using SEM and Panel data, June 2018, MAIMS, Rohini, New Delhi.
- FDP on "*Capitaline Plus and Financial Shinanigans*" organized by Department of Management and Financial Studies, SRCASW, DU on September 15, 2018.

Dr. Nidhi Nijhawan Dhaka, Assistant Professor

- An SRGM for Multi-Release Open Source Software System, International Journal of Innovation and Technology Management (IJITM), World Scientific, vol. 15(02), pages 1-20, April 2018.



Annual Report 2017-18

Driving Change, Fostering Creativity



Shaheed Rajguru College of Applied Sciences for Women
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Ms. Tulika Kumari, Assistant professor

- Organised one-day workshop on “Python” on 3 February, 2018 in Deptt. of Computer Science.
- Organised departmental two-day Workshop on “Big Data and Hadoop” conducted by TCSion training partner.
- Published paper titled “A Comprehensive Study of Shilling Attacks in Recommender Systems” International Journal of Computer Science Issues, Volume 14, Issue 4, July 2017 ISSN (Print): 1694-0814 | ISSN (Online): 1694-0784 , Page Nos. 44-50.
- Attended a National Workshop on “A trend towards Machine Learning: Techniques and Applications” at Deen Dayal Upadhyaya College from 26 December, 2017 to 1 January, 2018.

Ms. Neha Gandhi, Assistant professor

- Presented paper on “Reliability Analysis of Open Source Software based on User Growth” at Seventh International Conferences on Advances in Information Technology and Mobile Communication AIM 2017, Pune, India, Pg 17-23, Mc Graw Hill Education (ISBN:978-81-931119-9-4).
- Presented paper on “Reliability Growth Modeling for OSS : A Method Combining the Bass Model and Imperfect Debugging”, International Conference on Smart. Innovations in Communications and Computational Sciences (ICSICCS 2017), Moga, Punjab, India, Springer. (ISBN:978-1-5090-6470-0).
- Presented paper on “Estimating Reliability for OSS : An approach with Change-point in Operational Phase”, 6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO) (Trends and Future Directions), 20-22 September, 2017, Noida pg. 251-256, IEEE. (ISBN: 978-1-5090-3012-5).
- Presented paper on “Reliability Modeling of OSS Systems based on Innovation : Diffusion Theory and Imperfect Debugging” Proceedings of the First International Conference on Information Technology and Knowledge Management, pp. 53–58 DOI: 10.15439/2018KM48 ISSN 2300-5963 ACSIS, Vol. 14.
- Was conferred Best Paper Award for paper presented at 6th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO 2017), technically sponsored by IEEE, Amity University, Noida.
- Organised one-day hands-on Workshop on “Game Development using Javascript” on 24 January, 2018 by Coding Blocks.
- Organised departmental two-day Workshop on “Big Data and Hadoop” conducted by TCSion training partner.

Department of Instrumentation

Dr. Daya Bhardwaj, Assistant Professor

- Attended DBT Star College Scheme 7th Expert-cum-Coordinators meet held on 11-12 April, 2017 at Doaba College, Jalandhar.
- Coordinated the Workshop entitled "*Wonders of Science*" for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.
- Worked as an active member of the organising committee and Resource Person of UGC and DBT Sponsored, 7-Day faculty development program on Recent Trends in Applied Science Teaching (FDP-RTAST'2017) held during 21-27 July, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.
- Participated in the STEM Teacher Training Workshop on Research based Pedagogical Tool held from 6-9 October, 2017 at Pt. Ravishankar Shukla University, Raipur organised by MHRD, DBT, Govt. of India, ISER Pune, Newton Bhabha Fund of British council and Centre for Science Education Sheffield Hallam University, UK.
- Coordinated UGC and DBT Sponsored, National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017) held during 15-21 December, 2017 in Shaheed Rajguru College of Applied Sciences for Women, Delhi University, India.
- Organised one day workshop on PFMS-EAT module for the college faculty and staff under DBT star college scheme on 24 January, 2018.
- Supervised five-week internship training program for M.Sc. (Forensic Science) students on various analytical techniques and instruments from January 17-24 February, 2018.

