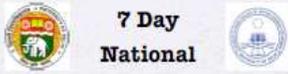


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S.No.	Name of the activity	Page No
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- 1) **National Faculty Development Program: A series of lectures on 'Laser and it's Applications'** on 22nd July, 2017, under a **seven-day 'National Faculty Development Program' from 21st to 27th July, 2017 on 'Recent Trends in Applied Science Teaching'** at Shaheed Rajguru College of Applied Sciences for Women. There were talks by Prof. Ajoy Ghatak [(Retired) Professor of Physics at IIT, Delhi] on 'Basics of Lasers' and Dr. Sunil Kumar [Assistant Professor, Department of Physics, IIT, Delhi] on 'Laser Technology and Applications'.

<p style="text-align: center;">Organizing Committee</p> <p>Chair Person: Dr. Payal Mago Principal, SRCASW</p> <p>Convener: Dr. Varsha Mehra</p> <p>Co-ordinator : Dr. Sadhna Jain (Life Science)</p> <p>Co-ordinator: Dr. Punita Saxena (Physical Science)</p> <p>Treasurer: Dr. Jasjeet Kaur</p> <p>For any further queries/correspondence Contact Dr. Manisha Khatri (Organizing Secretary) Email: fdp-rtast@rajguru.du.ac.in Details are also available at the College website http://www.rajgurucollege.com Off.Ph.: 011 - 22623505</p> <p style="text-align: center;">Registration</p> <p>Online: https://goo.gl/forms/FNuY6ZESiQhoxR1Qz</p> <p>Offline: Registration Form is enclosed in email and available on college website</p> <p style="text-align: center;">Accommodation</p> <p>Limited seats are available only for female participants in the college hostel on twin sharing basis.</p> <p>Accommodation Charges: Rs. 600/day (including Rs.100/- Mess Charges)</p>	<p style="text-align: center;">Participation Guidelines</p> <ul style="list-style-type: none"> • Interested candidates can apply with duly filled in form latest by 31st May, 2017. • Only limited seats are available, therefore registration shall be made on "first come, first serve" basis. Please note that no refund of fees shall be made later on. • The participation fee is Rs. 5000 (Rs five thousand only) which includes course kit, lunch, tea, snacks and professional fees. <p style="text-align: center;">Payment Mode</p> <p style="text-align: center;">Details for NEFT transactions:</p> <p>Name of Bank: IDBI Bank Name of Branch: Mayur Vihar, Delhi A/c No: 0877104000035361 A/c Holder's name: Principal, Shaheed Rajguru College IFSC Code: IBKL0000877 MICR Code: 110259042</p> <p style="text-align: center;">Link for Paytm transactions: www.paytm.com</p> <p>*Please Write "FDP-RTAST" in Remarks</p>	<div style="text-align: center;">  <p>7 Day National Faculty Development Programme on</p> <p>Recent Trends in Applied Science Teaching 21st - 27th July, 2017</p> <p>Organized by Shaheed Rajguru College of Applied Sciences for Women University of Delhi Vasundhara Enclave Delhi-110096 NAAC Accredited 'A' Grade</p>  <p>Sponsored by</p>  </div>
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<p>About the College Shaheed Rajguru College of Applied Sciences for Women is one of the premier applied science colleges in University of Delhi. It was established in 1989 and is built on 9.5 acres of land with separate administrative and academic blocks. The college is presently running eight undergraduate courses namely B.Sc.(H) Maths, Chemistry, Physics, Electronics, Instrumentation, Food Technology, Computer Science and Biomedical Science. The aim of the college is to provide highest academic standards by forging industry academia bond and playing a pioneering role in research & development, so as to serve society by way of shaping professionals to conquer the present and future challenges.</p> <p>About the Programme The programme aims to highlight the teaching methods in the area of applied sciences which can be used effectively in the classrooms and laboratories situations to promote a holistic learning experience for the students. The goal of this programme is to bring teaching, learning, experimenting, researching and practicing communities together and provide a platform for imparting, sharing and experimenting various developments/trends in applied science. It also focuses on understanding the upcoming challenges with possible directions to identify solutions.</p>	<p>Programme Objectives The programme is intended to discuss the recent advances in applied sciences to</p> <ul style="list-style-type: none">• Emphasize the need of research in Applied Sciences• Update on recent discoveries and methodologies in the area• Showcase modern state of art research facilities available in the college• Inspire participants to encourage students towards research for the welfare of our nation <p>Pedagogy A combination of lectures, simulation exercises, practical demonstration of various techniques and hands-on experience in the methodologies will be employed for ensuring optimum delivery of contents.</p> <p>Who Should Attend Faculty members, academicians, researchers and professionals/executives from industry engaged in applied science experimenting and research.</p> <p>Certificate of Participation A certificate of participation shall be given to participants on successful completion of the program.</p>	<p>Programme Coverage Participants would be divided in two groups according to their academic background ie; Physical sciences & Life sciences</p> <p>Life Science topics to be covered</p> <ul style="list-style-type: none">• Molecular Biology Techniques• Plant Tissue Culture• Analytical Techniques• Bioinformatics tools• Nanotechnology tools• Food Analysis <p>Physical Science topics to be covered</p> <ul style="list-style-type: none">• Laser & its applications• Computer Programming• Digital Electronics• Advanced Instrumentation (Chromatography & Spectroscopy)• Advanced statistical techniques <p>Common topics to be covered</p> <ul style="list-style-type: none">• Teaching Pedagogy• Biostatistics• IPR technology <p>(Detailed Program schedule shall be sent to registered participants)</p>
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- 2) **Educational visit: Nehru Planetarium & Museum, New Delhi.** An educational visit was arranged for second year students of B.Sc (H) Physics on 22nd August, 2017. 38 students and faculty members from the physics department, SRCASW visited Nehru Planetarium. The visit provided the students not only basic knowledge of our universe but also the technical aspects of astronomy.

