

General Shivdev Singh Diwan Gurbachan Singh
KHALSA COLLEGE PATIALA

An Autonomous College

Under the Management of Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib

Affiliated to Punjabi University Patiala

NAAC Accredited 'A' Grade

College with 'Potential for Excellence' Status by UGC

'Star College Status' by DBT, Govt. of India

Annual Report

Session 2020-21

Dr. Dharminder Singh Ubha
Principal

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Like previous sessions, the session 2020-21 was also fortunate for the college. Owing to the able guidance of the Management Committee of the college, hardworking staff members and hard work of students, the college made excellent achievements in the fields of teaching, research, academics and sports at national and international level. During this session, **Diploma in Persian** and **N.C.C. Naval Wing** were introduced. **Bibi Jagir Kaur Ji**, President, Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib inaugurated **Campus for Research and Advanced Studies, Dhablan's Incubation and Innovation Centre** on 28 June 2021.

1. Admissions:

6178 students took admission in college during the session 2020-21, including 3994 boys and 2184 girls.

2. Academic Achievements of Teachers:

Teachers who received degrees after completing their Ph.D. :

Dr. Sapna received Ph.D. degree on the topic "Occupational Stress in Relation to Job Satisfaction and Job Involvement: A Study of Punjab State Power Corporation Limited, Punjab" on June 21, 2020 from the Department of Commerce, Punjabi University, Patiala.

Dr. Navdeep Kaur received Ph.D. degree on the topic "Crime, Guilt and Redemption in the Novels of Fyodor Dostoyevsky, Agatha Christie and Albert Camus" from Desh Bhagat University, Mandi Gobindgarh.

3. Academic Achievements of Students:

Under the supervision of the diligent staff of the college, the students of the college achieved meritorious accolades during the examinations of the session 2019-20. During this session, the following students of the college secured first and second position in their respective classes:

The students of B.Sc. Non-Medical Part III, **Shimona** scored 9.04 CGPA and bagged the first position and **Harmanpreet Kaur** got second position with 8.77 CGPA. The students of B.Sc. Medical Part III, **Gurpreet Sharma** scored 9.02 CGPA and bagged the first position and **Gaganpreet Kaur** with 8.81 CGPA took second position. The students of B.Sc. Honors Agriculture Part IV, **Navpreet Kaur** scored 9.09 CGPA and got first position and **Jaswinder Kaur Ruppall** got second position with 8.85 CGPA. The students of B.Sc. Honors Biotechnology Part III, **Mahikpreet Kaur** scored 8.71 CGPA and secured first position and **Samardeep Kaur** with 8.44 CGPA got second position. The students of B.Sc. C.S.M. Part III, **Komalpreet Kaur Viridi** scored 9.26 CGPA and got first position and **Navneet Kaur** stood second with 9.19 CGPA. The students of B.Sc. Honors Mathematics Part III, **Pallavi** stood first with 8.93 CGPA and **Sifti** stood second with 8.90 CGPA. The students of B.Sc. Honors Physics Part III, **Yashika** bagged the first position with 8.13 CGPA and **Divnoor Singh** stood second with 7.70 CGPA. The students of B.Sc. Honors Chemistry Part III, **Jaspreet Kaur** scored 9.56 CGPA and got first position and **Ridhima** with 9.07 CGPA got second position. The students of B.Com. Part III, **Gurnoor Kaur** scored 9.06 CGPA and got first position and **Salim Khan** stood second with 9.05 CGPA. The students of B.Com. Honors Part III, **Amarinder Kaur** stood first with 8.96 CGPA and **Pratiksha** stood second with 8.79 CGPA. The students of B.Com. Accounting and Finance Part III, **Ritika** scored 8.28 CGPA and got first position and **Simranjit Kaur** with 8.15 CGPA stood second. The students of B.Com. Honors in Accounting Part III, **Gurnoor Kaur** scored 9.00 CGPA bagged the first position and **Amandeep Kaur** with 8.75 CGPA stood second. The students of B.B.A. Part III, **Amroz Kaur** scored 8.97 CGPA and got first position and **Karanjot Singh** with 8.77 CGPA took second place. The students of B.C.A. Part III, **Pardeep Singh** scored 8.74 CGPA and got first position and **Harmanpreet Singh** with 8.70 CGPA took second position. The students of B.A. Part III, **Naina Kinger** stood first with

9.30 CGPA and **Simran Grover** with 9.20 CGPA got second position. The students of B.A. Honors Social Sciences Part III, **Riya Singla** stood first by scoring 8.50 CGPA and **Indervir Singh** with 8.41 CGPA stood second. The students of B.A. Honors English Part III, **Pranvi Goyal** scored 8.28 CGPA and bagged the first position and **Gaganpreet Kaur** with 8.22 CGPA stood second. The students of B.A. Honors History Part III, **Harman Singh** stood first by scoring 8.25 CGPA and **Khushpal Singh** and **Tejinder Singh** stood second with CGPA of 7.75. The students of B. Voc. Food Processing and Engineering Part III, **Ashmita** scored 8.33 CGPA and got first place and **Anmolpreet Kaur** with 8.06 CGPA stood second. The students of B.Voc. Software Development Part III, **Abhishek** bagged the first position with 7.73 CGPA and **Jatinder Singh Mann** stood second with 7.68 CGPA. The students of B. Voc. Automobile Part III, **Gurmeet Singh** bagged the first position with 8.53 CGPA and **Kuldeep Singh** bagged second position with 7.63 CGPA. The student of B. Voc. Agriculture Part III **Bunty Singh** secured first position with 7.48 CGPA. The students of M.Com. Part II, **Priyanka** bagged the first place with 9.05 CGPA and **Amanjot Kaur** with 8.84 CGPA took second place. The students of MBA (LD) Part II, **Komalpreet Kaur** bagged the first position with 8.83 CGPA and **Tarun Dhiman** stood second with 8.78 CGPA. The students of M.Sc. Chemistry Part II, **Harminder Kaur** stood first with 9.17 CGPA and **Gagandeep Kaur** bagged the first position with 9.10 CGPA. The students of M.Sc. Physics Part II, **Maulik Jalota** bagged the first position with 8.60 CGPA and **Arshdeep Kaur** stood second with 8.24 CGPA. The students of M.Sc. Fashion Designing and Technology Part II, **Maninder Kaur** got the first position with 8.88 CGPA and **Harneet Kaur** stood second with 8.77 CGPA. The students of M.Sc. Agronomy Part II, **Harmandeep Kaur** and **Gurinder Singh** bagged the first position with 8.72 CGPA and **Manmeet Kaur** stood second with 8.66 CGPA. The students of M.Sc. Vegetable Science Part II, **Jivanjot Kaur** got first position with 8.91 CGPA and **Harsimranjit Singh**