Dr. Sneha Kabra, Assistant Professor

- Elevated to Senior Member of Institute of Electrical and Electronics Engineers (IEEE), USA.
- Elected as secretary IEEE Electron Device society, Delhi Chapter and Joint Secretary of IEEE Delhi Section, Women in Engineering Affinity Group for the year 2018.
- Published paper entitled "Analytical Modeling of Gate-All-Around Junctionless Transistor based Biosensor for Detection of Neutral Biomolecule Species", Yogesh Pratap, M. Kumar, SnehaKabra, S. Halder, R. S. Gupta and Mridula Gupta. Journal of Computational Electronics, Vol-17, no-1, PP- 288-296, Year 2017 (Springer).
- Member of Organizing Committee in workshop entitled "*Wonders of Science*" for students of East Delhi School on 17-18 May, 2017 under the DBT Star College Scheme outreach activity.

Operational Research, held at Chung Yuan Christian University, TAIWAN from 18-20 December, 2017. The same was published in the conference proceedings.

- Convenor for Physical Sciences stream in *7-Day Faculty Development Programme on Recent Trends in Applied Science technology (FDA-RTAST)* organised by Shaheed Rajguru College of Applied Sciences for Women, 21-27 July, 2017.

Dr. Shalu Sharma, Assistant Professor

- Delivered a talk entitled "Near Exact Operator Banach Frames" in International workshop on Wavelets, Frames and Applications III, held at Kirori Mal College, University of Delhi, Delhi from 14-20 December, 2017.
- Attended National Conference "On Advances in Applied Mathematics and Statistics-2017" held at Mata Sundari College for Women, University of Delhi, Delhi, from 7-8 September, 2017.
- Attended one-day Workshop on PFMS-EAT organised by Shaheed Rajguru College of Applied Sciences under DBT Star Scheme on 24 January, 2018.

Dr. Ritika Chopra, Assistant Professor

- Awarded Ph.D. from the Department of Mathematics, Faculty of Mathematical Sciences, University of Delhi, Delhi on the topic, "Possibilistic, Intuitionistic and Fuzzy Multi-objective Linear Programming Problems".
- Published papers :
 - § Chopra, R. and Saxena, R.R, 2017, "Solving Fuzzy Linear Programming Problems with Bell-shaped membership functions", *The Journal of Fuzzy Mathematics*, 25 (4), pp. 795-804.
 - § Chopra, R. and Saxena, R.R, 2017, "An application of Matrix games with Trapezoidal Intuitionistic fuzzy pay-offs transportation problem", Conference Proceedings, 9th International Conference on Applied Operational Research, Taiwan held from December 18-20, 2017.

Ms. Raksha Verma, Assistant Professor

- Published papers :
 - § Verma R., Parihar R. S., Das S., (2017). A Generalized Framework for Multi Up-gradation Software Reliability Growth Model. *CDQM — An International Journal*, 20 (1), 5-15.
 - § Verma R., Parihar R. S., Das S., (2017). Multi-Up gradation Software Reliability Growth Model considering the joint effect of Testing and Operational phase. *International Journal of Computer Applications* (0975 -8887), 172(5), 25-30.

Department of Physics

Dr. Alka Vohra Kuanr, Associate Professor

- Member of the Organising Committee for 7-day Faculty Development Programme on "Recent Trends in Applied Science Teaching" (FDP-RTAST-2017) organised by SRCASW from 21-27 July, 2017.
- Program Convenor for UGC and DBT sponsored National Para-Teaching Staff Skill Enhancement Workshop from 15-21 December, 2017 organised at Shaheed Rajguru College of Applied Science of Women.
- Attended five-day Workshop on Vigilance Matters including Disciplinary Proceedings from 8-12 January, 2018 conducted by Directorate of Training Union Territories Civil Services, Govt. of N.C.T of Delhi.

