



RUSA

NEWSLETTER

August 2018 – December 2020

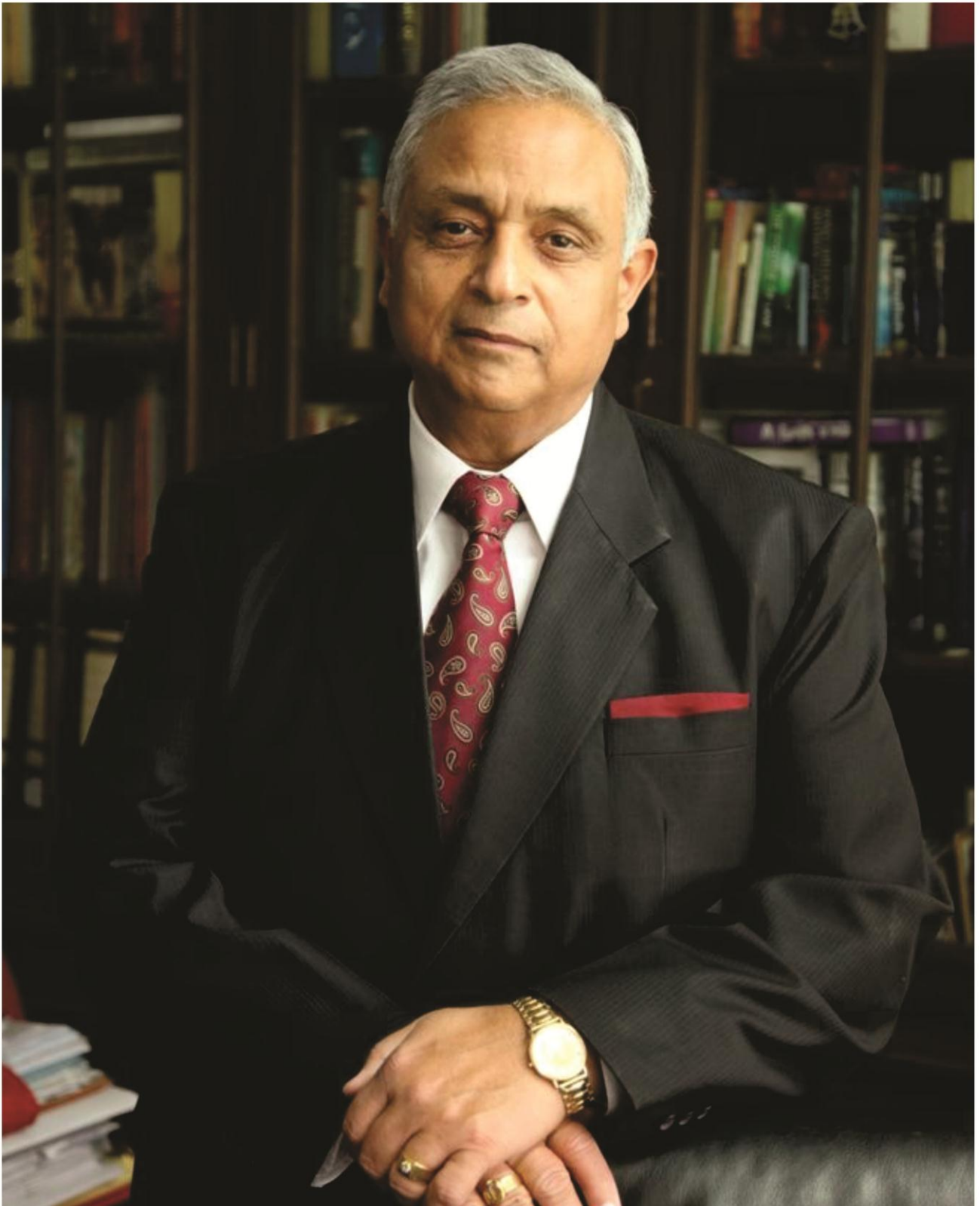
Mehr Chand Mahajan
DAV College for Women
Sector 36-A, Chandigarh

Our Beacon of Light



MAHARISHI SWAMI DAYANAND SARASWATI

Our Guide and Mentor



Dr. Punam Suri Ji, Padma Shree Awardee

Hon'ble President

DAV College Managing Committee

New Delhi



From the Principal's Desk

It gives me immense pleasure to acknowledge the transformative role of Rashtriya Uchchattar Shiksha Abhiyan (RUSA) in steering the course of qualitative improvement in the higher education sector. Infrastructure Grant of Rs 2 Crore, which our institution received under this flagship mission, has been instrumental in the construction of new utilities for the stakeholders. Upgradation of laboratories, installation of Solar Photovoltaic Panels, Rainwater Harvesting System and Water Boosting System, have gone a long way in reinforcing our institution's commitment to sustainable development. Our moment of glory came when the coveted title of the 'Cleanest College among Residential Colleges in the country' was bestowed on us by the Government of India under Swachh Bharat Abhiyan in 2018. It was a testimony to our sustained endeavours and dedication to the cause of cleanliness and environment protection.

It is heartening to share that Capacity-building initiatives for the students, faculty and support-staff have also been possible as we received RUSA Preparatory Grant of Rs 2.5 lac. Various Awareness Programmes, Workshops and Remedial Classes were organised to strengthen the academic ambience in the institution.

I express my deep gratitude to Dr Punam Suri, Padma Shree Awardee, Hon'ble President DAV Colleges Managing Committee, New Delhi, for inspiring us to scale new heights in our constant march towards excellence. I am beholden to Sh H.R. Gandhar, Hon'ble Vice-President, DAV Colleges Managing Committee, New Delhi, for guiding us in all our endeavours. I take this opportunity to thank Sh Shiv Raman Gaur, Hon'ble Director Higher Education, DAV Colleges Managing Committee, New Delhi, for encouraging us to channelise our potential with renewed zest and commitment.

I express my heart-felt thanks to the State Project Director for facilitating the smooth inflow of RUSA-grant. I express my sincere gratitude to the Mission Coordinator (RUSA), Dr Dalip Kumar, for his timely help and guidance in all our RUSA- initiatives.

I congratulate my RUSA Team for working tirelessly to make judicious utilisation of the grant as this onerous task would not have been accomplished without enthusiastic camaraderie among the team-members. I wish my team great success in all the future endeavours.


Dr. Nisha Bhargava
[Principal]

Rashtriya Uchchar Shiksha Abhiyan--Ensuring Access, Equity and Excellence



It fills me with immense pleasure to recount my journey as Institutional Coordinator, RUSA since 2016. What began as a small step towards qualitative transformation in the institution turned out to be a milestone in our journey towards excellence. Capacity-building Programmes coupled with infrastructural additions have, truly, helped us realise the vision of providing quality education in a quality ambience.

True to the spirit of Rashtriya Uchchar Shiksha Abhiyan, our sustained endeavour was to revolutionise education by empowering minds. As a result, enriching teaching-learning, upgrading laboratories and providing infrastructural additions were our primary objectives while chalking out our strategy for utilising the RUSA grant.

It fills me with great satisfaction that we have made a sincere effort to reach out to each and every section of our stakeholders, be it students, faculty or the support-staff because we, as RUSA Team, believe that true empowerment lies in ensuring the greatest good of the greatest number.

I am grateful to Madam Principal, Dr Nisha Bhargava, for leading by example and motivating us in all our endeavours .