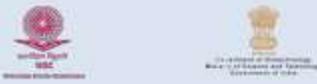
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- 3) **Technical Fest: 'TRAP-17'**, Physics society 'Tachyons', in collaboration with three other departments namely Mathematics, Chemistry and Statistics organised the annual departmental fest 'Trap-2017' on 27 October 2017. The event was inaugurated by Prof. S.K. Palhan, Founder Director, Great Lakes Institute of Management, Gurgaon and Dr. Payal Mago, Principal SRCASW. A talk on 'self-effectiveness' was delivered by the distinguished guest.

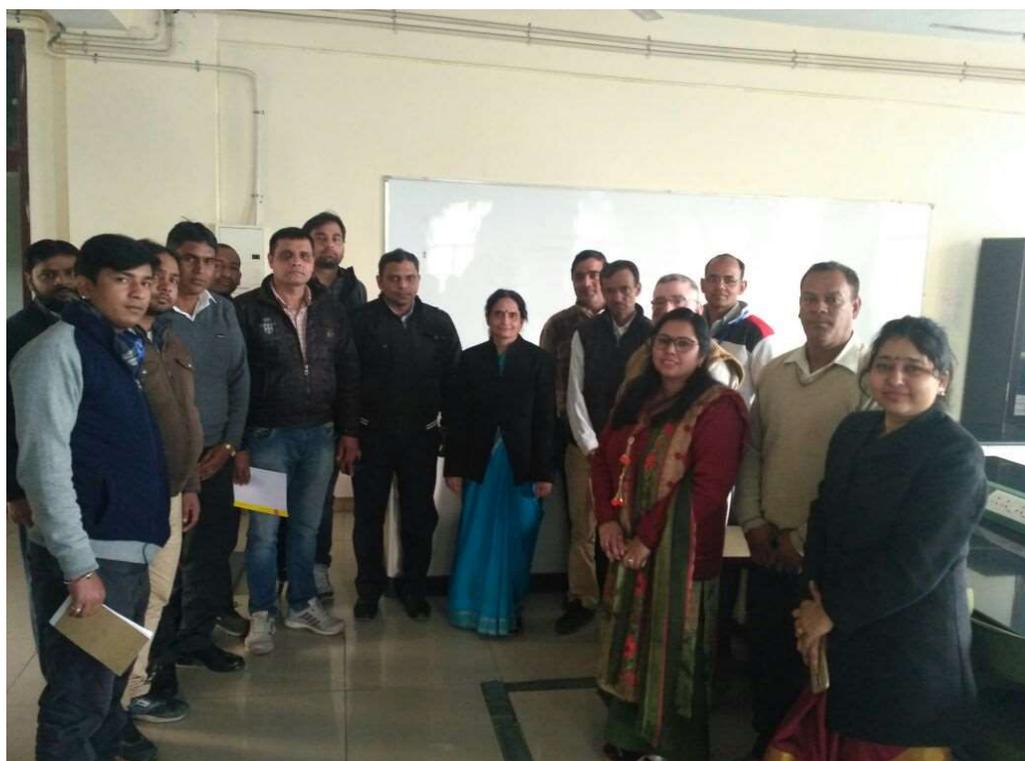


- 4) **National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW-2017): “Introduction to Mechanical Instruments”**. The department of Physics conducted a session on 'Introduction to Mechanical Instruments' on 19th December, 2017 under **National Para-Teaching Staff Skill Enhancement Workshop (PTSSEW-2017)**, a seven-day workshop from 15th to 21st December 2017 at Shaheed Rajguru College of Applied Sciences for Women organised by Department of Instrumentation. The prime goal of this session was to introduce the participants from various universities with the basic and technical knowledge of mechanical instruments.

<p style="text-align: center;">CHAIRPERSON</p> <p>Dr. Garima Gupta, Scientist-E, Department of Biotechnology, Government of India</p> <p style="text-align: center;">CHIEF PATRON</p> <p>Smt. Garima Gupta, IAS, Director (Higher Education)</p> <p style="text-align: center;">PATRON</p> <p>Dr. Payal Mago, Principal, Shaheed Rajguru College of Applied Sciences for Women (SRCASW)</p> <p style="text-align: center;">PROGRAM COORDINATORS</p> <p>Dr. Daya Bhardwaj, Department of Instrumentation, SRCASW Dr. Jasjeet Kaur, Department of Chemistry, SRCASW</p> <p style="text-align: center;">ADVISORY COMMITTEE</p> <p>Dr. S. Lakshmi Devi, Founder Principal, SRCASW Dr. K.K. Arora, Department of Chemistry, Zakir Husain College, University of Delhi Dr. Manish Kumar Datta, General Manager, Jubilant Genetec Limited, Noida Sh. Manish Shrivastava, Account Officer, Directorate of Higher Education, Delhi Sh. Sunil Kumar, Admn. Officer, Directorate of Higher Education, Delhi</p> <p style="text-align: center;">PROGRAM CONVENORS</p> <p>Dr. Alka Vohra Kumar, Department of Physics, SRCASW Dr. Indu Arora, Department of Biomedical Sciences, SRCASW Ms. Preeti Singhal, Department of Electronics, SRCASW Dr. Sadhna Jain, Department of Biochemistry, SRCASW</p>	<p style="text-align: center;">ORGANIZING COMMITTEE</p> <p>Department of Instrumentation, SRCASW</p> <ol style="list-style-type: none"> 1. Dr. Sneha Kabra 2. Ms. Reshmi Sinha 3. Ms. Sanil Malik 4. Ms. Himani Dua 5. Ms. Neha Gang 6. Ms. Sonal Singh <p>Department of Chemistry, SRCASW</p> <ol style="list-style-type: none"> 1. Dr. Shuchi Dhinata 2. Ms. Neha Sagar 3. Dr. Anjeeta Rani 4. Dr. Deepak Kumar <p>Department of Biomedical Sciences, SRCASW</p> <ol style="list-style-type: none"> 1. Dr. Mohd. Saquib Ansari 2. Dr. Manisha Khatri 3. Dr. Parvinder Kaur 4. Ms. Netai Sain 5. Mr. Tarun Kumar 6. Dr. Hemant <p>Department of Biochemistry, SRCASW</p> <ol style="list-style-type: none"> 1. Dr. Lakshmi Pasricha Sarin 2. Dr. Bhawana <p>Department of Physics, SRCASW</p> <ol style="list-style-type: none"> 1. Dr. Manoj Jaiswal 2. Dr. Ashok Kumar 3. Dr. Rashmi Verma 4. Dr. Vantika Gupta <p>Department of Psychology, SRCASW</p> <ol style="list-style-type: none"> 1. Dr. Shivani Vij <p>Administration, SRCASW</p> <ol style="list-style-type: none"> 1. Mr. T.N.Ravi, S.O.(Accounts) 2. Mr. Saikat Kumar, S.O.(Administration) 	 <p>UGC and DBT Sponsored National Para-teaching staff Skill Enhancement Workshop (PTSSEW 2017)</p> <p>15th to 21st December, 2017</p> <p><i>Organized by</i></p> <p>Shaheed Rajguru College of Applied Sciences for Women (University of Delhi) Vasundhara Enclave, Delhi-110096 Accredited by NAAC with "A" Grade</p>  <p><i>Sponsored by</i></p> 