stood second with 8.89 CGPA. The students of M.Sc. IT Part II, **Ramanjit Kaur** bagged the first place with 9.26 CGPA and **Jaspreet Kaur** stood second with 9.13 CGPA. The students of M.Sc. IT (Lateral) Part II, **Gaurav Garg** bagged the first position with 8.71 CGPA and **Gursewak Singh** stood second with 8.33 CGPA. The students of M.Sc. IT (DEF) Part II, **Anil Kumar Bharadwaj** bagged the first position with 8.01 CGPA and **Gurbhej Singh** stood second with 8.00 CGPA. The students of M.Sc. Geography Part II, **Mandeep Kaur** bagged the first position with 7.90 CGPA and **Ranvijay Singh Dhaliwal** stood second with 7.80 CGPA. The students of PGDCA Semester II, **Gurinder Singh** secured first position with 9.10 CGPA and **Harmanpreet Singh** secured second position with 8.70 CGPA. The students of M.Sc. Mathematics Part II, **Gurpreet Kaur** got the first position with 9.60 CGPA and **Rajwinder Kaur** stood second with 8.80 CGPA. The students of M.A. English Part II, **Gursimran Kaur** bagged the first place with 7.81 CGPA and **Jaswinder Kaur** stood second with 7.56 CGPA. **Ravinder Kaur**, a student of MA. Punjabi Part II bagged the first place with 7.35 CGPA and **Harpreet Kaur** stood second with 7.15 CGPA. **Manpreet Kaur** a student of M.A. History Part II got first place with 8.75 CGPA and **Sukhwinder Kaur** got second place with 8.69 CGPA. **Gurpreet Singh** a student of M.A. Music Vocal Part II bagged first place with 8.81 CGPA and **Navjot Singh** got second position with 8.69 CGPA. **Amandeep Kaura** student of M.A. Psychology Part II stood first with 8.93 CGPA and **Ankush** at second position with 8.52 CGPA. **Savita Rani**, a student of MA. Political Science Part II bagged first position with 8.50 CGPA and **Amritpal Singh Aulakh** got second position with 7.81 CGPA. **Priya**, a student of M.A. Economics Part II scored first position with 8.90 CGPA and **Harpreet Kaur** stood second with 8.80 CGPA. **Lovepreet Singh** and **Komal Rani**, students of Diploma in Computer Hardware and Networking Semester II bagged the first place with 8.00 CGPA and **Gurbhej Singh** stood second with 7.80 CGPA. **Fableen Kaur Anand**, a student of Advanced Diploma in French

Semester II bagged the first position with 8.23 CGPA. **Ranbir Kaur** of Intensive Diploma in French Semester II secured first position with 9.25 CGPA and **Sajanmeet Singh** secured second position with 9.13 CGPA. **Manpreet Singh**, a student of Diploma in Sanskrit Semester II bagged first place with 7.00 CGPA and **Simranjit Singh** stood second with 6.55 CGPA. **Harpreet Singh**, a student of Diploma in Urdu Semester II bagged the first place with 7.50 CGPA and **Gurinder** stood second with 6.65 CGPA.

4. Patents Published and Filed by Teachers:

Dr. Ratanpal Singh Randhawa's National Patent (No: 202011630227) on the topic "Process For Preparation of Water Repelling Leakage and Seepage Resistant Coating" was published in Patent Journal on November 28, 2020.

Dr. Amanpreet Singh, Department of Mathematics, filed a patent (Patent No. 202011056494) in the Patent Office of the Government of India on "Non Linear –Programming Convergence Analysis using PSO".

5. Awards and Honors Received by Teachers:

Dr. Harvinder Kaur was honored with the award of 'Best Language Professor of the Year – 2021' in the series of Asian Education Awards under International Awards. She was also awarded the Nari Gaurav Sanman (Year 2021) by the International Women's Forum for honoring influential women working for women empowerment.

Dr. Rouble Brar was awarded Global Teacher Award for the year 2020 by AKS Education.

6. Minor Research Projects Received/Completed By Teachers:

Prof. Jaspreet Kaur completed her Minor Research Project on the topic "Impact of Socio-Economic Background on English Pronunciation in Students of Patiala District" and submitted the report to the college in September, 2020.

Dr. Anju Khullar completed her Minor Research Project on the topic "Studies and Synthesis of Pharmacological Important Biphenyls and its Derivatives" and submitted a report to the college in March 2021.

During this session, **Dr. Sarabjit Singh** received a Minor Research Project on the topic "Vote Bank Created on Social Media".

7. Seminars/Conferences Organized by the College:

7.1 Seminars Organized by the College: 04

On 25 November 2020, **PG Department of Geography and Environmental Sciences** conducted a **National Seminar on Effects of Magnetic Field on the Living System of Earth**. **Dr. Tarlochan Singh Mahajan**, Head, Department of Physics and **Biswajit Rai Chaudhary**, Chairperson of SAIARD Kolkata addressed the audience.

On 18 February 2021, a seminar dedicated to **32nd National Security Month** was organized by the Buddies Group under the Buddies Program, during which **Inspector Indu Bala** participated as speaker.

On 24 March, 2021, **PG Department of Geography and Environmental Sciences** organized a National Seminar on **Need of Sustainable Agriculture in Recent Times** in which the keynote speaker was **Dr.K. S. Sohal**, Former Director, IAS Study Center, Punjabi University Patiala.

On 23 April 2021, **PG Department of Geography and Environmental Sciences** organized a **National Seminar on Advanced Techniques of Cartography with GIS** in which **Dr. Shivjot Kaur**, Department of Geography, Punjabi University, Patiala addressed the audience.

7.2 Conference:

Post Graduate Department of English, Cultural Studies and Foreign Languages organised an online National Conference on Hermeneutics of the Body. In the inaugural session, Dr Nandini Sahu, Director, School of Foreign Languages, IGNOU, New Delhi was the keynote speaker and the Valedictory Session was addressed by Dr. Swaraj Raj.

8. Research Papers / Posters Presented by Teachers in National / International Seminars / Conferences / Webinars:

Dr. Harvinder Kaur presented a research paper on “Shaheed Bhagat Singh – Ek Yug Parvartak” in national web conference organized by Arya College Ludhiana on 22 March 2021.

In a one day Online National Conference on “Hermeneutics of Body” organized by Khalsa College Patiala, **Dr. Rouble Brar** presented research paper on "Resistance through Body: A Study of Toni Morrison's Beloved", **Dr. Navdeep Kaur** presented research paper on "The Cyborgian Body: A Feminist Perspective in Margaret Atwood's Surfacing" and **Dr. Jasleen Kaur Nanda** presented paper on "Consumption Anxiety and Patriarchy: A Study of Margaret Atwood's The Edible Woman & The Handmaid's Tale" on 30 October 2020.

Dr. Jasmine Tiwana presented paper on "A Case Study of Marketing Strategies of Dewan Housing Finance Corporation Ltd." and **Prof. Tripat Kaur** presented paper on "FINCEN Files Leak: A Challenge to Corporate Governance and Ethical Business Practices" in 15th International Conference on Rethinking Business Strategies and Entrepreneurial Challenges and Societal Values in a Changed Global Scenario organized by Prestige Institute of Management & Research Indore on 30-31 January 2021.

