

Campus Reporter

a quarterly E-Newsletter

January-March 2021
Issue 2



**GOSWAMI GANESH DUTTA
SANATAN DHARMA COLLEGE**

SECTOR 32-C, CHANDIGARH -160 030

INDUSTRY INSTITUTE INTERFACE

Industry Lecture cum Interaction Programme on "Retailing and Logistics during the Pandemic and Future Prospects" was organized on 13 February for the students of B.Voc. (Retail Management and Logistics Management). **Mr Vinod Dhingra**, Manager (HR), Future Retail Limited (Big Bazaar) was the resource person for the lecture.[Press Release link-<http://www.buzzingchandigarh.com/2021/02/ggdsc-college-chandigarh-conducts.html>]

Institution Innovation Council and Department of Biotechnology organised a **Motivational Session** by Successful Entrepreneur Mr Rupinder Singh, Startup Founder, BioHouse Solutions Pvt. Ltd. Head on 8 January.[<https://www.youtube.com/watch?v=SwYzdNMgjfM&t=459s>]

Resource Person/Keynote Speaker

Dr. Supriya Vaid was invited as a resource person to deliver a talk on the topic "**Weed Management**" to the candidates of the Vocational Training Programme, Agri-Clinic and Agri-Business Centre in Regional Institute of Co-operative Management, Chandigarh on 5February.

Dr. Sargam Wasu was invited as a resource person to deliver a lecture on the occasion of "National Mathematics Day Celebration" on 19 February at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib.

Dr. Neelu Mahajan delivered a talk titled "**Neutrinos: Dirac or Majorana**" in the International (ONLINE) Workshop on "**Emerging trends in High Energy and Condensed Matter Physics**" organized by GDC,

Budgam, Kashmir, J&K, India on 11-12 January.

Faculty as Reviewer

Dr. Himani Mittal served as a reviewer in Prestigious International Journal of **Applied Artificial Intelligence**, Taylor and Francis. She reviewed a paper titled, 'Influence of bi-Alkali Metals Doping over Al₁₂N₁₂ Nanocage on Stability and Optoelectronic Properties: A DFT Investigation' (Manuscript Number: RPC-D-20-00097) for Journal Radiation Physics and Chemistry.

Academic Excellence

Ms Gaganpreet Walia was awarded the **Indo Asian Aldous Leonard Innovative Researcher award 2021**.

Ms Ritika Sinha was approved as a **Life Member, Linguistic Society of India** on 13 February.

Dr Gagandeep Singh was awarded **PhD Degree** on the Title "Himalayan Hazardscape: A case of Upper Mandakini River Basin" by the Department of Geography, Panjab University.

Academic Collaboration

The Department of Biotechnology of the college in collaboration with the Department of Biotechnology, Panjab University, Chandigarh organised webinar on "**Contributions and Expectations from Emerging Technologies for the Welfare of Society in the Contemporary Times**" under the aegis of Chandigarh Forum for Science and Technology Communication (CFSTC) on 7 February

(<https://www.youtube.com/watch?v=pVKAV5po4VM>)

RESEARCH AND INNOVATION

Dr. Devi Singh published two books titled, "लोकज्ञानामृतम " (ISBN 9789391236052) and "शोध-सन्देह " (ISBN 9789391236458) by an International publisher .

Dr. Amit Goyal, published two research papers titled "Phase modulated domain walls and dark solitons for surface gravity waves", *Phys. Lett. A* 395 (2021)127227 and "Chirped nonlinear resonant states in femtosecond fiber optics", *Optik* 227 (2021) 166094.

Dr. Kriti Sharma published two research papers titled, "Characterization of Nanostructured Nickel Cobalt Oxide-Polyvinyl Alcohol Composite Films for Supercapacitor Application" in Journal of Alloys & Compounds 872 (2021) 159409 and "Enhanced Supercapacitive performance of reduced graphene oxide by incorporating NiCO₂O₄ quantum dots using aqueous electrolyte" in Journal of Electrochemical Acta 381 (2021) 138235.

Dr. Pooja Mohan published a paper titled "Artificial Intelligence techniques for living assistance for elders and disabled persons" in Wesleyan Journal of Research, 13(66), March 2021, ISSN: 0975-1386, pp. 20-28

Dhawan, S. (2021) published a research paper titled, "Purification of a Thermostable β -mannanase from *Paenibacillus thiaminolyticus* – Characterization and its Potential Use as a Detergent Additive" in *J Pure*

Appl Microbiol. 2021;15(1):368-381. <https://doi.org/10.22207/JPAM.15.1.31>

Anuprabha and Promila Pathak published a paper titled "Micropropagation of *Coelogyne fimbriata* Lindl. using pseudobulb explants" in *J. Orchid Soc. India.* 34: 1-9. ISSN – 0971-5371.

Ms Ritika Sinha published a paper titled, "Teaching English to ESL young learners: the use of activity-based learning as a teaching strategy" published in *Elementary Education Online*, Volume 20, Issue 4, 2021, ISSN No. 1305-3515.