Dr. Manoj Kumar Jaiswal, Assistant Professor

- Organising Member of "One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)".

Dr. Ashok Kumar, Assistant Professor

- Presented paper "Effects of UV irradiation on fission-fragment track parameters in Makrofol-E" in International Conference on High Energy Radiation and Applications (ICHERA 2017) held from 10th-13th October 2017 at M.S. University of Baroda Vadodara-390002, Gujarat, India.
- Organising Member of "One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)".

Dr. Rashmi Verma, Assistant Professor

- Organising Member of "One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)".

Dr. Vartika Gupta, Assistant Professor

- Organising Member of "One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017)".
- Awarded Ph.D. in March 2018.

Department of Psychology

Dr. Shivani Vij, Assistant Professor

- Book Authored : Woolfolk Anita & Vij Shivani (2017). *Educational Psychology*. Pearson Education (ISBN: 978-93-3258-669-7).



Annual Report-2016-17

I take great pleasure in presenting the Annual Report of **Shaheed Rajguru College of Applied Sciences for Women** documenting its developments and achievements. The year 2016-17 was marked with many events and success stories. This can be attributed to the dedication and team spirit of the members of the management, staff and students.

Today we celebrate the 26th Annual day of the college which means more than 25 years of togetherness, dedication, commitment, cooperation and evolution.

We are extremely honored to have **Prof. Mool Chand Sharma as our Chief Guest** to grace this occasion.

Prof. (Dr.) Mool Chand Sharma, former Professor of law at Delhi University has more than 3 decades of teaching & research experience and has been associated with national and international institutions. His prior engagements include — Full-time Member of Law Commission of India, Vice Chancellor, National Law University, Bhopal; Vice-Chairperson, University Grants Commission; Secretary, University Grants Commission; Vice Chancellor, Central University of Haryana; Research Director, Ford Foundation; Research Adviser, National Human Rights Commission. He has also served as a research policy advisor to former president Smt. Pratibha Devi Singh Patil.

Prof. Sharma has been associated with various scientific and policy initiatives at national level including working on issues such as : Public Liability Law, Disaster Management, Indian Intellectual Property Regime in the context of WIPO in WTO, devising corporate social

Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi.

- Judged “Tech Talk” competition held on 11th Nov, 2016 in IT Fest “Technolympics” at Cambridge School, Noida.
- Attended workshop on “HPC Code Modernization (Parallelization)” at Department of Computer Science, University of Delhi, Delhi, on 15th Oct, 2016, where workshop was technically sponsored by Wipro Limited.

Ms. Tina Sachdeva, Assistant Professor

- Attended week long Faculty Development Program in Algorithms(FDPA) organized by Department of Computer Science(University of Delhi) in collaboration with ACM India Education ACM Delhi NCR Chapter from 7th July 2016 to 13th July 2016.
- Was organizing member of Recent Trends in Electronics and Instrumentation (RTIE-2016) held on 5-6th October 2016 at Shaheed Rajguru College of Applied Sciences for Women.
- Tina Sachdeva, Nehal Sharma, ”Computation of Bandwidth Utilization in a Network File System”, Proceedings of RTIE-2016 held at Shaheed Rajguru College of Applied Sciences for Women held on 5-6th October 2016 ISBN: 978-1539305422.
- Attended National Seminar on “Spatial Data Analytics and Wireless Sensor Networks” organized by Department of Computer Science, Ram Lal Anand College on 24th January 2017
- Successfully completed project titled “Group based co-ordination for information exchange in adhoc networks” along with 12 other members under the scheme of Innovation Projects (2015-16) of University of Delhi. Sanctioned Amount — 4.5 lakhs.

Ms Asha Yadav, Assistant Professor

- Attended two days international workshop on BIG DATA ANALYTICS in JNU on 17-18 March 2017.