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ABOUT THE COLLEGE	ABOUT THE WORKSHOP	PARTICIPATION GUIDELINES
 <p>A premier institute of higher education, affiliated to the University of Delhi, Shaheed Rajguru College of Applied Sciences for Women was established in 1989. The sprawling campus possesses state-of-art laboratories, modern classrooms, spacious auditorium, automated library and a hostel for more than 100 residents. The college is presently running 14 Undergraduate courses, including those of applied sciences, pure sciences, management studies and psychology. The aim of the college is to provide high academic standards and to play a pioneering role in Research and development.</p> <p>The college faculty has contributed immensely to the advancement of education and research. The well placed alumni are the pride of the institution. The college has efficient support staff to assist in the smooth functioning of various laboratories and administrative work.</p>	<p>The college is organizing a one week Para-teaching Workshop from Dec 15th to 21st December, 2017, jointly sponsored by UGC and DBT Star College Scheme. The aim of the workshop is to enhance the skills of Para-teaching staff employed in College and University departments across the country in various disciplines like electronics, physics, chemistry and biology.</p> <p>The workshop shall provide hands-on training on basic as well as advanced techniques and instruments essential for the smooth functioning of the laboratories. There will be ample opportunities for deliberating on issues pertaining to upkeep of equipments and machinery. It will also provide a platform for exchanging views so as to ensure a seamless transfer of knowledge from faculty to students. The program contents are chosen and structured to meet the needs of each of the target groups of technicians and laboratory staff in Universities and Colleges.</p> <p>Some of the salient features of the training programs are:</p> <ul style="list-style-type: none"> • Lecture sessions on Good Lab Practices • Intensive hands-on sessions • Comprehensive documentation • Special session on basic computer skills • Operation, calibration and maintenance of laboratory instruments • Interactive sessions 	<ul style="list-style-type: none"> • Interested participants can apply online as well as offline with duly filled in form latest by 30th Nov, 2017. • Only limited seats are available, therefore registration shall be made on "first come, first serve" basis. Please note that no refund of fees shall be made later on. • The participation fee is Rs. 500 (Rs five hundred only). <p>REGISTRATION PROCESS</p> <p>Online link for filing the form: https://goo.gl/forms/u4U3ZcTcdLXEKvU2 Offline: Registration form is enclosed in the email and can be downloaded from the college website (www.raajgurucollege.edu.in) Completely filled form should be mailed to the college address. The envelope to be super scribe as Application for PTSSEW 2017.</p> <p>PAYMENT MODE</p> <p>For online NEFT transaction, kindly mention in the comment tab – <PTSSEW><space><Participant's initials> for example if Ms. Neha Sharma makes the payment, comment should read: PTSSEW NS Details for NEFT Transaction Name of the Bank: IDBI Bank Ltd Name of the Branch: Mayapuri Vihar State: Delhi District: Delhi Account Number: 6877104000035389 IFSC Code: IBKL00000877 MICR Code: 110259042 Branch Code: 000877</p> <p>CONTACT US</p> <p>Phone No. 011 -22623503, 22623505 E-mail: ptssew2017@gmail.com</p>