Ayushi Jain, Aashima Sharma, Abhinav Kapur, Shweta Wadhawan, Mayank Garg, Satish Kumar Pandey, Suman Singh & Surinder Kumar Mehta published a research paper titled, "Hematite dysprosium oxide nanocomposites biosynthesized via greener route for ciprofloxacin removal and antimicrobial activity" in *Journal of Nanostructure in Chemistry.*

Ayushi Jain, Aashima Sharma, Shweta Wadhawan, Palak Gupta, S.K. Mehta published a research paper titled, "Biosynthesis driven dysprosium oxide nanoparticles as a sensor for picric acid" in *Current Research in Green and Sustainable Chemistry.*

Ayushi Jain, Shweta Wadhawan, S.K. Mehta published a research paper titled, "Biogenic synthesis of non-toxic iron oxide NPs via *Syzygium romaticum* for the removal of methylene blue" in *Environmental Nanotechnology, Monitoring & Management.*

Ayushi Jain, Shweta Wadhawan, Vineet Kumar, Surinder Kumar Mehta published a book chapter titled **"Functionalized Nanomaterials for Remediation and Environmental Applications"** in Functionalized Nanomaterials II, 1st Edition, 2021, CRC Press, eBook.

Gurjaspreet Singh, Pawan, Akshpreet Singh, Shilpy, Diksha, Suman, **Geetika Sharma**, Subash Chandra Sahoo, and Amarjit Kaur published a research paper titled, **"Propargyl-functionalized single arm allied Anthracene based Schiff bases: Crystal structure, solvatochromism and selective recognition of Fe³⁺ ion"** in Journal of Molecular Structure.

Nitin Gupta, Shashi Bahl, Ashok Kumar Bagha, **Supriya Vaid**, Mohd Javaid, and Abid Haleem, 2021 published a paper titled, **"Nanomedicine Technology and COVID-19 Outbreak: Applications and Challenges"** in the Journal of Industrial Integration and Management, Vol. 6(2): 161-174, Scopus indexed journal, ISSN 2424-8630. DOI: 10:1142/S2424862221500123

Ms. Pawanpreet Kaur and Dr. Smita Sharma published a research paper titled **"Human Capital and Economic Growth in South Asia"** in an edited book - **Sustainable Development and Its Challenges in Developing Countries**, ISBN: 978-81-950252-0-6.

Paper Presentation:

Ms Gaganpreet Walia presented a paper at the International Conference on Feminism, Culture, Language and Technology Impact 2021 organised by IMRF institute of higher education and research, Vijaywada, AP on 29-30 January.

Dr. Anuprabha presented a poster titled **"Asymbiotic seed germination and regeneration potential of Dendrobium aphyllum a study in vitro"** at the National Conference cum Workshop on "Interdisciplinary Approaches to Taxonomy, Conservation and Economic Utilization of Floriculturally and Medicinally Important Orchids" organised by TOSI and BSI, Kolkata in collaboration with NEHU, Shillong at Botanical Survey of India (BSI), Eastern Regional Centre, Woodlands, Laitumkhrah, Shillong, Meghalaya from 5-7 March.

Dr Kulwinder Kaur presented a paper "सांगीतिकशास्त्रोमेनाटाशस्त्र" in a UGC sponsored international webinar on "Utility of Studying Musicological Texts in India" organised by Department of Musicology, Rabindra Bharati University in collaboration with Muktabhoda: Centre for Indological Studies and Research on 30 March.

Ms Aakriti presented a research paper titled, **"Attitude and Behavior Towards E-Books: An Empirical Evidence from India"** at ADMAA Virtual International Research Conference: Managing Organizations during Pandemics and VUCA World organized by Amity University, Noida from 17- 19 February.

FACULTY ENRICHMENT AND CAREER ADVANCEMENT

Orientation Session on “National Education Policy with Focus on Innovation and Entrepreneurship” was organized by Institution Innovation Council and Department of Biotechnology on 9 January.

<https://www.youtube.com/watch?v=Z9bzY9Xi1SA>

IQAC interactions with various stakeholders:

- Orientation session for staff on 12 January

- Department of Humanities on 30 January

On the occasion of International Women's Day a virtual interactive session on **“Women Empowerment and Calm in Crisis”** was organized by the Internal Quality Assurance Cell in collaboration with the Department of Hindi. Divine sisters **B.K Anita and B.K Preeti** were the guest speakers.

<https://www.youtube.com/watch?v=zqxJeC2qaUw>

ADVANCING PEDAGOGICAL SKILLS

Dr Gagandeep Singh and Dr. Ram Niwas attended an online **Faculty Orientation Course** from 11 January to 9 February organized by Teaching Learning Centre, Ramanujan College, Delhi University.

Dr Anupriya Bharadwaj, Dr. Jyoti Kataria, Dr. Sanjeev Kumar, Dr. Moirangthem Pramod, Dr. Monika Soni, Dr. Payal, Ms. Preeti Vohra, Dr. Savita Sindhu, Dr. Shikha Gupta, Dr. Supriya Vaidand Dr. Neelu Mahajan attended a **Refresher Course in Environmental Studies** organized by UGC-HRDC, Panjab University, Chandigarh from 24 December 2020 to 6 January 2021.

Dr. Neha Dhiman attended the **AICTE-ISTE Refresher Course in Chemistry** organized by A.V.C. College of Engineering, Mayiladuthurai, Tamil Nadu held from 8 to 13 February.

Dr. Kriti Sharma attended two-week Interdisciplinary Refresher Course/Faculty Development Programme in **“Advanced Research Methodology Tools and**

Techniques” from 30 January to 14 February organized by Teaching Learning Centre, Ramanujan College, University Of Delhi under the Aegis Of Ministry Of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

Dr. Himani Mittal attended a **Refresher Course in Research Methodology (All Sciences)** from 13 to 26 February organised by HRDC, Panjab University.