Dr. Harpreet Kaur, Department of Agriculture, presented research poster on “Integrated Pest Management of Vegetable Crops” in National Seminar on Crops: Current & Strategies organized by MMU Sadhopur, Ambala and NABARD on 23 October and 24 October, 2020.

Dr. Bharat Goyal presented research paper on “Specially Structured Flow Shop Scheduling Models with Processing Times as Trapezoidal Fuzzy Numbers to Optimize Waiting time of jobs” in 10th International Conference organized by IIT Indore on topic “Soft Computing for Problem Solving – SOCPROS 2020” from 18 to 20 December 2020. His paper was approved for publication in the journal Advances in Intelligent Systems and Computing (Springer).

Dr. Jasleen Kaur Nanda presented research paper on "Search for the Center of Existence in Arun Joshi's The Last Labyrinth" in the International Conference on Theory Literature Interface organized by O.P. Jindal University, Sonapat. She also presented paper at the Virtual Conference on Contemporary Trends in Literature organized by RIMT University, Mandi Gobindgarh in September 2020. She presented research paper on "Post Colonial Voices in African Literature: Things Fall Apart and Devil on the Cross" in an international webinar on "African Literature Orature and Culture" organized by Rishi Bankim Chander College, West Bengal, in August 2020.

Prof. Satveer Kaur presented a research paper on "Role of E content in Education" in "International Conference on Recent Trends in Computer Science and Information Technology" (RTCSIT - 2021) on 9 April and 10 April, 2021.

Prof. Gurwinder Kaur presented research paper on "Co-efficient Problem for a Class Defined by Sigmoid Function" in ICSFA-2020, XIX Annual Conference of Society for Special Functions and their Applications organized by Department of Mathematics and Computer Science BBDU, Lucknow on 23 December 2020. She also presented a research paper on "Certain Conditions for Univalence of Analytic Functions" in 2nd National Research Scholar Meet 2021 on "Advances in Interdisciplinary Research for Sustainable Future" organized by Sri Guru Granth Sahib World University, Sri Fatehgarh Sahib on 16 March 2021.

Prof. Sondeep Kaur presented research paper on " Impact of Covid - 19 on Health Insurance Sector in India and Post Covid - 19 Management: An Overview" at "International Management Conference" organized by IIM Bodhgaya on 23rd April and 24th April, 2021.

Dr. Rosy Bansal presented research paper on "Impact of Transforming Education System by New Education Policy" in a National Webinar on " New Education Policy 2020 -A Holistic Road Map for the Transformation of Education Landscape" organized by Dronacharya PG College Rait (Kangra).

She also presented research paper on “Re (structured) or Silent/(Re) Evolution in Indian Education System” in “Learning from Covid-19 Pandemic Imperatives and Opportunities for Building Resilient Education System” organized by SWIFT Technical Campus, Rajpura on 22 August 2020. She presented a research paper in a virtual seminar on "Interdisciplinary Approach of NEP: A Gateway towards Educational Development" organized by Vallabhbhai Patel and Rajratan P.T.Patel Science College Vidyanagar on 29 January and 30 January, 2021.

Dr. Amanpreet Kaur presented a research paper “Cultural Deconstruction in V.S. Naipaul's Half a Life" in National E- Conference on “New Trends in ICT, Film, Literature and Culture" organized by Bapuraoji Butle Arts, Narayanrao Bhat Commerce and Bapusahib Patil College, Digras on 12 February 2021.

9. Participation of Teachers as Speakers in National / International Conferences / Seminars:

Dr. Kuldeep Kumar gave a lecture on "Importance of Sandhiprakash Ragas" in a five day National Conference organized by Jai Narayan Vishwa Vidyalaya Jodhpur (Rajasthan) on September 05, 2020 on Teachers' Day.

Dr. Nipunjot Kaur participated as a speaker in the International Virtual Conference organized by Goa Pharmacy College and Cam Bio Nexus on 04-05 December, 2020.

10. Participation of Teachers in National / International Conferences/ Seminars:

Dr. Baljinder Kaur, Prof. Sondeep Kaur and Dr. Amanpreet Kaur participated in "Hermeneutics of Body” conference organized by Department of English, Khalsa College Patiala on October 30, 2020.

Dr. Baljinder Kaur participated in International Virtual World Punjabi Conference held on 23, 24 and 25 June, 2021 in Canada on the future of Punjabi language in the field of education. She also participated in the International

Virtual Conference organized by the Department of Political Science, Mata Gujri College, Sri Fatehgarh Sahib on December 21, 2020.

Dr. Gorakh Singh participated in Online National Seminar on "E Resources in Teaching and Learning" organized by DAV College Abohar on August 25, 2020. He participated in an online National Seminar on "Inclusive Education in the Light of NEP-2020: Challenges and Opportunities" organized by Sri Jai Ram Mahila College of Education Research and Development Lehar Majra, Kurukshetra on 20th August 2020. He also participated in an online National Seminar on "Indian Literature and Bani of Sri Guru Teg Bahadur Ji" organized by University College Miranpur on 3rd September 2020. He participated in Online National Seminar on "Strategies for Writing Good Research Articles" organized by Department of Commerce, Manipal Academy of Higher Education, Manipal.

Dr. Satwinder Kaur, Prof. Sondeep Kaur, Prof. Amandeep Singh (Department of Geography) **and Dr. Pardeep Kumar Srivastava** participated in "National Capability Enhancement Conference: Education for Meaningful Life Part – 3" organized by PCMA from 2 July to 5 July 2020.

Dr. Rosy Bansal attended an International Conference on "Entrepreneurship during COVID: 19 " International Conference organized by IILM Academy of Higher Learning Lucknow in association with TONIC Teaching, Luxemburg, Europe on 12 August 2020.

Dr. Rosy Bansal participated in a National Seminar on "Religious Tolerance and National Integration: Expanding Mental Boundaries" organized by the Department of Psychology, Punjabi University, Patiala on August 21, 2020.

Prof. Amandeep Singh, Department of Biotechnology participated in an International Virtual Conference on "Modern Methods and Special Techniques" organized by MIET Kumaon, Haldwani and Department of Chemistry, H.N.B. Government P.G. College, Khatima (Uttarakhand) on 05 June 2020.