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- 5) **Seminar: 'Jantar Mantar - Observatories of India'** by **Dr. N. Rathnasree, Director of Nehru Planetarium, New Delhi.** 'Tachyons', the Physics society invited Dr. N. Rathnasree, Director of Nehru Planetarium, New Delhi on 24th January, 2018. She delivered a lecture on the topic 'Jantar Mantar - Observatories of India'. She introduced students with the historical instruments built for astronomical calculations to predict time and movement of sun, moon and other planets. The talk was very insightful for the students as it gave a conceptual and theoretical knowledge of ancient ways of Indian Astronomy.



- 6) **Lab Visit: IUAC, New Delhi.** The department organised a one-day lab visit for the first year students of B.Sc (H) to Inter University Accelerator Centre (IUAC), New Delhi on 27th February 2018. The motivation of this visit was to create awareness among the students about the research centres, their research activities for the development of the country and the career opportunities offered by them.

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Awards & Achievements:

- i) Department of Physics won first position in March-Past in Spardhaa, 2018 – the sports fest of SRCASW organized on January 18-19, 2018. They were awarded for their well-coordinated and energetic presentation.
- ii) Department of Physics achieved “The best department award” for scoring the maximum number of medals in Interdepartmental Sports Tournament organized by Physical Education department of SRCASW.