Dr Mahak Sharma attended **Refresher Course in “Mathematics and Statistics”** from 15 January to 28 January 2021 organized by UGC- HRDC, Panjab university, Chandigarh

Dr Shallu Sharma attended an online **Refresher Course in “India Studies-Thinking Through India: Debating the Legacy of Intellectual Traditions of India and Contemporary Challenges”** (Interdisciplinary) organized by UGC-HRDC, Panjab University from 9 to 22 February.

Dr Tarundeep Kaur attended a winter school organised by UGC- HRDC Centre, Guwahati University on “**Science- Technology, Education-Research and Yoga, Meditation, Stress Management**” from 20 January to 2 February.

Dr. Shweta Wadhawan attended one week online FDP on “**Enhancing the quality of Chemistry Education in India**” organised by Guru Angad Dev Teaching and learning centre, SGTB Khalsa College, University of Delhi from 25 February to 3 March. She also attended a one week online **Short time course** on “**Latex- A Document System**” at UGC-JRD centre, G.N.D.U, Amritsar from 19-25 March.

Dr. Neha Dhiman attended the AICTE sponsored FDP-STTP on “**Science and Technology of Advanced Material (STAM-2021)**” held at NIT, Arunachal Pradesh from 22-26 February, 2021. She completed another AICTE sponsored one week STTP (Part-II) on “**The Pedagogic for Effective Teaching Learning Through Outcome Based Education (OBE)**” organized by Anjuman College of Engineering and Technology, Sadar Nagpur from 1-6 March. She also attended one week online FDP on “**Essential Skills and Technologies for Quality Research**” organized by Library and Information Center, P. E. S. College of Engineering, Mandya, Karnataka during 30 March to 3 April.

Ms. Jyoti Joshi attended one week FDP under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) on “**Academic Writing**” from 18-24 February organised by Teaching Learning Centre, Ramanujan College, University of Delhi.

Dr. Neelu Mahajan attended five days FDP on “**Design of Experiments using Taguchi Technique**” at Regional College for Education Research & Technology, Jaipur from 26 -30 January. She attended another one week Interdisciplinary (Online) FDP on “**Hypothesis Testing and Techniques for Data Analysis**” organized by the Department of Commerce, Shivaji College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College from 5-11 March.

Ms Gaganpreet Walia attended FDP on “**Creative thinking**” from 16-20 March organised by ICT Academy.

Ms Pawanpreet Kaur participated in a seven day FDP on “**Data Analysis and Interpretation using SPSS**” organized by St. Claret College, Bengaluru from 1 March.

Dr. Monika Khindri and Dr Shallu Sharma attended National FDP on “**Research Methodology**” organised by Government College For Girls, Ludhiana, Internal Quality Assurance Cell from 15-20 March

Dr Shallu Sharma also attended an online live 15 Hours FDP on “**Fundamentals of AI & ML**” conducted by ICT Academy from 10-14 May. She attended another online seven day FDP on “**Research Methodology**” organized by the Department of Management with IQAC, SD College, Hoshiarpur from 6-12 June.

Dr. Sanjeev Kumar and Dr. Kriti Sharma participated in a one week **Short Term Course on “Novel Multifunctional Materials**” sponsored by TEQIP-III and organized by the Department of Applied Sciences, Punjab Engineering College (Deemed to be University),

Chandigarh from 11-16 January.

Dr Jasveen Dua participated in a **Short Term course on "NEP-2020 & NAAC Accreditation"** organized by UGC-HRDC, Gauhati University, Guwahati on 19 March.

Dr Himani Mittal attended **MOOC course** on Music Theory 1,2 and 3, from <http://www.udemy.com>, a 12.5 hours video course on 14 February.

Dr Samriti Dhawan attended a **virtual ten lecture course on "Vaccine Production: Basics, Pitfalls and Troubleshooting"** from 15 January to 5 February, organized by Pune Knowledge Cluster (PKC) in partnership with Serum Institute of India Pvt. Ltd.

Ms Gayatri Anand completed the **CELTA course** conducted by Cambridge Assessment English in March 2021.

WEBINARS/WORKSHOPS AND CONFERENCES ATTENDED

Dr. Jasamrit Nayyar and Dr. Neha Dhiman participated in **One Day Online National Workshop** entitled "**ICT Tools For Chemistry Teachers**" 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 (PMMMNMTT) of Ministry of Education on 22 February. **Dr. Neha Dhiman** participated in a national e-workshop on "**Hand-On Practice on Different Tools Used in Chemistry**" organized by Shri Rajendra Suri Govt. College, Sardarpur-Rajgarh, Dhar, Madhya Pradesh under the aegis of MPHEQIP (World Bank Project) and IQAC Cell on 8 March. She participated in the **International Webinar Lecture Series on "Emerging Trends in Chemical Sciences"** conducted by PG Department of Chemistry, Vijaya College, RV Road, Basavanagudi, Bangalore on 28-29 January and also in the **National Webinar on "Functional Materials"** organised by Society for Promotion of Material Science, Nagpur and Jagat arts, Comm. & I. H. P. Science College, Goregaon on 21 February. She attended the "**Learn from a Cell Press Editor. How to**

publish in and optimize resources for ground breaking journals" by Dr. S.W. Cranford at Elsevier on 25 February. She also participated in the **International Webinar on "Innovation in Science & Technology"** organised by the Department of Chemistry, Smt. Narsamma Arts, Commerce and Science College in association with Chemistry Teachers (ACT), Mumbai on 29 February. She further participated in **International Webinar on "Sustainable Chemistry IWSC-2021"** organised by Association of Chemistry Teachers (ACT), C/O Homi Bhabha Centre for Science Education (TIFR) Mumbai on 18 March.