Prof. Amandeep Singh, Department of Geography, participated in National Seminar on "Research Paper Questionnaire Development" organized by the Department of Management Studies R.K.G.I.T. Ghaziabad. He participated in "Round Table Conference on Geographical Perspectives of Water Resources: Issues and Challenges" online international conference organized by Russian Geographical society and National Association of Geographers on July 16, 2020. On July 10, 2020, he participated in "Challenges of Identifying Geographic Trends in Covid-19 Cases and Effects of Covid-19 Lockdown on Air Quality in India" organized by the Department of Geography, Maharaja Sayajirao University of Baroda. He participated in an online International Seminar organized by the Department of Geography, Mata Gujri College, Sri Fatehgarh Sahib, on the topic "Global Reflections on Contemporary Cities and Future of Urban Life" from 7 August to 8 August, 2020. He also participated in online National Seminar on "Guru Teg Bahadur Ji's Jeevan ate Bani Darshan" organized by Khalsa College Patiala on 13 August, 2020. He participated in an online international seminar on the topic "Global Reflections on Contemporary Cities and Future of Urban Life" organized by the Department of Geography, Mata Gujri College, Sri Fatehgarh Sahib on 07 August, 2020. He participated in an online National Seminar on "Application of Science and Technology in Disaster Management" organized by the Department of Science and Humanities, National Engineering College, Chennai on 20 August, 2020. He participated in online National Seminar on "Sri Guru Teg Bahadur Sahib Jivan ate Bani" organized by PG Department of Punjabi, Government College, Mohali on August 25, 2020. He participated in online National Seminar on "Survival of Economy in Emerging Scenario" organized by Guru Nanak College Budhlada on 26 August, 2020. He also participated in Online National Seminar on "Veda for World Peace" organized by Maharishi Vedic University Valodrop, Netherlands on 10 September 2020.

11. Workshops Organized by the College: 09

On January 12, 2021 **One day online workshop** on the topic of **Memory Training** was conducted by the **School of Commerce and Management**

On 11-12 February 2021, the **Department of Physics** under **DBT Star College scheme** organized **two day workshop on bread boards** in which **Dr. Davinder Singh** Assistant Professor SGTB Khalsa College, Anandpur Sahib and **Dr. Aarti**, Head and Assistant Professor, SD College Ambala participated.

On 17 February 2021 an **online workshop on Commerce Career Counseling: Opportunities with IAF** was conducted by the **School of Commerce and Management**.

On February 25, 2021, **one-day online workshop on Entrepreneurship by Mr. Vishal Sood, C.E.O. Alambay's** was organized by **Dr. Ganda Singh Career Guidance, Counseling and Placement Center** for students of School of Commerce and Management.

On 26th February 2021, a workshop on **Towards a Healthy Cosmos** was organized by the **English Literary Society** in which all the teachers of the department shared their views on **Healthy Planet Earth, Traffic Control** etc.

On 1-2 March 2021, a two-day online national workshop on latex was organized by the **Department of Physics** under **DBT Star College scheme** during which **Dr. Rakesh Kumar**, Associate Professor and Head, Department of Basic and Applied Sciences, Punjabi University Patiala and **Dr. Anoop Thakur** Associate Professor, Department of Basic and Applied Sciences, Punjabi University, Patiala participated as keynote speaker.

On March 16, 2021, a **workshop on Techniques of Advance Sewing Methods** of Usha Company was conducted by the **PG Department of Fashion Designing and Home Science**.

On March 16, 2021, **Department of Mathematics** organized a workshop on the topic of **Stage Show on Parents Worship**.

On March 26, 2021, a workshop was organized by the Department of **B.Voc. Food Processing and Engineering** in collaboration with NSS in which **Dr.Rosy Bansal** spoke on the topic "Go Vegan with Non Dairy Substitutes— Choice is Yours" through virtual mode.

12. Webinars Organized by the College:32

On 4 August, 2020, a webinar on the topic **Applications of Mathematics** was conducted by the **Department of Mathematics**.

On 06 August 2020, a national webinar was organized by **Chem Club** in which **Dr. Narinder Singh**, Associate Professor, IIT Ropar, spoke on the topic **Linking of Indian Academia with Industry**.

On 07 August 2020, the **Department of Physics** under **DBT Star College** organized a webinar on **Science and Technology in Defense** in which Scientist **Mr. Sushil Chandra** and Research Associate **Mr. Shama Sharma**, Institute of Nuclear Medicine and Allied Sciences, addressed the audience.

On 07 August 2020, **P.G. Department of Agriculture** conducted a **webinar** on **Innovative Techniques in Agriculture** through online method in which **Dr.M.M Walia**, Principal Agronomist, Department of Agronomy, P.A.U. Ludhiana addressed the audience.

On August 11, 2020, the **Department of Biotechnology** organized a **webinar** on the **Use of Biotechnology and Chemistry in the Pharmaceutical world**, during which **Dr. Manpreet Singh** gave useful information on the uses of Biotechnology and Chemical Medicine Manufacturing (Development of New Medicines and Therapies), Agriculture (Genetically modified plants, biological treatments) or industrial biotechnology.

On 13 August 2020, due to the efforts of **Dr. Davinder Singh** the convener of the Kirat Club, in association with the **Department of Religious Studies**, the club organized a **national webinar** dedicated to the **400th birth anniversary of Guru Teg Bahadur Ji** in which **Prof. Jagdish Singh** and **Dr. Sukhwinder Singh** joined as speakers.

On 13 August 2020, the **Department of Religious Studies** organized a **webinar** dedicated to the **400th birth anniversary of Guru Teg Bahadur Ji. Prof. Jagdish Singh** spoke on the topic **Guru Teg Bahadur: Life and Bani Darshan**.

On 5 September 2020, **P.G. Department of Agriculture** organized an **online webinar** on the occasion of Teachers Day which was addressed by **Dr.Jagbir Singh**, Professor, Department of Zoology and Environmental Sciences, Punjabi University, Patiala.

On 5 September 2020, **P.G. Department of Punjabi and Punjabi Literary Society** organized a **webinar** on the occasion of Teachers Day in which renowned writer **Dr. Manmohan Singh** addressed the audience.

On 08 September 2020 a **webinar** on **Youth for New India Series Program for the Students of B.Voc. Food Processing throughout India by FICSI** was conducted by the Department of **B.Voc. Food Processing and Engineering** and the students were also given information on how to set up a food business.

On September 23, 2020, **P.G. Department of English** conducted a **National Webinar** on **Sri Guru TegBahadur Sahib: Significance of Martyrdom for Humanity**. **Dr.Swaraj Raj**, Head of English Department, Sri Guru Granth Sahib world University, Sri Fatehgarh Sahib and **Dr.Karamjit Malhotra**, Punjabi University Patiala addressed the session.

The Department of Mathematics organised a webinar on **Cryptography and History of Mathematics** on 19 October 2020.

Chem club organised a national webinar on 22October, 2020 in which Dr. Manmohan Singh Batra, Director, Khalsa College Amritsar delivered a lecture on Understanding Chemistry with Connections.

Youth Club and Red Cross Society organised a webinar on Vigilant India, Prosperous India under the series Vigilant India, Prosperous India.

The Department of Mathematics organised a webinar on Number Theory and Scheduling on 2 November, 2020.