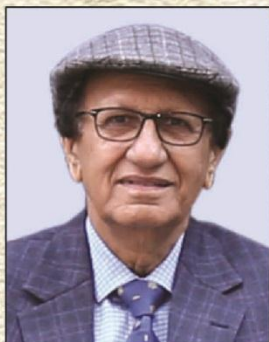
I express my sincere gratitude to State Project Director (RUSA) for expediting the Administrative Approval for all our projects. I am deeply beholden to Dr Dalip Kumar, Mission Coordinator (RUSA) for guiding us all through this journey with a selfless zeal.

I am thankful to all the members of RUSA-Team for their support and consistent hard work.

Let's all work together to enrich lives through education. Amen!

Neena Sharma
Associate Professor &
Institutional Coordinator (RUSA)

RUSA BOARD OF GOVERNORS & SPECIAL INVITEE



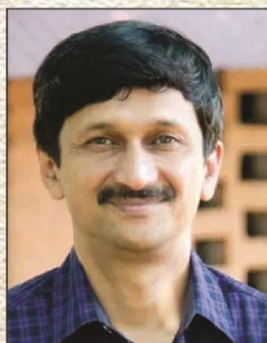
Sh. H.R. Gandhar
Hon'ble Vice President
DAV College Managing Committee
Chitra Gupta Road, New Delhi



Dr. Nisha Bhargava
Fellow, Panjab University, Chandigarh
&
Principal, MCM DAV College for Women
Sector 36-A, Chandigarh (U.T.)



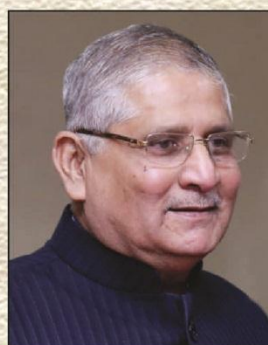
Dr. Dalip Kumar
Additional State Project Director
(RUSA)
Chandigarh Administration



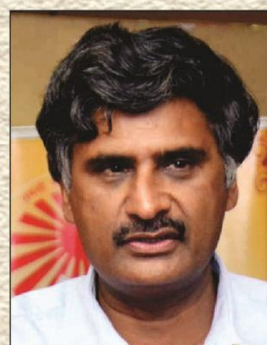
Mr. Vivek Atray ex IAS
Author and Motivational Speaker
Panchkula (Hr.)



Prof. Ravinder Kumar Singla
Chairperson
Department of Computer Science
& Applications
Panjab University, Chandigarh (U.T.)



Prof. Suresh Kumar Chadha
University Business School
Panjab University, Chandigarh (U.T.)



Prof. Sanjeev Kumar Sharma
University Institute of
Applied Management Sciences
Panjab University, Chandigarh (U.T.)



Prof. Rama Krishna Challa
Head, Dept. of Computer Sc. & Engg.
National Institute of
Technical Teachers Training & Research
Chandigarh (U.T.)

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Sector 36-A, Chandigarh (U.T.)



Mrs. Neena Sharma
Institutional Coordinator (RUSA)
&
Associate Professor
Department of English
MCM DAV College for Women
Sector 36-A, Chandigarh (U.T.)



Mrs. Vandana Syal
Associate Professor
Dept. of Computer Sc. & Applications
MCM DAV College for Women
Sector 36-A, Chandigarh (U.T.)



Ms. Chavi
President, Students' Council
MCM DAV College for Women
Sector 36-A, Chandigarh (U.T.)

INSTITUTIONAL RUSA COMMITTEE



RUSA Institutional Co-ordinator

Ms. Neena Sharma

Nodal Officers:

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Dr. Mini Grewal

Dr. Sarabjeet Kaur

Procurement

Dr. Swati Sidana

Dr. Purnima Bhandari

Financial Aspects

Ms. Madhvi Bajaj

Dr. Nidhi Tanwar

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Plan implementation**

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Dr. Gurjeet Virk Sidhu

Academic activities

Dr. Komil Tyagi

Dr. Kanika Sofat

RUSA Newsletter

Dr. Mamta Ratti

Dr. Ketaki Dwivedi

Dr. Preeti Gambhir

Mr. Ashish Mudgal

Technical Assistance & Correspondence

Mr. Ashish Mudgal

**Maintaining data for
SHEC and AISHE portal**

Mr. Surjit Singh

Accounts and Record Keeping

Mr. Pawan Sharma

Mr. Pawan Kumar (Accounts)

**Report of activities / Projects under the aegis of
Rashtriya Uchcharat Shiksha Abhiyaan (RUSA)
August 2018 - December 2020**

**Workshop on Research Methodology
Conducted by the Department of Public Administration
17th August, 2018**



The Public Administration department of Mehr Chand Mahajan DAV College for Women organised a 1 day workshop on Research Methodology. Sponsored by Rashtriya Uchcharat Shiksha Abhiyaan (RUSA), the resource person for the workshop was Prof. Divya Sharma, Division of Justice and Law Administration, Western Connecticut University, USA.



Over 35 students participated in the workshop. Spread over 3 sessions, the workshop provided an insight into various facets of research in an exhaustive manner. Prof. Sharma elucidated the types of social sciences research, data types, sampling, qualitative and quantitative research, data analysis and presentation, report writing and conference presentation and most

importantly, the concept of ethics and authenticity in research. She also discussed about the practical applicability of research in terms of policy implications.

**Workshop on Basics of Research Methodology with particular reference to SPSS
Conducted by the Department of Economics
5th October, 2018**



RUSA has contributed immensely to the growth of the institution, both in terms of staff upgradation and infrastructure. Preparatory and Infrastructure Grants received under this mission have transformed the spectrum of higher learning. New tools of pedagogy with emphasis on ICT, skill-oriented sessions with students, have contributed to creating more stimulating academic ambience in the college. More advanced teaching-learning resources, better laboratories and upgraded infrastructure have, surely, contributed to the over-all growth of our institution.

Capacity Building programmes organised for the students under the aegis of RUSA have brought about a positive change in the system and have also reinforced a strong sense of motivation and team-spirit and have facilitated a rich academic ambience in the institution.

The Postgraduate Department of Economics at Mehr Chand Mahajan DAV College for Women organised a workshop on 'Basics of Research Methodology' here today. Held under the aegis of Rashtriya Uchcharat Shiksha Abhiyan (RUSA), the resource person for the workshop was Dr. Tejinderpal Singh, Associate Professor, UBS, PU. During this highly informative workshop.

Dr. Singh shed light on the nuances of research methodology including research design, sampling, data analysis using SPSS and data presentation. The expert elucidated the concepts related to research with the help of relevant examples for effective understanding, making the workshop extremely beneficial. Participants along with the faculty members expressed deep gratitude to the resource person for sharing his valuable guidance.

Workshop and Hands on Training of Web Development with Word Press
Conducted by the Department of Computer Science and Applications
6th October, 2018



The Department of Computer Science and Applications of Mehr Chand Mahajan DAV College for Women organised a Rashtriya Uchchatar Shiksha Abhiyan (RUSA) sponsored workshop on '**Content Management System: WordPress**'. The objective of the workshop was to create an understanding among the participants about WordPress as a platform for content management and web publishing and also to help them grasp the practical aspects of this platform. Ms.Jyoti Sharma, Deputy Director, National Institute of Electronics and Information Technology, Chandigarh conducted this highly informative workshop that witnessed enthusiastic participation of 68 students.



The workshop was followed by an interactive session wherein the participants put forth their queries that were suitably answered by the expert. At the culmination of the workshop, certificates were awarded to the participants.

Lauding this initiative, Principal Dr.Nisha Bhargava said that MCM organises such insightful workshops, lectures, seminars and interactions with industry experts on a regular basis for the holistic development of its stakeholders.