Dr. Amit Goyal, Dr. Kriti Sharma and Dr. Neelu Mahajan participated in One Day Workshop on "**National Education Policy-2020: Opportunities in Research and Innovation**" organized by School of Physical Sciences, Jawaharlal Nehru University, New Delhi on 31 March.

Dr. Vikram Sagar participated in an online workshop on "**Trends in Physics and Future Prospects 2021**" organized by Indian Institute of Technology, JAMMU from 11-13 January. He also participated in an **online**

workshop on **"Integration of Animation in Teaching-Learning"** organized by Faculty of Education, Dayalbagh Educational Institute (Deemed to be University) Dayalbagh, Agra on 28 and 29 January. He participated in the **Faculty Enrichment Webinar for Physics Teachers in Higher Education** organized by National Resource Center for Education of this Institute on 12 March at NIEPA, New Delhi.

Dr. Michael Durairaj participated in an International Conference on **Metabolic Disease Swasthya Conference** from 5-10 January, organised by All India institute of Diabetes and Research. He also participated in **Foundations of coaching success** from 26 to 28 February, organised by The Coaching institute - Australia.

Dr. Shivani Ghai participated in the **National Education Conclave on "Reimagining University Education with a Heart-centered Approach"**, organized by Heartfulness Education Trust on **12 and 13 January**. She attended a Talk on ICGEB: "A Premier Research Institute of the Country" organized by ICGEB International Centre for Genetic Engineering and Biotechnology on 15 March.

Dr. Samriti Dhawan attended an **online workshop on "Science, Technology and Innovation Policy for Transformative Change"** organised by Science Policy research Unit, University of Sussex, UK (SPRU) & Department of Science and Technology - Centres for Policy research (DST CPRs) on 18 and 19 February.

Dr. Jasveen Dua attended NAAC sponsored one day **Online National Conference on "Quality Enhancement in HEIs and Evaluation with RAF of NAAC"** organised by Internal Quality Assurance Cell, Sanatan Dharma College, Ambala Cantt. on 3 February. **Dr. Jasveen Dua**

also attended a **webinar** organized by NAAC, Bengaluru on 19 February.

Dr. Jasveen Dua and **Dr. Anuprabha** attended **webinar on "Feeding & fueling the future Climate Resilient Crops for Enhanced Production of Food and Fuels"** organized under EDU- KUBOT 6.0 (Web Series-cum-Training Programme) Department of Botany, Kurukshetra University on 1 March.

Dr. Monika Khindri participated in the **National Workshop on "Evaluation And Assessment in Teaching Learning Process"** conducted by University Institute of Teachers Training And Research, Chandigarh University on 23-24 January. She participated as a Delegate in two days **IMUN Online Conference 49.0**, on 20 and 21 March. She attended One Day **International E-Conference on "Queens of Era-2021"** organized by G.S. Tompe Arts, Commerce & Science College, Amravati, Maharashtra on 23 March. She also attended online seminar and Kavi Darbar on **"Shaheed Bhagat Singh Rajguru and Sukhdev de Sufniyan Da Bharat"** organized by Youth Welfare Organisation, Panjab University Chandigarh, Satish Chandar Pawan Govt, College Ludhiana and Punjab Commerce Management Association on 23rd March.

Dr. Monika Khindri attended **Thirteen National Level Webinars: Three day National Webinar on "Introductory Data Analysis Using PSPP"** organized by Rajagiri College of Management & Applied Sciences, Kakkanad, Cochin, Kerala from 28 to 30 January; National Level Webinar on **"Scaling the IOT with Edge Computing Blockchain And Industry 4.0"** organized by Dr. M.G.R Educational And Research Institute, Department of Computer Science, Chennai, Tamil Nadu

on 25 February; **Research Orientation Webinar Series (Rows 2021)** organized by Research Committee , Government College Tripunithura, Mekkara, Ernakulam, Kerala which included National Webinar on **"Inculcating Research Culture"** on 15 March, National Webinar on **"Problem Formulation In Research"** on 16 March; National Webinar on **"Setting Smart Objectives In Research"** on 18 March; National Webinar on **"Research Designs"** on 19 March; National Webinar on **"Measurement & Scaling"** on 22 March; National Webinar on **"Sampling For Survey Research"** on 23 March; National Webinar on **"Contemporary Research in Political Science"** on 24 March; National Webinar on **"Rituals as an Ideology: Reflections on Theyyaattam"** on 25 March; National Webinar on **"Basics of research Methodology on English Literature"** on 26 March; National Webinar on **"Contemporary Research in History"** on 30 March. She attended another National Level webinar on **"Strategy of Managing Personal Finance"**, organized by Wellness Gurukul Academy in association with Association of Mutual Funds In India on 26 March.

Dr Monika Khindri and Ms Menka attended International Webinar on "ਔਰਤਦੀਸਥਿਤੀਕੱਲ੍ਹ, ਅੱਜਅਤੇਭਲਕ" organized by Department of Punjabi and Women Cell, S.D. College, Hoshiarpur in collaboration with IQAC on 15 March.

Ms Menka attended an Online Event on **"Celebrating the Infinite Indomitable Spirit"** on 8 March, International Women's Day, organized by Panjab University Alumni Association, Panjab University, Chandigarh.