Post Graduate Department of Computer Science and Computonics Club organised a two day webinar on MOOC's on 11 and 12 November, 2020 in which Engineer Manpreet Singh Bundel from Punjabi University Patiala gave information regarding various softwares for MOOC's Development.

Youth Club and Red Cross Society organized a webinar on Taking Care of Mental Health in Covid Times, under Health Services Scheme on 2 December, 2020.

Dr. Davinder Singh, Convener, **Kirat Club** in collaboration with **IQAC** organised a webinar on Shaheed Bhagat Singh's Contribution to Freedom, on the occasion of 90th Martyrdom Day of Shaheed Bhagat Singh on 23 March, 2021. Dr. Sarabjot Singh shared his views in this webinar. A Slogan writing competition was also organised.

Post Graduate Department of Computer Science and Computonics Club organised a webinar under Health Life Series on Think Out of the Cereal Box: Pseudocereals- Smart Snacking on 16 April, 2021, in which Dr. Rosy Bansal spoke on the benefits of a balanced diet.

Post Graduate Department of Computer Science and Computonics Club organized a two day webinar on Yoga Practices for Mental and Physical Fitness on 29 and 30 April, 2021. In this webinar, Jagjiwan Singh, Yoga instructor, Punjabi University Patiala taught Yoga *aasan* and spoke on the adverse effects of Corona on mental and physical health of human beings and how to deal with them.

PG Department of Computer Science and Computonics Club organized a webinar on Website and Project Development in May, 2021.

Dr. Ganda Singh Career Guidance, Counselling and Placement Centre organised 09 webinars during this session. The first webinar was by D.B.E for students of B. Com Part III on **Career Opportunities in Industrial**

and Government Sector on 20 October, 2021, the second was for students of B. B. A Part II on One Day **Career Counselling** on 27 October, 2021. The third was organised on 6 November, 2020 on **Cancer Awareness** in which Inderpreet Singh, P. L. A, Parwinder Kaur, C. J. M and Dr. Harish Malhotra, Civil Surgeon spoke. The fourth was on 1 December, 2020 by Ms. Yogita, CS on **Career Awareness Programme** for Entry Level Students, organised for students of B.Com Part I. The fifth was on 21 January, 2021 for the students of B. Com Part I in which Mr. Nikhil Sharma and Mr. Vikas ISDC Bangaluru spoke on the topic **Global Passport to a Success Career** with ACCA, U. K. The sixth one was on 4 February, 2021 for students of B. Com Part I in which Mr. Nikhil Sharma and Mr. Vikas and Dr. Days Murthy, ISDC Bangaluru spoke on the topic **Global Key to ACCA**, U.K. The seventh one was on 8 March, 2021 by Mr. Inderpreet Singh, PLA on **Women's Rights and Violence Against Them**, the eight one was on 20 April 2020, for undergraduate students of Part III in which Mrs. Roopsi Pahuja, Placement Officer DBE Patiala delivered a lecture on **Career Opportunity in Banking Sector**. The ninth was on 30 April, 2021, by Mr. Rajdeep Singh Sidhu, Public Prosecutor, Samana and Mr. Navjot Singh Sidhu, Lawyer, District Court, Patiala on **Legal Aura**. The cell also organised seven day STP on "Computer Learning" from 29 June 2020 to 08 July 2020.

Prof. Jatinder Kaur, Convener, Dispensary Committee, with other Committee members, organised a webinar in which Dr. Harsimranpreet Kaur spoke on **Unpacking Covid: Overcoming the Pandemic Blues** on 21 February, 2021.

This Committee also organised another webinar in which Prof. Jagjiwan Singh, Yoga Instructor, Punjabi University Patiala, spoke on **Mental Health and Physical Fitness** on 29 and 30 April, 2021.

13. Participation of Teachers in National / International Webinars:

Dr. Kuldeep Kumar participated in "The Condition and Direction of Indian Handicrafts in the Era of Modernity" on 05 July 2020 and on "Scientific

Dimension of Indian Culture” organized by Dr. Bhimrao Ambedkar Rajkiya Mahavidyalaya, Fatehpur on 3 July 2020. He participated in National Webinar on “Role of Music in Reducing Stress” organized by Department of Music, Saraswati Mahila Mahavidyalaya, Palwal (Haryana) on 17 April, 2021, He participated in International Webinar on "The Importance of Music and Yoga in Present Life" organized by Department of Music, Kanhor Lal Post Graduate Girls College Meerut, (UP) on 21st June, 2021. On 21, 22 and 23 June, 2021, he participated in a three-day National Webinar organized by Department of Music, Hindu Kanya Mahavidyala, Jind (Haryana). He participated in an international webinar organized by SNTD College of Arts and SCB College of Commerce and Science for Women, Mumbai on 28, 29 and 30 June 2021.

Dr. Kuldeep Kumar, Prof. Sondeep Kaur and Dr. Amanpreet Kaur participated in National Webinar on "Sri Guru Teg Bahadur Sahib - Significance of Martyrdom for Humanity" organized by the Department of English, Cultural Studies and Foreign Languages, Khalsa College, Patiala on 23 September 2020.

Dr. Kuldeep Kumar, Prof. Rajwinder Kaur, Prof. Namrata, Dr. Jeewant Kaur, Dr. Jasmine Tiwana, Dr. Gursimarjit Kaur, Prof. Harpreet Kaur (Mathematics Department), Dr. Amandeep Kaur Sidhu, Dr. Bharat Goyal, Prof. Tripat Kaur, Dr. Sapna, Prof. Jasmeen Kaur, Dr. Parampreet Kaur, Dr. Vandana Kapoor, Prof. Narinder Kaur, Dr. Amanpreet Singh, Prof. Sondeep Kaur and Prof. Varleen Kaur participated in National Webinar on "Intellectual Property Rights, Copyrights Patents and Trademarks" organized by IQAC, Khalsa College, Patiala on August 14, 2020.

Dr. Kuldeep Kumar, Prof. Rajwinder Kaur, Dr. Manju Mittal, Dr. Jasmine Tiwana, Dr. Amandeep Kaur Sidhu, Prof. Tripat Kaur, Dr. Sapna, Dr. Vandana Kapoor, Prof. Sondeep Kaur and Prof. Varleen kaur participated in a National Webinar on "Disruption Strategy: A Cheat Sheet in

the Post - Covid World" organized by School of Commerce and Management, Khalsa College Patiala on August 22, 2020.

Prof. Rajwinder Kaur, Dr. Jasmine Tiwana and Prof. Tripat Kaur participated in a National Webinar on "Hind di Chadar: Shri Guru Teg Bahadur" organized by National Integration Chair, Punjabi University Patiala on the occasion of 400th birth anniversary of Guru Teg Bahadur Sahib on 26 August 2020.

Prof. Rajwinder Kaur, Dr. Jasmine Tiwana and Prof. Tripat Kaur participated in National Webinar organised by Ambedkar Professor Association of Haryana on "New Education Policy: Challenges and Opportunities for Weaker Section" on 27 September 2020.