- Attended one-day workshop on “Big Data Hadoop” held on 23.09.2016 in Shaheed Rajguru College of Applied Sciences for women.

Ms. Neha Gandhi, Assistant Professor

- Attended one-day workshop on **Capacity Building Workshop on e-content creation** organized by Institute of Lifelong Learning, September 2016.
- Attended **five-day workshop on PHP and MySQL** workshop organized by DUCC, December 2016.
- Organized AMCAT (world’s largest employability test) in college for B.Tech. students (All streams) for placement assistance powered by Aspiring Minds Pvt.Ltd, January 2017.

Department of Electronics

Ms. Venika Gupta, Associate Professor

- Successfully completed the innovation project titled “**Impact of behavioural addiction to use of gadgets on physical and mental health of adolescent**”, which was funded by University of Delhi, in October 2016.
- Attended a one day training program on “**Disaster Crisis Management, Basic Life Support & Emergency First Aid**” organized by the *National Task Force for Disaster Management*, held on 31st March 2017 at International Guest House, University of Delhi.
- Attended the 10th edition of the **International Conference on Theory and Practice of Electronic Governance (ICEGOV)**, at Hotel Ashoka, New Delhi, India. The conference on “**Building Knowledge Societies: from Digital Government to Digital Empowerment**” was held from 7th to 9th March 2017, followed by a doctoral colloquium on 10th March 2017.
- Attended a two day “**National Conference on Recent Development in Electronics**”, NCRDE 2017 on 17th and 18th Feb 2017 at SP Jain Auditorium, South Campus, University of Delhi.

1. "Osmotic dehydration of Papaya : optimization and standardization
 2. Development of biodegradable gluten based films for food packaging.
 3. Development of intelligent package using oxygen sensitive dye.
- Presented a poster at National Seminar "BEFFT 2017" held at JamiaHamdard University on 28 March 2017.
 - Organized students educational visit to Mother Dairy plant and ETP unit, Delhi on 6 April 2017.

Department of Instrumentation

Dr. Daya Bhardwaj, Assistant Professor

- Completed the project "Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of college students" by University of Delhi.
- Attended training program on "Ambient Air Quality Monitoring" at Air Laboratory, CPCB, Delhi from May 5- May 9, 2016.
- Presented the poster entitled "Assessment and correlation of air quality index of East Delhi region with vital respiratory parameters of college students" in the National Conference (CIPSE-2016) organized by Gargi College (University of Delhi) from September 22-23, 2016 in Delhi, India.
- Participated in one week short term course on Artificial Intelligence in Engineering Application organized by NSIT from December 26-30, 2016 in Delhi, India.
- Organized National conference on Recent Trends in Instrumentation and Electronics (RTIE 2016) organized by SRCASW from Oct. 5-6, 2016.

Dr. Sneha Kabra, Assistant Professor

Research Papers:

- Low cost eco-friendly solar inverter a standalone solar power



ANNUAL REPORT 2015-16

It is with a great sense of anticipation that all of us at Shaheed Rajguru College wait for the College Annual Day. The day is marked by the celebration of the achievements of the whole college community, including the teachers and the students. It is on this day that we remind ourselves of the hurdles crossed and laurels won through cooperation and hard work.

The annual day commemorates the consistent effort of members of the college in enhancing the academic, social and cultural ethos of the college.

Today we celebrate the 25th Annual day of the college which means more than 25 years of togetherness, dedication, commitment, cooperation and evolution.

We are extremely honoured to have **Mr. Gopal Rai**, Transport and Rural Development Minister of Delhi. Mr. Rai is a Post-graduate in Sociology from Lucknow University. He began his career with the All India Students Association, the student wing of the Communist Party of India, in Lucknow University. He is a member of the National Executive of the Aam Aadmi Party. He is also a social activist and a member of the Political Affairs Committee of the Aam Aadmi Party.