Dr Sumita Sikka attended a webinar titled, **"Art of**

Fashion Merchandising" on 6 January.

Ms Gaganpreet Walia, Ms Ritika Sinha, Mr Akhil US attended **two RUSA sponsored Online Workshop cum Awareness Programmes** organized by Mehr Chand Mahajan DAV College for Women, Chandigarh, one on **"Ethics and Plagiarism"** on 7 January and another on **"Open Educational Resources"** on 22 January.

Ms Gaganpreet Walia participated in a **RUSA sponsored Online National Workshop cum Awareness Programme** on **"Character building through education with special reference to national education policy-2020"** on 25 February, jointly organised by MCM DAV & Vidarbha College of Arts, Commerce and Science, Jiwati, (M.S.)

Ms Ritika Sinha participated in **NAAC Sponsored One day online National Seminar on "Challenges in Revised NAAC Assessment and Accreditation Framework"** organised by IQAC of Marudhar Kesari Jain College for Women, Tamil Nadu on 13 February. She attended an online **lecture** by Dr. Scott Masson, Associate Professor of English Literature, Tyndale University, Toronto, Canada at the **"International Webinar Series: Keats Bicentennial Lecture"** organised by The Postgraduate Department of English, Alphonsa College, Pala, Kerala on 23 February. She participated in the **National Online Seminar on "Innovative Techniques in Ad Film Making to Promote Products"** organised by Department of Visual Communication, Sathyabama Institute of Science and Technology (Deemed to be University), Chennai on 27 February. She participated in **Litscape: A National-level Online Quiz on "Marathi and Gujarati Writers"** organised by MCM DAV College for Women, Chandigarh, Department

of English under the aegis of *Ek Bharat Shreshtha Bharat Club* on 28 February. She attended the following **webinars**: TEDx Gateway Webinar on **"How to crack the three Equations of Happiness"** by Prof. Arthur Brooks (Harvard Business School) on 13 February; Webinar by **Cambridge Assessment English** on **"Introducing new Teacher Guides supporting learners with dyslexia"** on 18 February; International webinar on **"Redefining Instructional Techniques and Learning Strategies: Challenges and Opportunities"** organized by Department of English, Faculty of Humanities and Science, Chennai on 26 February; Webinar on **"The Art of Business English in Multilingual India"** organised by school of communication, ASBM University Bhubaneswar, Odisha on 27 February; **"Witching Hour Webinar on Gothic and Fantasy Literature: Ghosts, Ghouls, Witches and Wizards"** organised by department of English (DESNU), Sister Nivedita University (SNU), Kolkata on 27 February from 10 PM to 1 AM; International webinar on **"Impactful Content Writing and Image"** by Malaysia Productivity Corporation on 3 March; Webinar on **"Literature and Cinema: Novel Nuances"** organised by School of English, De Paul Institute of Science and Technology, Kerala on 20 March.

Ms Ritika Sinha and **Mr Akhil US** participated in a RUSA sponsored Online Workshop-cum-Awareness Programme on **"The Art of Communication: How Not To Communicate"** on 18 February, organised by the Young communicators club of Mehr Chand Mahajan DAV College for Women, Chandigarh. They also attended the **National Seminar on "Communication in Virtual Environment for Socio-Emotional Learning"** on 26-27 March, organised by Centre for Academic

Leadership & Education Management (CALEM) Department of Education, Panjab University, Chandigarh under the aegis of PMMMNMTT, Ministry of Education, Govt. of India in collaboration with Swayam Cell, Panjab University, Chandigarh.

Dr Tarundeep Kaur, Dr. Nidhi Chadha, Ms Ritika Sinha, Mr Akhil US and Dr. Parul Dhar participated in a RUSA sponsored Online Workshop-cum-Awareness Programme on **"Online Assessment Tools: A Step forward"** organised by Mehr Chand Mahajan DAV College for Women, Chandigarh.

Mr Akhil US attended and participated in **Two day Online National Seminar on "Virtual Teaching and Effective Communication: The Challenge of Balance"** from 25 to 26 February, organized by Centre for Academic Leadership and Education Management (CALEM), Panjab University, Chandigarh under the aegis of PMMMNMTT, MHRD, Govt. of India in collaboration with University Institute of Applied Management Sciences, Institute of Educational Technology and Vocational Education, University Institute of Fashion Technology and Vocational Development, Panjab University, Chandigarh. He participated in a workshop on **"Open Access Initiatives, E-Resources & Publishing Processes"** organised by Cambridge University Press in collaboration with Library and Documentation Division, Indira Gandhi National Open University, New Delhi on 17 March. He participated in the **Faculty Enrichment Programme for Political science teachers in Higher Education** organised by National Resource Centre for Education, National Institute of Educational Planning and Administration (NIEPA), New Delhi on 18 February.

Dr. Tarundeep Kaur, Dr. Nidhi Chadha and Ms Ritika Sinha attended **Two-day International E-Conference on "Post-pandemic Education and Employment: Challenges and Opportunities"** conducted by Ram Lal Anand College, University of Delhi in association with Samarth Bharat on 4 and 5 March. They attended a National webinar on **"Revised NAAC Accreditation Framework: Understanding and Challenges"** conducted by IQAC of Clara's College of Commerce, Mumbai on 9 March.

Dr Tarundeep Kaur attended a CRE program as a CRE-Participant in the **National Seminar on Mental Health (NSMH-03): Good Health and Psychological Well Being in 2021 with the COVID Pandemic**, from 12 to 13 March.