Prof. Rajwinder Kaur, Dr. Jasmine Tiwana and Prof. Tripat Kaur participated in National Webinar on October 08, 2020 organized by the Department of Historical Studies, Punjabi University, Patiala on the topic Guru Teg Bahadur Ji, Life Journey and Martyrdom.

Dr. Jeewant Kaur, Dr. Gursimarjit Kaur, Dr. Bharat Goyal and Dr. Amanpreet Kaur participated in National Webinar on 13 August, 2020 organized by Khalsa College, Patiala on the topic Sri Guru Teg Bahadur Ji: Life and Bani Darshan.

Prof. Namarta, Dr. Manju Mittal, Prof. Harpreet Kaur (Department of Mathematics), Dr. Bharat Goyal, Dr. Imtiaz, Dr. Amandeep Kaur Sidhu, Dr. Sapna, Dr. Parampreet Kaur, Dr. Vandana Kapoor, Prof. Sondeep Kaur, Dr. Amanpreet Kaur, and Prof. Varleen Kaur participated in National Webinar on Implementation of Massive Open Online Course (MOOC's) conducted by PG Department of Computer Science, Khalsa College, Patiala on November 11 and 12, 2020.

Prof. Namarta, Prof. Harpreet Kaur, Dr. Bharat Goyal, Dr. Parampreet Kaur, Prof. Narinder Kaur and Dr. Amanpreet Singh

participated in a webinar organized by the Department of Mathematics, Khalsa College, Patiala on August 4, 2020 on "Applications of Mathematics".

Prof. Namarta, Prof. Harpreet Kaur, Dr. Bharat Goyal and Prof. Narinder Kaur participated in a webinar on "Cryptography and History of Mathematics" organised by P.G Department of Mathematics, Khalsa College, Patiala on 19 October, 2020 under "DBT Star College Scheme".

Prof. Namarta, Prof. Harpreet Kaur, Dr. Bharat Goyal, Prof. Narinder Kaur and Dr Amanpreet Singh participated in a national webinar on "Mathematics: Number Theory and Scheduling" organised by P.G Department of Mathematics, Khalsa College, Patiala , on 02 November, 2020.

Prof. Namarta, Prof. Harpreet Kaur, Dr. Bharat Goyal, Dr. Parampreet Kaur, Prof. Narinder Kaur and Dr. Amanpreet Singh participated in a webinar organised by P.G Department of Mathematics, Khalsa College, Patiala on 22 December, 2020 on Life and Findings of Shrinivasa Ramanujan, under DBT Star College Scheme.

Prof. Rajdeep Singh Dhaliwal, Dr. Imtiaza and Dr. Amanpreet Kaur participated in a National Webinar on 07 and 08 August 2020 organised by PG Department of Agriculture, Khalsa College, Patiala on "Innovative Techniques in Agriculture".

Dr. Bharat Goyal and Dr. Parampreet Kaur participated in National Webinar on "History of Complete Mathematics" conducted by Department of Mathematics, SDM Government PG College, Doewalla and L.M.S Government PG College, Rishikesh, Dehradun on September 18, 2020.

Dr. Sapna participated in Inter College Webinar - cum - Practical Session organized by SGTB Khalsa College, Anandpur Sahib on "International Yoga Day" on June 21, 2021.

Dr. Baljinder Kaur participated in National Webinar on "Sri Guru Teg Bahadur Ji: Life and Legacy" from 26-28 February, 2021 organized by Punjab

Historical Department, Punjabi University Patiala. She also participated in a National Webinar on "Effects of Magnetic Field on the Living System of Arts".

Dr. Vandana Kapoor participated in National Webinar on "Sri Guru Teg Bahadur Ji: Life and Legacy" conducted by Punjab Historical Department, Punjabi University, Patiala on 13 August, 2020. She also participated in National Webinar on "Effects of Magnetic Field on the Living System of Arts" organized by the Department of Geography and Environmental Sciences on November 25, 2020.

Prof. Jasmeen Kaur participated in National Webinar on "Digital Technology in Present Scenario" organized by the Department of Economics and the Department of Management, Ambala Cantt. on June 29, 2021. She also participated in National Webinar on "Unpacking Covid: Overcoming Pandemic Blues" organized by Khalsa College Patiala on 20 February 2021.

Prof. Sondeep Kaur participated in National Webinar on "On Unpacking Covid: Overcoming Pandemic Blues" organised by the Dispensary Committee of the College on 20 February 2021. She also participated in a webinar on 27 May 2021 organized by the Department of Electronics and Communication, Punjabi University, Patiala on the topic "Igniting Teaching Learning in the Light of NEP". She also participated in National Webinar on "Linking of Indian Academia with Industry" organized by the Department of Chemistry, Khalsa College, Patiala on August 6, 2020. She also participated in National Webinar on "Effects of Magnetic Field on the Living System of Earth" organized by the Department of Geography and Environmental Sciences on November 25, 2020.

Dr. Rosy Bansal participated in National Webinar on "Entrepreneurship in Food Processing" conducted by Agriculture Science University, Dharwad on 07 and 08 July 2020. She also participated in "Grow, Nourish, Sustain Together our Actions All One Future" on 16 August 2020, organised by the Department of Food Science & Technology, Jawahar Lal Nehru Krishi Vishwa Vidyalaya

Jabalpur. She also participated in an international webinar on Nutrition and Health- Eat Right, Bite by Bite organized by Anand Agriculture University, Gujrat from 21 September to 25 September, 2020.

Dr. Amanpreet Kaur participated in national webinar on "Fractals" organised by Department of Science and Humanities of Hindustan College of Engineering and Technology on 25th June 2020. She also participated in national webinar on "Covid-19 and Mental Health: Opportunities and Challenges" organised by Narmadabai Bodhke Adhyapak Mahavidyalaya on 11th July 2020. She also participated in national webinar on "Covid, Confinement and online learning: Consequences on Language and Literature" organised by Bharathidasan College of Arts and Science on 16 July 2020. She also participated in national webinar on "India-China Relations-way forward" organised by P.G College Almora University, Telangana from 7 July to 17 July 2020. She also participated in International webinar on "Crisis and Creativity" organised by Kamla Nehru Mahavidyalaya Nagpur on 18th July 2020. She also participated in National webinar on Indian Diastereic Situations during Covid-19 and their Futuristic Literary Representations" organised by Department of English, S.D Kanya Mahavidyalaya, Mansa, Punjab on 5 August 2020. She participated in National Webinar on English Literature: A Kleidoscope organised by Adarsh College of Arts, Maharashtra on 25 August 2020. She attended National webinar on "Inclusive Education for an Inclusive Society: The Way Ahead" organised by Anand Chandra College West Bengal on 27 September 2020. She attended the national webinar on "Challenges faced by the Farmers" organised by Shri Guru Teg Bahadur Khalsa College for Girls on 23 December, 2020. She attended the national webinar on "Resilience in Literature and English Language Teaching" organised by Department of English, Government College, Chhindwara, Madhya Pradesh on 19th January 2021. She attended international webinar on "Stress Management in the Present Scenario" organised by Department of Home Science, Government Girls College, Madhya