Workshop on Power Sector Sustainability
Conducted by the Department of Physics
22nd and 23rd October, 2018



Mehr Chand Mahajan DAV College for Women held a Rashtriya Uchchar Shiksha Abhiyan (RUSA) sponsored 2 day workshop on 'Power Sector Sustainability'. A joint endeavour of Department of Zoology and Department of Physics of the college, the workshop aimed to sensitise participants about the current challenges faced by the power sector and to deliberate upon reforms

to chart a sustainable future. On the inaugural day, Dr. Tarlochan Kaur, Chairperson, Centre for Energy Studies, PEC delivered a talk on Power Sector Sustainability and Mr. Sanjeev Verma, Head-Technical, Multi Overseas India Pvt. Ltd. gave a demonstration of solar panels.

During first session of day 2, Dr. Tarlochan spoke about energy crisis and importance of renewable sources of energy in her talk titled 'Recent Trends in Renewable Energy for Power Generation'. She highlighted that despite a huge potential in India for renewable energy production, integration of this energy into power sector is comparatively low because of factors like resource availability, technological appropriateness, environmental feasibility, institutional preparedness, socio-cultural acceptability and financial viability.

Dr. Kaur asserted that technological innovation, mass awareness and skill development programmes are of essence in increasing renewable energy acceptance in India. Session 2 witnessed highly informative talks on 'Demand Response using MATLAB platform' by Ms. Sachpreet Kaur, PEC and on 'Smart Grid Technology' by Dr. Tarlochan Kaur. Interactive session that ensued the talks drew enthusiastic response from the participants wherein they shared innovative ideas. Workshop like this sensitize the students about the energy crises the world faces today.

.One day practical training programme at CDTI, Chandigarh
Conducted by Department of Police Administration
20th November 2018



One day practical training programme was organised for the students of Police Administration at the Central Detective Training Institution (CDTI), Chandigarh on for giving first hand experience to the students regarding Police Procedure and techniques in crime investigation.



The lectures given by Sh. Rakesh Chauhan, DSP motivated the students for joining Police Department to serve the society. Students were very enthusiastic during different training sessions. A practical and comprehensive training was given by Dr. L.S. Rana on investigation of various crime scenes like Murder, Rape and Accident. Knowledge on Narcotic drugs and

Substances was highly appreciable. Students took keen interest in all the techniques adopted to investigate these types of crimes.

Workshop Series on Sustainable Urban Farming
Conducted by Skill Development Committee
23rd October 2018, 21st November 2018 and 27th February 2019



The Workshop Series on Sustainable Urban Farming was started with Mr. Rahul Sharma as the resource person. Apart from theory on what and why of organic farming, the enrolled students learnt to make soil beds, sow seeds and understand the nutrients and predators of plants. **Three workshops were sponsored by RUSA** for organic farming. Fruit trees were also purchased and planted at various places in the college- imli, anar, lichi ,aadoo among others. A variety of summer and vegetables were grown - Lady Fingers, Swiss Chard, Kale Carrots , Radishes, Brocoli, Palak , Onion, Lettuce, Karelia, Lauki, Hari Tori. The year also saw girls learning to grow Micro Greens, Makka, Bajra , and Lobia Beans. In November 2018, Ms Ashreen , a young farmer dwelt on challenges she faced since her decision to become farmer. The session also marked the beginning of organic farming near the hostel blocks.



Skill Enhancement Computational Mathematics Workshop on MATLAB
Conducted by the Department of Mathematics
1st and 2nd November, 2018



The Postgraduate Department of Mathematics at Mehr Chand Mahajan DAV College for Women organized a 2-day skill enhancement workshop on Computational Mathematics Workshop on MATLAB. Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (RUSA), the workshop had Prof. Gurmeet Kaur Bakshi, Chairperson, Department of Mathematics, PU as the Chief Guest for inaugural session. The workshop was conducted by Dr. Anuj Sharma, Assistant Professor, Department of Computer Science and Applications, PU and witnessed enthusiastic participation of over 80 students. During the two days of highly informative sessions on MATLAB, Dr. Anuj apprised the participants of the multidisciplinary applicability of the software, its basics, and user-defined functions. A MATLAB test was also organized after the workshop in which Pooja (M.Sc.II) stood 1st, Oshin (M.Sc.II) came 2nd and Pragati (M.Sc.II) won the 3rd prize. Prof. S.K. Tomar, Department of Mathematics, PU presided over the valedictory session and gave away certificates to the participants and winners.

Workshop on “Success in the Institutional Framework” 4th January, 2019



The Mehr Chand Mahajan DAV College for Women organized two Workshops on “Success in the Institutional Framework” under the aegis of RUSA for the Admn and support staff.



More than 120 support staff members of various colleges of tricity attended the workshops. Dr Dalip Kumar, Additional State Project Director (RUSA), Chandigarh inaugurated the highly motivating and informative workshops and lauded the efforts of MCM RUSA Team for conducting these programmes. He highlighted the importance

of ethics at work.

Prof. Suresh K Chaddha from University Business School, Panjab University apprised the participants of the need for team work, motivation and ethics at work. Through very interactive games and activities Prof Chaddha highlighted the importance of value based system aimed at the optimum use of human resource.



Workshop on “Financial Management” for Support Staff 4th January, 2019



A workshop on “Financial Management” was organized under the aegis of RUSA for the Group D employees of the college Mrs. Simmi G Singh, Branch Manager, SBI at MCM DAV Campus, Mr. Ravinder Walia, Deputy Manager, Mr. Manish Kumar, Relationship Manager from SBI General and Mr. Harinder Singh Siddhu, Business Development Manager from SBI,



Chandigarh gave detailed presentation of Banking and Insurance. In two interactive sessions, they informed the participants about various options available for financial management through banking and insurance and answered the queries of the enthusiastic participants.

**Workshop on “Water Colour Painting”
Conducted by Department of Fine Arts
5th March, 2019**



The Fine Arts Department at Mehr Chand Mahajan DAV College for Women organised a Rashtriya Uchhatar Shiksha Abhiyan (RUSA) sponsored workshop on Water colour Painting. Sh. Bhem Malhotra, Chairperson, Lalit Kala Akademi, Chandigarh conducted this workshop that aimed to hone the skills of the budding artists of the department in the art of painting with water colours. Besides briefing the participants about the techniques of painting with water colours, Sh.Malhotra gave an insightful demonstration that helped participants grasp the nuances of the water colour medium.



Workshop on Research Basics
Conducted by Postgraduate Department of Economics
27th August 2019



The Postgraduate Department of Economics at Mehr Chand Mahajan DAV College for Women organized a Rashtriya Uchhatar Shiksha Abhiyan (RUSA) sponsored workshop on 'Basics of Research'.

Dr. Rakesh Thakur of PGGC-11, Chandigarh conducted the workshop that aimed at enhancing the knowledge and research aptitude of undergraduate students. Over 50 students participated and benefitted from the workshop. Spread over 3 intensive sessions, the workshop provided the students a thorough understanding of the basics of conducting research, including practical skills in research design, theoretical framework, questionnaire designing and data collection and analysis.

Principal Dr. Nisha Bhargava while stressing upon the importance of research in social development said that the college envisions to promote effective research and has set aside seed money to promote research at undergraduate as well as postgraduate level.