Dr. Tarundeep Kaur, Dr. Nidhi Chadha and Dr. Sadhna attended a **National Webinar on "Drug Abuse Awareness"** conducted by Post Graduate Government College, Sector 11, Chandigarh on 27 March.

Dr. Nidhi Chadha attended the **International Intercollegiate Webinar** to celebrate International Women's Day, organised by R.D. National College, Department of Psychology in collaboration with IQAC on 8 March.

Dr. Nidhi Chadha and Ms Ritika Sinha participated in an online **Training Programme on "Disability Awareness and Support for Inclusive Education"**organised by Manovikas Institute for Higher Education (MIHE) and State Nodal Agency Centre (SNAC), Delhi, National Trust, Govt. of India and Ministry of Social Justice and Empowerment (MSJE), under the "Think College" Programme on 6 March.

Dr Minakshi Rana attended a **Two Day CRE program on "Strengthening of families with Developmental Disabilities"** NIEPID, Secunderabad on 22 and 23 March.

Dr. Sadhna attended **International Webinar** on "PPP During P", organized by Govt. College of Yoga Education & Health, Chandigarh, on 20 February

Ms Pawanpreet Kaur participated in a seven-day **online workshop on "Art of Writing Research Paper & Thesis"** organized by Inspira Research Association (IRA), Jaipur from 18-24 January.

Dr Sargam Wasu attended **National Level Workshop** under 'Paramarsh Scheme' of UGC held on 12 February on the topic **"Vedic Maths: A Life Skill"** organised online by MDS Girls College, Ambala.

Dr Shallu Sharma attended **National Workshop on "Evaluation and Assessment in Teaching-Learning Process"** organized by University Institute of Teachers Training and Research from 23-24 January. She attended a **Webinar on "Intellectual Property Rights"** jointly organized by Internal Quality Assurance Cell (IQAC) and Department of Library, Smt. Radhadevi Goenka College of Women, Akola on 26 April. She attended another Webinar on **"Revamping Education Sector Digitally"** organized by Post Graduate Government College, Sector 46, Chandigarh on 30 April.

- **Dr. Parul Dhar** attended the **National Level Research Seminar** on Green Energy-2021 organized by Department of Electrical and Electronics Engineering, VimalJyothi Engineering College, Kannur on 20 March.

SKILL UPGRADATION

Online National Seminar on Recent Advances in Physics was organised by BOSONS-The Physics Club, Department of Physics under the aegis of Star College Scheme, DBT on 23 January.

[<https://www.youtube.com/watch?v=3TOCC1MvdXQ>]

A DBT sponsored online lecture titled, **Advances in Peptide Nanotechnology for Energy and Medicinal Applications** was organised by the Resonance Club of the Department of Chemistry on 20 March. The eminent speaker was **Dr. K. B. Joshi**, Assistant Professor, Dr. Harisingh Gour Central University, Sagar, M.P.

An online lecture on **Scope of Good Laboratory Practices** was organised to ensure reliability, uniformity and quality of laboratory data in labs. The aim of the lecture was to provide knowledge about the basic principles and other information about GLP. **Dr. Akshpreet Singh**, Assistant Professor, Goswami Ganesh Dutta Sanatan Dharma College, Sector 32 C, Chandigarh was the speaker for this DBT sponsored online lecture conducted on 20 March by Resonance Club.

A DBT sponsored special online lecture on **A Revisit to NMR Spectroscopy** was organised on 9 February with an aim to provide a platform for exchange of ideas in various fields of pure and applied chemistry and also to enlighten the young minds for the path of research and for infusing a spirit of analytical thinking by Resonance Club. **Dr. Amarjeet Kaur**, Department of Chemistry, Panjab University, Chandigarh was the speaker for the lecture.

Dr Kamana Misra, President, Association for Women in Science New Jersey, USA and **Dr Matloob Husain**, Associate Professor of Virology (senior virologist) in the Dept. of Microbiology and Immunology at University of Otago, New Zealand were the resource persons for the International Webinar on the theme Virus – Host Interactions, Therapeutics and More organised by the Department of Zoology on 19 January.

[<https://www.youtube.com/watch?v=PXymcEYL1Rw>]

Webinar on **Basics & Applications of X-ray Spectrometer** by Prof. Devinder Mehta, Department of Physics, Center of Advanced Study in Physics, Panjab University, Chandigarh was organized by Dept. of Physics.

[<https://www.youtube.com/watch?v=xxuYSWxtpxg>]

Webinar on **Physics Using Machine Learning** by Prof. Kushal K. Shah, Associate Professor in the Department of Electrical Engineering & Computer Science, IISER Bhopal was organised by the Department of Physics.

[<https://www.youtube.com/watch?v=QvM4-c424>]

Webinar on **National Innovation and Start-up Policy** was organized by the Department of Biotechnology and Institution Innovation Cell on 25 January. **Dr Parikshit Bansal**, IP educator and Industry consultant, in the area of Pharmaceuticals, Biotechnology and Life Sciences, was the key speaker

[<https://www.youtube.com/watch?v=dA4BgAk1-ZA>]

Webinar on **Commercialization of Research and Intellectual Property Rights** was organized by

Department of Biotechnology and Institution Innovation Cell on 25 March. **Dr Bijay Kumar Sahu**, technology transfer, intellectual property and innovation management professional, and **Dr Rahul Taneja**, Scientist in Department of Science and Technology, were the resource persons.