Pradesh on 23rd January 2021. She attended national webinar on Role of Teachers in NEP Implementation organised by Guru Nanak College Killianwali on 3 February 2021. She also participated in international webinar on "Humanism and After: Literature's Journey from Humanism to Cyber Culture and Posthumanism" organised by Government College Pathariya, Madhya Pradesh on 13 February 2021. She attended national webinar on "MS Office: A Teaching Tool" organised by Adarsh Arts Commerce College Maharashtra on 18 February 2021. She attended National webinar on "Contemporary Literature in English and ELT Changing Paradigms and Shifting Trends" organised by Bherulal Patidar Government PG College M. N. O. W Madhya Pradesh on 28 February 2021. She attended National webinar on "Mental and Physical Fitness Remedy on Pandemic" organised by Adarsh Arts Commerce College Maharashtra on 23rd February 2021. She attended National Webinar on "Teaching Poetry in U.K Classes" organised by Government S.G.S.P College Ganjbasoda, M.P on 10 March 2021. She attended National Webinar on "Life Skills and Global Skills" organised by Nijanpur Shiksha Prashasak Mandal's Jagannath Kadvadas Shah Adarsh College on 17 may 2021. She attended National Webinar on "Ethics and Values in Image Building" organised by NJSPMJKS Adarsh College on 21 May 2021. She also attended National Webinar on "Measurement and Scaling Techniques" organised by Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore on 19 June 2021.

Prof. Amandeep Singh, Department of Geography, participated in International Webinar on "Veda for World Peace" organised by Maharishi Vedic University Volodrop, Netherlands on 10 September 2020.

Dr. Pradeep Kumar Srivastav participated in national webinar on "Strategy for strengthening Agricultural Education under Changing Scenario on Covid-19" organised by Swami Keshwanand Rajasthan Agricultural University Bikaner, Rajasthan on 26 and 27 June 2020. He also participated in National Webinar on "Ethnomedico Botany to control Covid-19: The Nature provides

Remedy Within" organised by Drug Information Centre M.M. School of Pharmacy Sadopur Ambala, Haryana on 7 June 2020. He participated in National Webinar on "Patent and Intellectual Property Right in Agriculture Research" organised by JNKVV College of Agriculture, Madhya Pradesh on 13 June 2020. He attended national webinar on "Traditional Agriculture: Self-Reliant Bharat" organised by Foundation and Agrovision of India from 20 June to 21 June 2020. He also attended national Webinar on "Skill Development for a Self-reliant India" organised by M.M.U Sadopur Mulana on 24 June 2020.

14. Participation of Teachers in Exhibitions/Workshops:

Dr. Manveer Kaur participated in "Painting Workshop" dedicated to Centenary Foundation Day of Shiromanu Gurudwara Prabandhak Committee, Sri Amritsar Sahib organised from 5th November to 10th November 2020. She also participated in V International Exhibition, Spain organised by the Department of Culture of the City Council of Aviles from 18 December 2020 to 15 January 2021. She also attended International Art Exhibition organised by Birla Academy of Arts and Science from 20 April to 25 April 2021. She also participated in 2nd Virtual International Art Exhibition 'Beyond boundaries', organised by Rainbow Art World New Delhi from 29 January to 28 March 2021. She also attended Yellow International Art Exhibition-cum-Competition, U.S.A. organised by Colours of Humanity U.S.A from 1 May to 21 May 2021. She also attended Painting Exhibition organised by Sabhyacharak Kala Manch Virsa Vihar Jalandhar from 3 June to 12 June 2021.

15. Research Papers Of Teachers Published in National and International Research Journals:

Research Paper jointly written by **Dr. Pushpinder Kaur and Dr. Lakhwinder Singh** was published by Ajoke Shilalekh Journal (issue April-September 2020, ISSN 2348-2664).

Prof. Jaspreet Kaur's paper "Learning English as a Second Language: A Psycho Social Perspective" was published in Langlit: An International Journal (Vol: 7, Issue: 3, ISSN: 2349-5189) February 2021 issue.

Dr. Rouble Brar's papers "Partition Violence: Past, Present and Future" (JETIR. Vol: 7, Issue:9, ISSN:2349-5162 dated 15.09.2020) and "Myth Poetics: A Structuralist Study" (JETIR. Vol: 7, Issue:9, ISSN:2349-5162 dated 08.12.2020) were published in International Journal of Emerging Technologies and Innovative Research (JETIR). Her paper "Jane Eyre's Sub Version of Gender Roles: An Existential Analysis" was published in International Journal of Research and Analytical Reviews (IJRAR, Vol: 7, Issue: 3, ISSN:2348-1269 dated 17.09.2020).

Dr. Anju Khullar's research paper on "A Review on Flurbiprofen: Therapeutic Challenges in Emerging Active Metabolizing Biphenyl I" was published in Bulletin of Pure and Applied Sciences Journal (Page No. 77-89, ISSN: 2320-320X, Online, 0970-4220).

Dr. Jiwant Kaur's research paper on "Orientalist Historiography of the Sikhs and Beginnings of Sikh Studies in Punjab" was published in Journal of Sikh and Punjab Studies (Vol: 28 No.1 Spring 2021) Global Institute for Sikh Studies, New York NY).

Dr. Jasmine Tiwana's research paper on "A Study of Financial Analysis of Housing Development Finance Corporation Limited and LIC Housing Finance Limited" was published in PIMT Journal of Research (Vol: 13, No. 2 January - March 2021).

Dr. Navdeep Kaur's research paper on "Exploring the Thematic Issues of Guilt and Human Judgment in Albert Camus The Fall" was published in May 2020 in an international journal Langlit (Vol:7, Page No. 77-89, ISSN: 2349, - 5189).

Dr. Manju Mittal's research paper on "Government and Non-Government Organizations Working for Stay Animals in Punjab: An Overview"

was published in Global Journal of Accounting (Vol: 8, No: 1, ISSN: 0976-9366, PP:39-46 January-June 2021), research paper on "A Comparative Analysis of Employee Training Expectations and Satisfactions in Punjab, Haryana and Himachal Pradesh Tourism Industry" was published in the Journal of Oriental Research, Madras (ISSN: 0022-3301) in March 2021, research paper on "Spillover of Novel Covid-19 Pandemic on Punjab Tourism" was published in Brazilian Annals of Tourism Studies, (Vol: 11, ISSN: 2238-2925) in February 2021 and a research paper on "Personal Values as Drivers of Socially Responsible Investments - A Moderation Analysis" was published in the Review of Behavioral Science, Emerald Publications (ISSN: 1940-5979) on September 8, 2020.