We are indeed fortunate to have **Prof. Ajoy Ghatak**, a renowned physicist with us on this occasion. Professor Ghatak has written over 170 research papers and more than 20 books. His undergraduate text on *Optics* has been translated to Chinese and Persian and his monograph on *Inhomogeneous Optical Waveguides* (co-authored with Professor Sodha) has been translated to Chinese and Russian. In 1995, he was elected Fellow of the Optical Society of America for distinguished service to optics education and for his contribution to the understanding

- Attended the World Food Day Celebrations and National Seminar on “Social Protection and Agriculture — Role of Cooperatives and Food Processing Industries” organized by AFST(I) Delhi Chapter on 16th October 2015 at NCUI Auditorium.
- Attended a National Seminar on “Importance of Nutrition in development of Processed Foods” jointly organized by AFST (I) Delhi chapter and Protein Foods and Nutrition Development Association of India (PFNDAI) at Bhaskaracharya College of Applied Sciences, University of Delhi on 2nd September, 2015.
- Attended 2 days training program on Banana Ripening organized by National Centre for Cold Chain Development on 16th-17th June, 2015 at Shaheed Rajguru College of Applied Sciences for Women.

**Dr. Radhika Bakhshi, Assistant Professor in Senior Scale,
Department of Biomedical Science**

- Published following research article “High receptor tyrosine kinase (*FLT3*, *KIT*) transcript versus anti-apoptotic (*BCL2*) transcript ratio independently predicts inferior outcome in pediatric acute myeloid leukemia” (2015) *Blood Cells, Molecules, and Diseases*; 54 : 56-64.
- **Refresher course in Environmental Science in JNU Academic Staff College, April 2015**

**Dr. Varsha Mehra, Assistant Professor in Senior Scale,
Department of Biomedical Science**

- Successfully completed four week Refresher Course in Life Sciences and Biotechnology from HRD, JNU (July- August 2015).
- Presented a Poster in 56th Annual Association of Microbiologists of India and International Symposium on “Emerging Discoveries in Microbiology” (7th -10th December, 2015).
- Conducted two day hands-on training on “PCR and its applications” for M.Sc. Anthropology students as part of a week long training session undertaken by the college (18-19th February, 2016).

- Joined as CISCO coordinator, SRCASW in February'2016 in collaboration with Cisco Networking Systems.
- Worked as Treasurer for the UGC sponsored National Conference on Advancements in Electronics and Computer Applications NCAECA' 16 in Shaheed Rajguru College of Applied Sciences for women on 4th-5th Feb 2016.

**Dr. Indu Arora, Assistant Professor,
Department of Biomedical Science**

- Attended a refresher course in "Chemistry" (June-July 2015) from CPDHE, University of Delhi.
- Published a paper entitled Samim, Mohammed, Mohammad Anwar, Deepak Yadav, Swati Jain, Sumeet Kapoor, Indu Arora, and Shweta Rastogi. "Size- and Shape-dependent Clinical and Mycological Efficacy of Silver Nanoparticles on Dandruff." *International Journal of Nanomedicine* IJN, 2016, 147.
- Conducted two day hands-on training on "Preparation of Buffers and Solution of Various Strengths" for M.Sc. Anthropology students as part of a week, long training session undertaken by the college (18-19th February, 2016).
- Done one week workshop in "Teaching Methods (3-11th March, 2016) organised by CPDHE, University of Delhi.
- Presented a poster entitled "Size dependent efficacy study of silver nanoparticles against food spoiling microbes" in conference Advances in Food Sciences and Technology (NCAFST March 2016) organised by Department of Food Technology, Shaheed Rajguru College of Applied Sciences for Women.
- Presented a poster entitled "Transition metal based spinel oxide-graphene nanoribbon composites for removal of pesticide from water" in UGC-sponsored National Conference in Chemistry Environment & Harmonious Development (NCC-2016) 7-8 April,