[https://www.youtube.com/watch?v=k1fmxEl0_ZI&t=77s]

Webinar on **Design: from Concept to Consumer** was organised by the Department of Fashion Designing and Trends Moda club of the College, for its faculty and students on 19 January.

Online Interactive Workshop - **Fevicryl "Artist in Me"** was organised by the Department of Fashion Designing in collaboration with Pidilite Industries from 20 December 2020 to 30 January 2021.

ECO-SUSTAINABLE INITIATIVES

With the aim to encourage bird habitat conservation and rescue of captive birds, **Bird Day** was celebrated by Haritima, the Environment Society of the college on 5 January. The students were motivated to set up bird feeders and bird houses in their vicinity.

A Tree Plantation Drive was conducted by Haritima in collaboration with NSS Unit of the college to celebrate the **International Forest Day-2021** on 20 March with the focus on 'Forest Restoration'

To mark **World Sparrow Day** on 20 March, an **interactive talk on Bird watching: An Integral step to support our Ecosystem** by Dr. Ravneet Kaur, Department of Zoology, Panjab University, Chandigarh was organised by Haritima, the Environment Society of the college.

[<https://www.youtube.com/watch?v=CHkmfaNP8Dg>]

To mark the occasion of **World Water Day** on 22 March,

an **Online Quote writing competition** was held by the Department of Zoology. Also, Inter-college competitions comprising **paragraph writing and e-Card making** were organized on the theme "**Save water to save life (valuing water)**" by Haritima, the Environment Society of the college.

A sensitization program was initiated to celebrate **World Earth Hour** on 27 March by the Botany Department wherein more than 110 people across various cities participated in the campaign and took a pledge to save Mother Earth and to switch off all the extra lights and other electrical appliances from 8:30 pm to 9:30 pm at their respective places.

STRENGTHENING MENTOR-MENTER RELATIONSHIP

Alumni meet was held on 26 January, both online and in an offline mode in the college premises. The Alumni meet was organised in collaboration with SDAAC, the alumni association of the college. While many alumni were present in person to share their experiences, the meet was also live streamed on YouTube, wherein old students from India and abroad joined through Google Meet.

You Tube Link-

[<https://www.youtube.com/watch?v=wGpWnnW3u98>]

Online Alumni - Student Mentorship Program on the theme "**Alumni have the power to inspire, motivate and support the students**" was organised for post graduate students by Resonance Club, Department of Chemistry on 30 January with an aim to facilitate interaction of the current students of the college with our Alumni so

that the knowledge, experience and insight of the Alumni helps the students to maximize their academic experience and get a sense of the opportunities and challenges they will face after post-graduation. Our Alumni, **Dr. Simran Bawa**, Postdoctoral Research Associate at St.Jude Children's Research Hospital; **Ms. Megha Kapoor**, Deputy Head of Secondary and Head of Science, Gems Education, Dubai; **Dr. Harjeet Kaur**, Ph.D. in Pharmacology, Department of Pharmacology, PGI, Chandigarh; **Mr. Arvind Chauhan** who is currently pursuing Ph.D. from CSIR-IHBT, Palampur; **Mr. Varun**, Research Associate-1, Ind Swift R and D Mohali; **Ms. Tamanna**, CSIR-NET, Research Scholar, P.U., Chandigarh; **Ms. Deepika**, Patent Research Associate, Winsome IP and **Ms. Kanwaldeep Kaur**, Assistant Manager, Ind Swift R and D Mohali participated in this program and exchanged their views with the students.

OUTREACH ACTIVITIES

Rotaract Club volunteers under an event named "**VIDYA**" collected and donated around 50-60 NCERT books and 100 notebooks to 'HAMARI KAKSHA'- A non profit organisation based in Chandigarh. The event was organised on 19 January by Rotaract club in collaboration with NGO- HELPING BOOTH.

Rotaract club in association with Society for the Rehabilitation of Mentally Challenged (SOREM), Chandigarh organised **Movie Day at SOREM** on 29 January to teach these students how to be more comfortable in movie theaters.

On the occasion of **National Youth Day**, NSS volunteers of the college along with NSS programme officers, Dr. Pratibha Kumari and Dr. Mahak Sharma distributed packets consisting of popcorn, gachak, peanuts, biscuits and ravedhi along with blankets and clothes at Chandi Kusht Ashram Society, Chandigarh and celebrated lohri with the inmates on **12 January**.

NSS Volunteers of the college, in their attempt to sensitise the general public and spread awareness, performed Street play, **nukkadnatak**, on the themes of **COVID-19 awareness and Road Safety measures** at

Mauli Jagran village, Chandigarh on 11 February. The event was held in collaboration with the Chandigarh Police Inspector, Traffic Incharge, Mr. Baldev Kumar and his team. A **Donation drive** was also undertaken wherein soaps, masks and sanitisers were distributed to the audience.

Donation cum Awareness drives on pandemic protocols were conducted in Mauli Jagran basti and Burail area on 23 March and 24 March respectively. The

volunteers along with NSS programme officers, Dr. Pratibha Kumari and Dr. Mahak Sharma and teachers, Dr. Nidhi Chadha and Ms. Ritika Sinha donated eatables, clothes, masks and sanitisers to the residents and constructively educated them about the coronavirus. Also, E-waste collected by the volunteers was given to MC team, Chandigarh for the proper disposal of the same.

VALUE INCULCATION AND SOCIAL RESPONSIBILITY

The 72nd **Republic Day** was celebrated with great enthusiasm and patriotism in the college campus on 26 January. The national flag was hoisted and the campus reverberated with the national anthem. The students, staff and alumni sang patriotic songs and took a pledge to serve their motherland.