Workshop on Biofertilizers
Conducted by Department of Botany
26th September 2019



The Botany Department of Mehr Chand Mahajan DAV College for Women organized a Rashtriya Uchchar Shiksha Abhiyan (RUSA) sponsored lecture-cum-workshop on 'Biofertilizers: Production and Application Technology'. Dr. Rajesh Kaushal, Principal Scientist (Soil Microbiology), Department of Soil Science and Water Management, Dr. Y.S. Parmar University of Horticulture and Forestry, Himachal Pradesh conducted this highly informative programme. The programme was well-attended by over 46 students and faculty members. In his comprehensive lecture, Dr. Kaushal covered various aspects including introduction to biofertilizers and their types, soil nutrients, sources of nutrients, availability of biofertilizers, their production and methods of their application in the field. The participants were also introduced to different instruments used in biofertilizer production, method of isolation, characterization and authentication /identification of microbes and their mass culturing for liquid and carrier based biofertilizers. The participants found the programme highly engrossing and useful as they garnered practical knowledge about the eco-friendly alternatives to synthetic fertilizers.

Workshop on to mark 150 years of Periodic Table
Conducted by Postgraduate Department of Chemistry
2 November 2019



To celebrate the 150th year of periodic table, the Postgraduate Department of Chemistry of Mehr Chand Mahajan DAV College for Women organized a one day Rashtriya Uchhtar Shiksha Abhiyan (RUSA) Sponsored workshop with hands on training on identification of various elements, their periodic properties and various chemical reactions.

Dr. Vimal K. Bhardwaj, Assistant Professor, Department of Chemistry, Dr. B. R. Ambedkar NIT, Jalandhar delivered an inspiring lecture followed by experimental demonstration. UG and PG students participated with enthusiasm in various competitions like power-point presentation, quiz and poster presentation on the topic of periodic table.



Workshop on Entrepreneurship, Innovation and Macro Economic Variables
Conducted by Postgraduate Department of
Economics 7 November 2019



The Postgraduate Department of Economics of Mehr Chand Mahajan DAV College for Women organized a one-day workshop titled 'Entrepreneurship, Innovation and Macro Economic Variables' here today. The Rashtriya Uchchar Shiksha Abhiyan (RUSA) sponsored workshop witnessed enthusiastic participation of 50 students. Spread over 3 invigorating sessions, the workshop had Ms. Ritu Singal, MD, Raglan Infrastructure Pvt. Ltd. and Winner Nippon Leatherette Pvt. Ltd., Mr. Vivek Atray, Former IAS, author and motivational speaker, and Prof. Suman Makkar, Prof. of Economics, Department of Evening Studies, PU as the resource persons.

Interwoven with examples from her own inspiring entrepreneurial journey, Ms. Singal's lecture motivated the participants to adopt an out of box approach and promote ideas that can resolve the problems of the masses. Right from product development, finance to marketing the product, Ms. Singal touched upon the practical problems that an entrepreneur faces and suggested solutions for the same.

Speaking on attributes of an entrepreneur, Mr. Atray reiterated that creativity, risk taking ability, resilience, determination, self-belief, interpersonal skills and right attitude are the ingredients for success. In a lively lecture tempered with anecdotes, he stressed on the importance of innovation in entrepreneurship and urged the participants to develop their entrepreneurial acumen through an innovative approach to the problems of the society.

Prof. Makkar discussed Schumpeter's theory on innovations, highlighting the crucial role of innovations and that of an entrepreneur in the development of an economy. The views were supported by the mathematical presentation of the model depicting the role of the various economic indicators such as saving, investment amongst others to achieve development.

Principal Dr. Nisha Bhargava complimented the Department of Economics for igniting the young minds to contribute towards nation building. She added that such workshops are of essence for nation's economic growth as these educate the youth to acquire new knowledge and skills as well as sensitise and guide them about ways of tackling the existing problems faced by the economy.



Workshop on baking
Conducted by Department of Home
Science 7 November 2019



The Home Science Department of Mehr Chand Mahajan DAV College for Women organized a 2-day workshop on baking. Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (RUSA), the workshop aimed to equip the participants with culinary skills in baking and to empower them by sensitising them about entrepreneurial opportunities in baking.

Culinary expert Ms. Sanyogita Gajendra, Coach (NIESBUD) under Ministry of Skill Development and Entrepreneurship, Government of India conducted the workshop that witnessed enthusiastic participation of over 35 students. Over the course of the two days, the participants received intensive training in baking cakes-with egg as well as eggless, breads, croissants, cookies and biscuits.



Workshop and Mock Drill for Disaster Management
Conducted by Disaster Management Committee
19 November 2019



In a first of its kind endeavour, the RUSA team of Mehr Chand Mahajan DAV College for Women, in association with the Disaster Management Committee of the college, organized a Workshop and Mock Drill to generate awareness about the techniques and strategies required for disaster management. A team from the National Disaster Response Force 7th Battalion, Bathinda, Punjab apprised the students, faculty and the support staff of various measures which can minimize the catastrophic effects of any disaster.

Through examples of various disasters which our country has witnessed in the recent past like tsunami, cloudbursts, fire, earthquakes and cyclones, Inspector Nukul underlined the fact that loss of human lives and property could have been much less if there was more aware of the ways of handling these crises. He also discussed the multi-layered role of the Disaster Response Team.



A team of 21 members demonstrated handling of the situation in case of an earthquake, fire, flood and accident like operation of safety equipments and evacuation in these cases. CPR, in case of a stroke, was also well-illustrated by the team. The demonstration of rescuing people from high-rise building with the help of ropes was also undertaken by the team. An exhibition of equipment used for disaster management like boats and diving suits used during flood or cyclones, Aska Lights for rescue operations, Victim Location Device and Seismic and Acoustic signal devices along with tools used for detecting radiation was a huge draw. The team described in detail the functioning of all these devices. Principal Dr Nisha Bhargava applauded the dedicated team for playing an indispensable role in rescue operations. She congratulated the RUSA Team and Disaster Management Committee for arranging this enlightening workshop for generating awareness on this highly relevant issue.



RUSA Governing Body Meeting

11 January 2020

Mehr Chand Mahajan DAV College for Women organized the Governing Body Meeting of Rashtriya Uchchatar Shiksha Abhiyan (RUSA) on January 11, 2020 (Saturday). The aim of the meeting was to deliberate upon ways to revitalise and restructure the college's resources under the aegis of RUSA. The meeting was attended by following members of the RUSA Board of Governors:

- 1) Dr. Nisha Bhargava, Fellow, Panjab University, Chandigarh & Principal, Mehr Chand Mahajan DAV College for Women, Chandigarh
- 2) Prof. Ravinder Kumar Singla, Chairperson, Department of Computer Science & Applications, Panjab University, Chandigarh
- 3) Prof. Suresh Kumar Chadha, University Business School, Chandigarh
- 4) Prof. Sanjeev Kumar Sharma, University Institute of Applied Management Sciences, Panjab University, Chandigarh
- 5) Prof. Rama Krishna Challa, Head, Department of Computer Science and Engineering, National Institute of Technical Teachers' Training and Research, Chandigarh
- 6) Mr. Amarbir Singh, Managing Director, Indian Polymer Industries, Mohali, Punjab
- 7) Mr. Daljit Ami, Filmmaker, Writer and Journalist, Chandigarh
- 8) Mrs. Poonam Jain, Associate Professor, Department of Physics, Mehr Chand Mahajan DAV College for Women, Chandigarh
- 9) Dr. Vibha Sharma, Associate Professor and Head, Department of Public Administration and IQAC Chief Coordinator, Mehr Chand Mahajan DAV College for Women, Chandigarh

10) Mrs. Neena Sharma, Institutional Coordinator (RUSA) & Associate Professor, PG Department of English, Mehr Chand Mahajan DAV College for Women, Chandigarh

11) Mrs. Vandana Syal, Associate Professor, Department of Computer Science and Applications, Mehr Chand Mahajan DAV College for Women, Chandigarh

12) Ms. Chavi, President, Students' Council, Mehr Chand Mahajan DAV College for Women, Chandigarh

Dr Dalip Kumar, Additional State Project Director (RUSA) graced the occasion as a special invitee.