Basant Panchami was celebrated with fervour and devotion on 16 February. Kites of various hues and colours took to the sky as many enthusiastic students and staff participated in kite flying to mark the festival of spring.

The **8th International SD MODEL UNITED NATIONS (SD MUN) 2021** was held on 16 & 17 January on the theme 'Soz-e-Yaqeen' meaning 'passion-of-belief'. The ceremony of the event was graced by **Mr. Rajiv Chandra**, Director and Office In-charge, UN Information Centre for India and Bhutan.

National Voters Day was celebrated by organizing an online PowerPoint (PPT) Presentation competition on the topic "**Ballot is Stronger than Bullet**" on 25 January by the Electoral Literacy Club of the Department of Political Science. It was judged by Dr. Rinku Kalia and

Ms Gaganpreet Walia.

Rotaract Club of the college paid a heartfelt homage to the heroes of our nation who sacrificed their lives for the pride of the people of our country on the occasion of **Shaheedi Divas / Martyr's day** on 30 January. The students shared real life stories of some of the unsung heroes by highlighting their unforgettable bravery and sacrifices.

Rotract club of the college released an episode of frequency 3080, a **podcast** based on "**Child labour**" on 11 February. Another podcast by the Club threw light on "**Mercy Killing; Euthanasia**", released on 20 March.

A Seven Day Special NSS Camp was organised from 18 - 24 March on the theme "**Swasth Bharat Swachh Bharat**". The Camp was attended by 73 NSS volunteers and was coordinated by NSS programme officers **Dr. Pratibha Kumari and Dr. Mahak Sharma**. Several interactive sessions were organised over the period of seven days - session on 'Healthy body and Mind' by **Dr K Babu**, MD Paediatric; session on 'E-waste and plastic waste management' by representatives of '**Action for clean and Green Chandigarh**'; seminar on

'Happiness' and 'Stress Management' by a team from **ISKCON**; session on 'Gender Sensitisation' by **Ms Shivangi Kaushik**; Yoga sessions; sessions on 'Self defence' conducted by **Manjeet Kumar and Ms Balwinder Kaur** of the Swayam team from Sector 17 Mahila police station, Chandigarh; sessions on 'Healthy Diet' by **Ms Geetika** a session on 'Rain water harvesting' by **Dr Supriya Vaid**. Furthermore, donation-cum- awareness-drives were conducted on COVID protocols and cleanliness drives, E-Waste and Plastic Drive were also undertaken. The Volunteers were engaged in various recreational activities, speech contests, essay writing, poster making, slogan writing, poetry recitation, declamation competition and treasure hunt.

Dr Sanjeev Kumar, Dr Navneet Batra, Ms Monika Sethi, Ms Seema, Ms Gaganpreet Walia, Dr Nidhi Chadha, Ms Ritika Sinha, Dr Kamna Singh participated as non-student volunteer.

Dr. Mahak Sharma, attended online conference "**AIDSCON-10**" organized by Chandigarh SACS in collaboration with Indian Medical Association on 5 and

6 March 2021. He, also, attended a **Seminar** as a coordinator Red Ribbon Club, organized by Chandigarh State AIDS Control Society to felicitate all the Red Ribbon Clubs working all over Chandigarh on 1 March 2021 at the auditorium of IMA Complex, Sec-35, Chandigarh.

Mother Language Day (Vishav Maat Bhasha Diwas) was celebrated on 20 February by the Department of Punjabi by organizing an online story telling competition.

<https://www.youtube.com/watch?v=BmNdWuPg-gg>

Aesthesia Club (Department of Psychology) organised an **Online Workshop on "Emotional Freedom Technique"** on 31 March to educate students of seven steps involved in Emotional Freedom Technique which reduces stress, anxiety, emotional distress, pain, fears and phobias and helps to lead an emotionally strong, happier and fulfilling life. The key speaker of this workshop was **Navneet Grewal**, a renowned Internationally Certified EFT Practitioner and Breakthrough Coach in Canada.

HOLISTIC DEVELOPMENT OF LEARNERS

Road Safety week was celebrated by organizing the Inter-College **Online Slogan writing competition** on 19 February by the Department of Zoology. An **Inter-College Online Quiz competition** was also conducted on 22 February.

Rotaract club conducted the fourth episode of the podcast series on the theme "**Story of Elections India Vs USA**" on 17 January.

An **Interactive workshop** was also organized by the Rotaract club in association with 'CURIOUS MINDS' on

24 January where participants were taught various tools and techniques in Photoshop. Furthermore, the Rotaract club presented an episode of frequency 3080, a podcast based on "**National Education Policy 2020**" on 2 February followed by another episode of frequency 3080, a podcast on the "**Union Budget 2021-22**" on 24 February.

•**Rotaract club** initiated a project "**PODCAST- ESCAPE IN SPACE: GRAVITY**" in the month of March. On 13 March, Frequency 3080, a podcast was released with

the first episode of this project with an episode on "Gravity". Another episode of Frequency 3080, A podcast on "News You Might Have Missed" was released on 3 March.

Project Ambika of Enactus Club launched its Online Marketing Campaign #MyPeriodsaviour where stories

of Participants regarding their period savors were reposted. Also, '**Flash the Change**'- Online Photography Competition organized by Enactus Club received a response of more than 55 participants.

Photography competition was also organized to celebrate World Sparrow Day.



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