Sh. H.R. Gandhar, Sh. Vivek Atray, Dr Namita Gupta and Mrs. Shashi Prabha Bansal could not attend the meeting due to their prior commitments.



The meeting began with the Principal Dr. Nisha Bhargava showcasing the glorious achievements of the institution. Dr. Bhargava apprised the Board of Governors of various accomplishments of the institution at international and national level. This included prizes at 13th South Asian Games held in Kathmandu, International World University Games 2019 held in Italy, 1st Rank in the country for Cleanest College (Residential), and 3rd Rank for Best Citizen led-initiative, signing of an MoU with London School of Management Education, London and so on. Shedding light on the initiatives aimed at holistic development of all its stakeholders, Dr. Bhargava informed the board about the various workshops, skill development programmes, faculty development and training programmes, seminars, lectures,



visits, etc. organized during 2018-19. The endeavours undertaken for the promotion of research were also highlighted during the presentation. Dr. Bhargava also brought to the notice of the board the social outreach activities conducted by the NSS units, Rotaract Club and UBA Committee. Adding that funds play a key role in the development of an institution, Dr. Bhargava expressed gratitude to RUSA for the preparatory and infrastructure grants.



This was followed by glimpses of the journey of MCM RUSA so far by MCM RUSA Institutional Coordinator Mrs. Neena Sharma wherein she also provided an overview of the various programmes undertaken to ensure qualitative changes in the infrastructure and capacity building measures of the institution. Mrs. Sharma informed that to utilize the

preparatory grant optimally, various programmes like FDPs, workshops for development of research acumen and skills, industrial-cum-educational visits, remedial classes and UGC-NET coaching classes were conducted. About the utilization of infrastructure grant, she informed that 27 new washrooms have been constructed and renovation and refurbishing of existing infrastructure was also undertaken. Mrs. Sharma also shared information about the equipments and knowledge resources added including books in the library, digital lounge, and teaching aids for labs and classrooms.

Prof. R. K. Singla, Chairperson, Department of Computer Science and Applications, PU congratulated the college for implementing RUSA programmes in true letter and spirit. He suggested setting up of SWAYAM and SWAYAM Prabha labs, and implementation of a content management



system to make learning more relevant in this digital era. On the quality enhancement initiatives to be undertaken, he also advised the IQAC of the college to focus on more publications per faculty per year and to motivate more faculty members to enrol for Ph.D.

Stressing upon the importance of entrepreneurship, Prof. Suresh K. Chadha of UBS, PU advocated establishment of incubation centres. He also apprised the members of the bodies of the sources from where funding can be sought for promotion of entrepreneurship like SIDBI. In the area of research promotion,



Prof. Chadha said that collaborative research should be encouraged. Besides setting-up of smart classrooms, Prof. Chadha laid stress on the use of case studies, simulations, etc. to enhance student involvement. Speaking on skill development, Prof. Chadha said that the upcoming areas that need more focus are healthcare, retail, Artificial Intelligence and data analytics. He also advised for the procurement of Python and Arc softwares.

To prepare students as future leaders, Mr. Amarbir Singh, Member, CII Northern Regional Council and Managing Director, Indian Polymer Industries, Mohali, Punjab suggested that areas like skill development and enhancement of employability skills must be strengthened.



Prof. Sanjeev Kumar Sharma, University Institute of Applied Management and Sciences, Panjab University, asserted that the academic, co-curricular and social aspects of education have to be integrated for maximum benefit of the society at large. He suggested that MCM should become a hub for training the trainers. About promotion of sports, he advised creation of sports academies with grants from Sports Authority of India, Khelo India, etc. He also said that the faculty members should be motivated to develop MOOCs. Preparing students for competitive exams and provision of a tinkering lab for innovative ideas were some of his other valuable suggestions.



Prof. Ramakrishna Challa, Head, Department of Computer Science and Engineering, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh drew attention towards the need to focus on emerging areas like GPU based processing, cyber security, Internet of things, etc. He shared that courses on cyber security and such emerging areas should be started. He suggested that SCOPUS indexing for MCM research publication should also be considered.



Speaking about making efforts to enable integration of differently-abled students into the mainstream, journalist and documentarian Mr Daljit Ami put forth suggestions to increase the enrolment of such students. He added that various workshops for such stakeholders must be organized in the college in collaboration with NCC and NSS. He emphasized that the institution can broaden the perspective of the students and sensitize them about migrants and under-privileged sections of the society.



In a video message, Mr. Vivek Atray lauded the college for being one of the finest colleges in the region. Referring to RUSA as a path-breaking programme of the Government of India, he said that the funds under RUSA should be used to encourage research, and to promote creative thinking and leadership skills among students. He advised that experts must be involved to undertake intensive programmes aimed at holistic development of students.



Additional State Project Director, Rashtriya Uchchar Shiksha Abhiyan (RUSA), Chandigarh, Dr. Dalip Kumar congratulated the institution for successfully organizing and completing the various projects under the aegis of RUSA.



Delivering the formal vote of thanks, Mrs. Neena Sharma expressed her heartfelt gratitude to RUSA for facilitating capacity building programmes and infrastructural upgradation and asserted that the college remains committed towards adoption of best practices that ensure a brighter future for the students.

2- Day workshop on 'Aesthetics of Botany'
Organized by Department of Botany
28th – 29th January, 2020

A two day Rashtriya Uchchar Shiksha Abhiyan (RUSA) sponsored workshop cum lecture series on 'Aesthetics of Botany' culminated at Mehr Chand Mahajan DAV College for Women here today. Organized by the Botany Department of the college, the workshop witnessed enthusiastic participation of 40 students.

On the first day, Dr. Bharati Thakur and Dr. Puja Sharma, Assistant Professors cum Scientists, Dr. Y.S. Parmar University of Horticulture and Forestry (Dr.YSPUHF), Nauni, Solan delivered engaging lectures on lawn establishment and management, terrariums, bonsais, dry flower making, their preservation and uses, adding colour to landscapes and identification of landscape plants.



On the second day, Professor cum Scientist Dr. J.S.Wazir from Regional Horticultural Research and Training Station, Mashobra, Shimla, gave practical insight into the concepts of container gardening, plant propagation and house plants and their care during three comprehensive field learning sessions. Principal Dr. Nisha Bhargava lauded this initiative of the Botany Department to educate students about the praxis aspect of the discipline and equip them with requisite skills to outdo competition. She added that the pedagogy followed at MCM is a pragmatic amalgam of theoretical and practical aspects for holistic education.



Webinar on New Education Policy 2020

19th September 2020

With the aim of exploring the role of technology in higher education as envisioned in New Education Policy 2020, Mehr Chand Mahajan DAV College for Women organised a Rashtriya Uchcharat Shiksha Abhiyan (RUSA) sponsored national webinar on the topic 'Paradigm Shift in New Education Policy 2020: Role Of Technology in Higher Education Sector'. This webinar of immense relevance to the current situation was graced by Prof.K. Srinivas. Head, ICT and Project Management Unit, National Institute of Educational Planning and Administration (NIEPA), New Delhi as the Chief Guest and Dr. Dalip Kumar, Mission Coordinator, RUSA, Chandigarh as the Special Guest. Participants from across the country including all Northern States, Gujarat, Maharashtra, Rajasthan, Goa, Sikkim, Nagaland, Kerala, Tamil Nadu, Andhra Pradesh, Telangana and Tripura partook in the webinar.

The poster is for a RUSA-sponsored webinar. At the top, it identifies the host as Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh (U.T.), and features logos for the college and RUSA. The title of the webinar is 'Paradigm Shift in New Education Policy-2020: Role of Technology in Higher Education Sector'. The date and time are 19th September 2020 at 10:00 am. The Chief Guest & Resource Person is Prof. K. Srinivas, Head ICT & Project Management Unit, National Institute of Educational Planning and Administration (NIEPA), New Delhi. The Special Guest is Dr. Dalip Kumar, Mission Coordinator, Rashtriya Uchcharat Shiksha Abhiyan (RUSA), Chandigarh. An overview of the webinar is provided, stating that the National Education Policy - 2020 aims at restructuring and redesigning the academic edifice in the country. A registration link is provided at the bottom: <https://forms.gle/DFr72P2ifaBt6k9x5>. The poster also lists Ms. Neena Sharma as the Institutional Coordinator (RUSA) and Dr. Nisha Bhargava as the Convener & Principal.

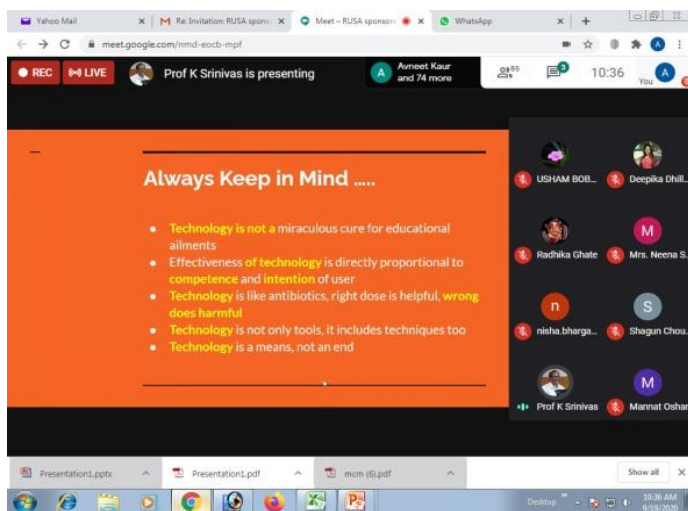


College Principal Dr. Nisha Bhargava, in her inaugural address, said that NEP 2020 is a comprehensive document that seeks to address the challenges faced in the education landscape of India and strives to ensure embracing the best of west while retaining the true essence of 'Bharat'. Speaking on the pertinence of

the webinar, Dr. Bhargava asserted that with COVID-19 thrusting upon the education sector online teaching as the only way of delivering education, the role of technology in education has garnered immense importance. She further added that currently India is facing challenges

on many fronts including the education sector and India's resilience will be instrumental in overcoming these challenges.

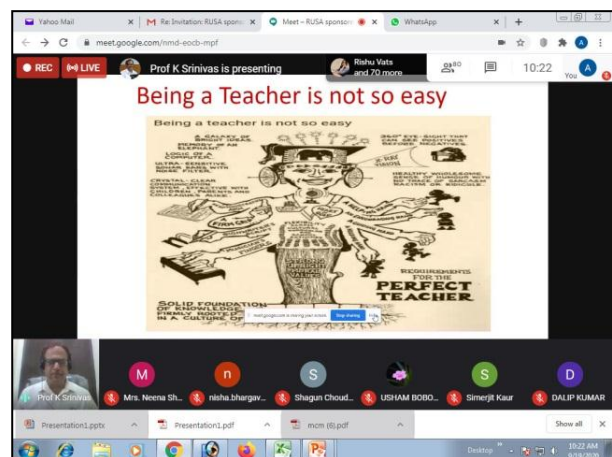
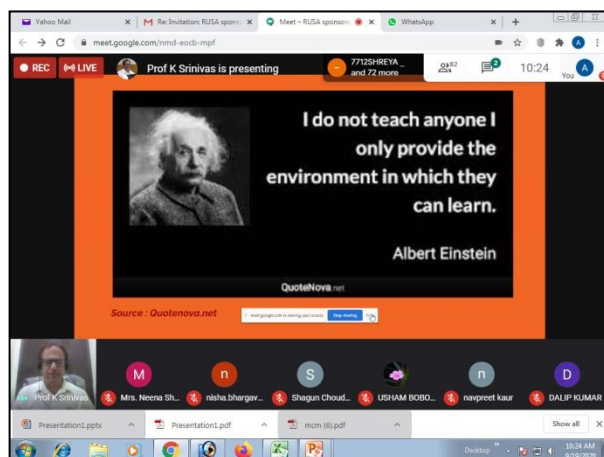
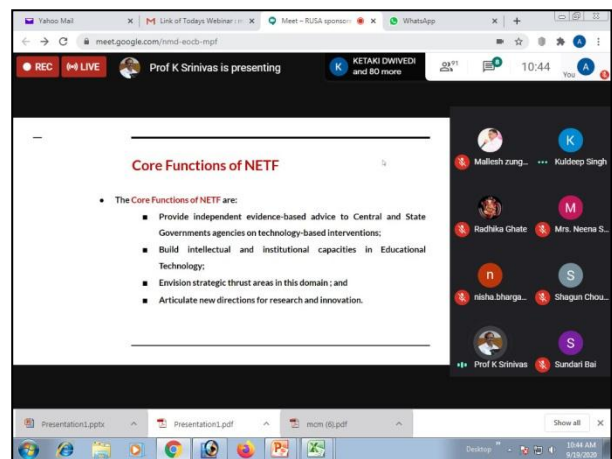
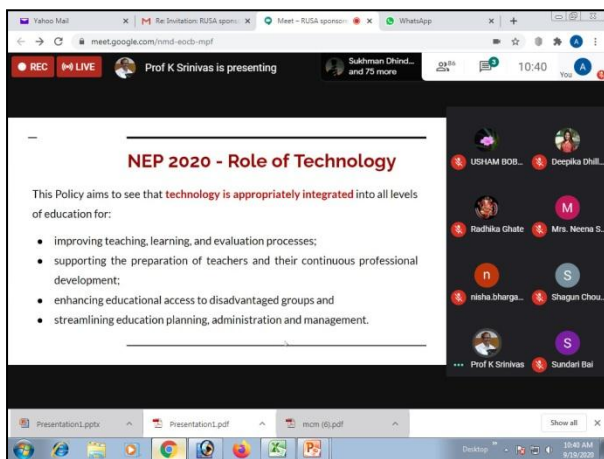
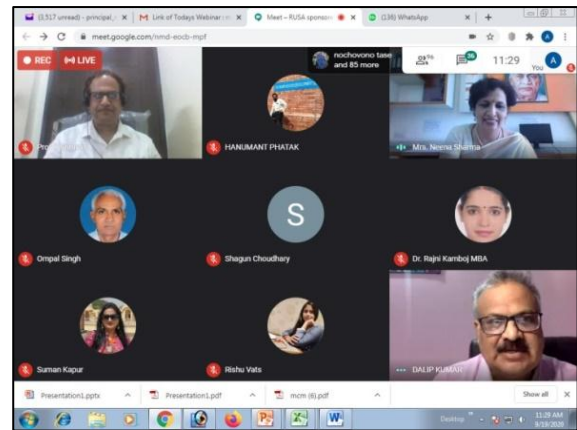
In his enlightening address, Prof. K. Srinivas stressed upon the need to look at technology from the practitioners' perspective as the teacher is the key element in the digital education process. Prof. Srinivas highlighted the nuances and challenges of migration from offline to online mode of teaching and asserted that technology is a facilitator while teachers are instrumental in providing an environment where learning can happen. As the teacher and taught grapple with the new norm of COVID enforced technology mediated teaching and learning, Prof. Srinivas pointed that issues like lack of training in pedagogy, instructional design, technology oriented learning outcomes and resources need to be resolved. Asserting that effectiveness of technology is directly proportional to the competence and intention of the user, the expert said that the teachers' competency needs to be built and they need to be provided enabling infrastructure for ensuring quality online education.



With respect to the NEP 2020, Prof. Srinivas said that it aims to increase online learning in schools as well as higher educational institutions, thereby creating more categories of educational access. Shedding light on operationalisation strategies and the relevant issues, Prof. Srinivas impressed upon the need to embrace change in order to remain relevant as

technology of online education and all digital initiatives have possibilities to revolutionise higher education.

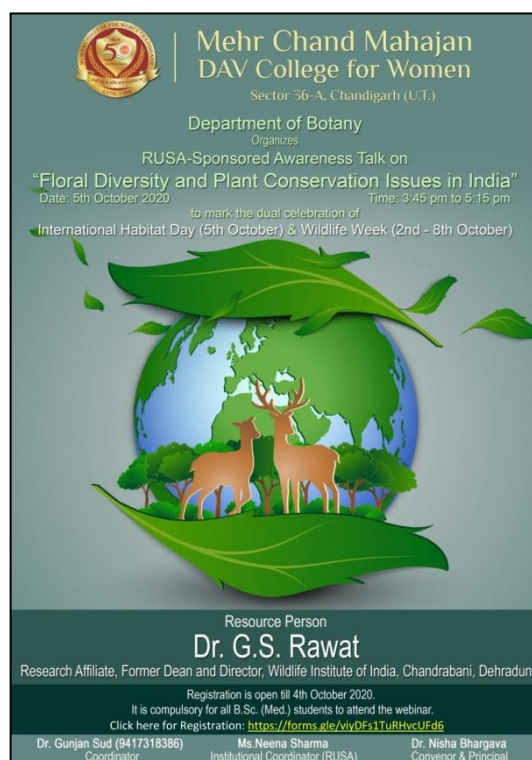
Dr. Dalip Kumar said that in the changing global scenario technology will be pivotal to ensuring equity, access and quality in higher education. He further stated that technological intervention has helped to cope with the disruption in academics brought about by COVID and stressed upon the need to strengthen the structure further for meeting unforeseen challenges. Advocating the integration of online learning, digital education and technology, Dr. Kumar highlighted the role of HRDC and NIEPA in laying out the module for developing resources and infrastructure for online education. The webinar was well received by the participants who put forth their interesting viewpoints and queries which were responded to by the experts.



Lecture on Floral Diversity and plant conservation

5th October 2020

The Department of Botany, Mehr Chand Mahajan DAV College for Women organised a Rashtriya Uchcharat Shiksha Abhiyan (RUSA) sponsored online awareness lecture on 'Floral Diversity and Plant Conservation Strategies in India'. The lecture was organised to mark the dual celebration of International Habitat Day and Wildlife Week. Eminent scientist Dr. Gopal Singh Rawat, Former Dean and Director, Wildlife Institute of India (WII), Chandrabani, Dehradun delivered this highly engrossing lecture. Over 109 participants including students and faculty attended the lecture. Principal Dr. Nisha Bhargava expressed gratitude to RUSA for



providing comprehensive support for infrastructure as well as human development. She also appreciated this initiative of Botany Department and asserted that the current pandemic situation has once again brought to the fore the need to conserve nature as it is crucial to save humanity from the onslaught of various challenges.

In his insightful lecture, Dr. Rawat gave a preview of the plant wealth of India, the major hotspots, threats related to existence of plants in the natural habitats and the conservation strategies which are being followed and further need to be adopted for protecting the biodiversity. He emphasised on the need for individual contribution towards creating a sustainable environment. He also apprised the students about the career opportunities in the field of conservation. RUSA Coordinator at MCM Mrs. Neena Sharma thanked Dr. Rawat for sensitising students about the pertinent cause of biodiversity conservation for a sustainable future.



Workshop on Floriculture for Entrepreneurship Development 16th October 2020

In an endeavour to promote entrepreneurial aptitude of students in the flourishing field of floriculture, the Department of Botany, Mehr Chand Mahajan DAV College for Women organised a one-day Rashtriya Uchcharat Shiksha Abhiyan (RUSA) sponsored online workshop on 'Floriculture for Entrepreneurship Development'. The aim of the workshop was to generate awareness among students about the bright prospects this promising industry possesses and to motivate them to be employment generators. The resource person for the workshop was Dr. Puja Sharma, Associate Professor cum Scientist, Department of Floriculture and Landscape Architecture, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan. 101 participants including students and faculty members took part in the workshop.

Mehr Chand Mahajan
DAV College for Women
Sector 36-A, Chandigarh (U.T.)

Dept of Botany and Add on Course in Floriculture and Landscaping
invites you all to participate in
RUSA sponsored start up workshop on
Floriculture for Entrepreneurship Development

Time: 11:00-12:30 AM Date: 16 October 2020

Dear Students,
Since the dawn of civilization flowers and ornamentals have been an integral part of our culture. Be it the aesthetics, expression of mood and emotions, ceremonies or elsewhere in industries like food, perfumery and medicine flowers and other plants have an important role to play. To meet their increasing demand in the market special importance has been given to this sector which has generated huge profits and employment.

Students are to register from their G Suite IDs through the link <https://forms.gle/92rzq9AHZf5SjuDv6>

- The link will be open till 7:00 AM on 16.10.2020. • A link for the meet will be sent only to the registered candidates. • All participants will be provided E-Certificates. • Students attending the workshop will be given attendance for their lectures during that duration. • Attendance will be provided to the participants only after the feedback form for the webinar is filled by them. • All participants are to log in at 10:50 AM. • Compulsory for BSc (Medical) 1st year students.

Resource Person
Dr. Puja Sharma
Associate Professor cum Scientist,
Dept of Floriculture & Landscape Architecture, College of Horticulture
Dr. YSP University of Horticulture & Forestry, Nauni, Solan (H.P.)

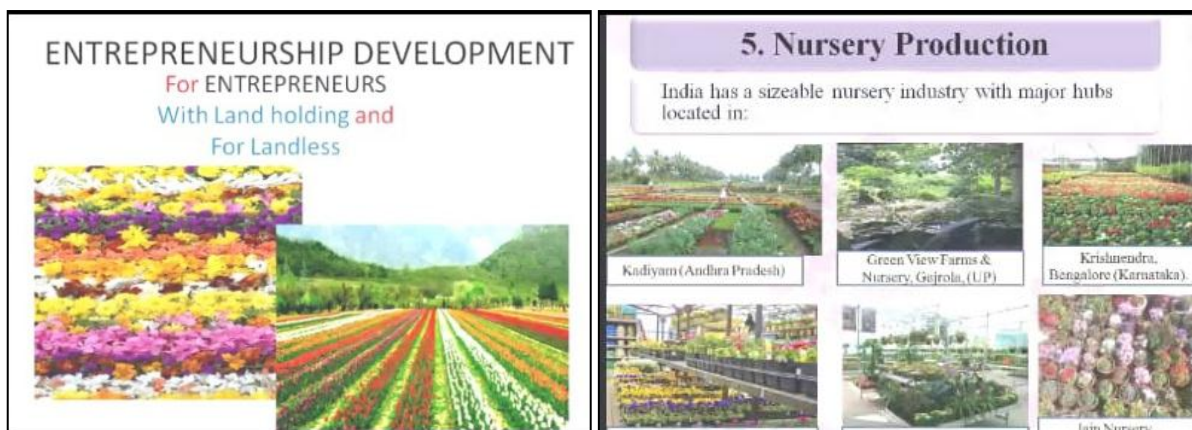
Dr. Gunjan Sud Mrs. Neena Sharma Dr. Nisha Bhargava
Coordinator RUSA Institutional Coordinator Convenor & Principal

Dr. Puja Sharma gave an enlightening talk on different aspects of floriculture. She explained how both landless people and the ones with large land holdings can avail the different opportunities provided by this field. Besides providing an insight into the cut flower cultivation industry, Dr. Sharma also discussed about the other related fields like seed production, loose flower industry, setting up of green houses, propagation of greens, decoration and garland industry, dry flower industry, pot and basket making industry. Dr. Puja also provided interesting information on certain by-products such as the xanthophyll extract from the marigold flower which is being fed to the chicks for developing colour of the yolk.



Dr. Nisha Bhargava, Principal of the college appreciated this initiative to sow the seeds of entrepreneurial spirit and encouraged the students to take up skill development courses such as add-on course in Floriculture and Landscaping which is being run by the college. Stressing upon the relevance of such workshops in furthering the idea of 'Atmanirbhar Bharat', Dr. Bhargava said that floriculture is a fast developing industry that holds immense potential to provide employment to millions of people, both skilled and unskilled.

RUSA Institutional Coordinator at MCM Mrs. Neena Sharma expressed gratitude to the expert for enlightening the students about the opportunities in this sunrise industry.



Discourse on 'Disability and Positivity in Life' 3rd December 2020

To mark the International Day of Persons with Disabilities, Mehr Chand Mahajan DAV College for Women organised an online activity under the aegis of its NSS units. In a Rashtriya Uchcharat Shiksha Abhiyan (RUSA) sponsored awareness programme, the NSS units of the college held a discourse on 'Disability and Positivity in Life' by Sh. J. S. Jayara, Principal, Institute for the Blind, Chandigarh. In his inspiring address, Sh. Jayara impressed that disability is not a curse, but a challenge that can be overcome by adopting a positive attitude. Stressing upon the need for sensitisation programmes to bring about attitudinal change towards disabilities, Sh. Jayara


said that in order to bring PWDs into the mainstream, it is important to make quality education accessible to them for a conducive environment that enables enhancement of their capabilities and capacity building.

Principal Dr. Nisha Bhargava asserted that the purpose of celebrating this day is to raise awareness about disability related issues and to sensitise our stakeholders to provide support and facilitate the mobility, dignity and well being of specially abled persons. Citing the example of Ms. Pratishta

Devesher, Motivational Speaker from Oxford University, who defied all odds and became the first specially abled Indian to reach Oxford University, Dr. Bhargava said that her success story emphasises the fact that disabilities can't prevent a person from succeeding if he/she has a strong will and makes focused efforts to achieve his/her goal. Dr. Bhargava motivated the students to pledge to awaken their mind power and to make this world a better place to live for everyone including the specially abled people.



The poster features logos at the top for the 50th anniversary of India's independence, the Rashtriya Uchcharat Shiksha Abhiyan (RUSA), and the DAV Group of Institutions. The text reads: 'Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh (U.T.)', 'RUSA-Sponsored Awareness Programme', 'Disability and Positivity in Life', 'on the occasion of International Day of Persons with Disabilities organized by NSS UNITS'. A central graphic shows two hands holding a heart with a silhouette of a person with a cane. Below this, the date is '3 December 2020' and the time is '9:30 am to 10:30 am'. A circular portrait of Sh. J. S. Jayara is shown with the text: 'Special Guest Sh. J. S. Jayara, Principal, Institute For the Blind, Chandigarh'. At the bottom, it says 'Click here to join meeting : <https://meet.google.com/tva-icth-gho>' and lists the organizers: 'Dr. Pallvi Rani, Dr. Purnima Bhandari, NSS Programme Officers', 'Ms. Neena Sharma, Institutional Coordinator (RUSA)', and 'Dr. Nisha Bhargava, Convener & Principal'.



The screenshot shows a Zoom meeting interface. The main window displays the event poster from the previous block. The meeting title is 'Dr.Purnima Bhandari is presenting'. The top right shows the time as 9:39 AM and the number of participants as 99/101. On the right side, there is a vertical list of participants: Nisha Bhargava, Pallvi Rani, Mrs. Neena Shan, and J.S. Jayara.

**Infrastructural upgradation under the aegis of RUSA
2018-19
New Construction : A Step towards Swachh Bharat**



RUSA Infrastructure Grant of Rs 1.5 Cr has facilitated the infrastructural growth of the institution. In view of the rising student enrolment in the past few years, there was a dire need to add to the existing number of washrooms and support units in the college. Timely release of the RUSA Infrastructure Grant helped us undertake the construction of 27 new washrooms, including three washrooms, exclusively for Divyang users. Two projects were undertaken to meet the requirements of the students and staff.

- Construction of 15 New Washrooms in Block D (Ground Floor) was completed this year. This block comprised Four washrooms for the female faculty and 10 for the students. One washroom was constructed to accommodate Divyang users.
- Another project i.e. construction of 12 New Washrooms in Block D (First and Second Floors) under the aegis of RUSA was completed. As the college has a ramp and a lift to facilitate the unhindered movement of Divyang stakeholders, one washroom on each floor was constructed to enable the differently-abled users.

Renovation and Refurbishment

Renovation and refurbishment of the existing resources was aimed at bringing about qualitative changes so as to meet the changing needs of the stakeholders and the society at large.

Sustainable Growth through Rainwater Harvesting System



With the growth in population and changes in our climate, we all need to be more responsible when it comes to how much water we use. **Rainwater harvesting** is now being reinvented for many new buildings with the robust guidelines for sustainable living. Our institution is committed to sustainable growth and protection of the ecosystem. Therefore, a Rainwater Harvesting System was duly installed to channelise the rainwater accumulation in four blocks of the college hostel. Construction of RWHS, RCC Tank cum Injection Well, drilling of the Tubewell up to depth of 100M BGL and construction of Rainwater Chamber along with main chambers was completed to replenish the ground water.

Water Boosting System in A & B Blocks of the college Hostel



In order to meet the needs of the hostel students, a Water Boosting System has been installed in A & B Blocks. An Underground Water Reservoir of 10000 gallon capacity has been constructed with RCC Walls of 9 inches thickness, doubly reinforced. 3 Horse Power single phase submersible motor pump, having 32mm dia suction has been installed for boosting up the level of water with the help of 750 ft distribution pipe. This system under the aegis of RUSA has proved to be a valuable addition as the students do not face water scarcity even when the Water supply in the city is low. The institution's vision of providing 'Quality education in quality ambience' stands reiterated as the stakeholders have expressed huge appreciation for this initiative.



Renovation of Chemistry Laboratory

Renovation of the Chemistry Laboratory , initiated under the aegis of RUSA has been completed. Apart from the RCC work, Gas pipes and work stations for students with the latest equipment were installed for smooth functioning.



Renovation of Washrooms

Renovation of the Staff- washrooms in College campus (Block D) has been completed out of RUSA Infrastructure Grant. The existing structure was altered considerably in order to cater to the increased number of support staff members.



Equipment and Knowledge Resources

The funding provided by RUSA has given impetus to the infrastructural improvement of the institution so as to attain higher levels of access, equity and excellence. It has further accelerated not only efficiency but also exponential advancement in classroom teaching.

In our pursuit for excellence, consistent strides have been taken to update our resources:

- Large Format Display was installed in the Conference Room.
- Computers were procured out of RUSA Grant for setting up a Digital Lounge in the hostel.
- More Computers were procured for smooth functioning of the academic and administrative work.
- Interactive Boards as Pedagogical Aids to facilitate teaching-learning environment.





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Sector 36-A, Chandigarh

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