Dr. Gursimarjit Kaur's research paper on "Growth and Trends of Higher Education in Punjab" was published in the International Journal of Research Analytical Reviews (Vol: 8 / Issue: 2/169) on June 19, 2021.

Dr. Rupi Dhir's research paper on "Synthesis, Characterization and Applications of Gadolinium Doped ZnS Nan Particles as Photocatalysts for the Degradation of Dyes" was published in the International Journal of Chemical Physics Impact (Vol: 3, 2021, ISSN: 2667-0224) on 29 May 2021.

Dr. Ratanpal Singh Randhawa's research paper on "Rheological & Conformational Studies of Methylcellulose Gels in an Aqueous Medium" was published in the International Journal Polymer Science Series A (Vol: 63, 2021, P: 252-59) on 27 April 2021.

A research paper was published in International Journal of Chemical Studies (2020: 8 (4): 2231-2234) by **Prof. Rajdeep Singh Dhaliwal, Prof. Kamlesh Kumar and Dr. Pardeep Kumar Srivastava's** on "Influence of Plant Hormones and Level of Phosphorus on Growth and Yield of Field Pea (*Pisum sativum* L.) under Irrigated Conditions of Punjab".

Dr. Harpreet Kaur's research paper on "Survey and Correlation of Unhygienic Conditions of Agriculture Markets in Punjab" was published in

Agriways Journal (Vol: 8 (2) 108-113, ISSN: 2454 2318) and a research paper on "Correlation Study of different Infrastructural Materials and Storage of Commodities on Unhygienic Conditions of Agriculture Markets in Punjab was published in Technofame- A Journal of Multidisciplinary Research (Vol: 10 (1), 01-09, ISSN: 1319-9792).

Prof. Rashi Bansal's research paper on "Regression Trend on Covid-19: A Case Study of India" was published in Scopus Indexed International Journal "High Technology Letter" (Vol: 27, Issue: 4, 2021, ISSN: 1006-6748, PP : 666-676) in April 2021 and a research paper on "Growth of some Seasonal Plants- A Study with Statistical Tools" was published in Web: Science Journal "Bulletin Monumental Journal" (Vol: 22, 2021, Issue: 6, ISSN: 0007-473x, PP: 69-84) in June 2021.

Dr. Bharat Goyal's research paper on "Minimizing Waiting Time of Jobs in Flow Shop Scheduling: A Heuristic Approach" was published on 7 November 2020 in Scopus Indexed Journal "Materials Today: Proceeding Elsevier".

Dr. Tejinder Pal Singh's research paper on "Understanding the Rag Jai Javanti and the Bani of Sri Guru Teg Bahadur" was published in a Peer Reviewed Punjabi Research Journal: Poetry - Issue (23-24) April-September (20-21) (ISSN: 2395-6305 www.kaavshastar.com) and a research paper on "The Concept of Rendering Khyal: The Amir Khani Style" was published in International Peer Reviewed Journal: Trivani Sangeet Khoj Patrika" (Vol: I ,, 2021, Issue III, ISSN: 2700-2929, PP: 85-90, (Bi - Annual) (www.tskp.in) in June 2021.

A research paper on "Response of Integrated Nutrient Management Practices on Growth and Tuber Yield of Potato Crop (*Solanum tuberosum* L.) in Clay Soils of Punjab" was published in International Journal of Chemical Studies (2020 8(4): 2202-2206) jointly by **Prof. Kamlesh Kumar and Dr. Pardeep Kumar Srivastava.** **Prof. Kamlesh Kumar's** research paper on

"Effect of Nitrogen and Zinc on Yield and Economics of Winter Maize (*Zea mays* L.) under Irrigated Conditions of Punjab" was published in Journal of Pharmacogonosy and Phytochemistry 2019: SPI: 574-576. Research paper on "Need to move towards the Barley cultivations" was published in the International Journal of Chemical Studies 2019: 7 (3): 1562-1565 and a research paper on "Effect of Integrated Weed Management on Growth and Yield of Wheat (*Triticumaestium* L.) under Irrigated Conditions of Punjab " was published in Agres - An International Journal 2019 Vol: 8 (2) 097-108.

Prof. Mahinder Lal's research paper on "Response of Irrigation Schedule and Nitrogen on Growth and yield of Wheat (*Triticumaestivum* L.)" under Irrigated Condition of Punjab was published in Journal of Pharmacogonosy and Phytochemistry (2020: 9 (3): 1020-23, E - ISSN: 2278-4136, P ISSN: 2349-8234), a research paper on "Response of Sowing Time and Fertilization on the Growth Parameters and Yield of Field Pea "(*Pisumsativum* L.) under Irrigated Conditions of Punjab" was published in Journal Pharmacogonosy and Phytochemistry (2020: 9 (6): 935-938, E - ISSN: 2278-4136, P - ISSN: 2349-8234)

Prof. Mahinder Lal and Dr. Pardeep Kumar Srivastava's research paper "Influence of Plant Densities and Fertility Levels on Growth and Yield of Chick Pea (*Cicer aritinum* L.) genotypes fen" was published in Annals of Plant and Soil Research 23 (1): 112-115.

Prof. Mahinder Lal, Dr. Pardeep Kumar Srivastava, Dr. Sulekha Choudhary and Prof. Talwinder Singh's paper "Effect of Efficient Tillage and Nutrient Management on Growth and Yield Content and Uptake by Pearl Millet under Semi - Arid Conditions inceptisols feffermit " was published in International Journal of Advances in Engineering and Management (IJAEM , Vol : 2 . (issue : 8 . PP: 169-176 . ISSN: 2395-5252).

Dr Pradeep Kumar Srivastava's research paper "Promoting Precision Farming in India for Betterment Future of Indian Agriculture " was published in

"International Journal of Advances in Engineering and Management (IJAEM , Vol : 3 , Issue : 2 , PP : 190-199 , ISSN : 5252. His research paper "A Technical Review Report on Millets as Nutri - Cereals of India" was published in International Journal of Advances in Engineering and Management (IJAEM , Vol : 3 , Issue : 5 , PP : 1512-1523 , ISSN : 2395-5252) in May 2021.

Dr. Sulekha Choudhury's research paper on "Source of Information on Development of Training Package regarding Rain Water Harvesting" was published in Journal of Plant Development Science (Vol: 12 (3): 143-151) in 2020. Her another paper "Role Perception Role Performance and Constraints of Trainers in KVK, Haryana" was published in Current Journal of Science and Technology (39 (27): 1-9 , 2020 , Article No. CJUST: 57763). Another research paper on "Impact of Training Programs of KVK in Terms of Adoption of Technologies: A Gender Analysis" was published by her in Current Journal of Applied Science and Technology CJUST: 60526).

Dr. Sarabjit Singh's research paper on "Language, Literature and Political Communication in Social Media" was published in the International Journal of Dialogue (ISSN: 2395-1273, Issue 13) in January 2021. His research paper on "Social Media and Create Vote Bank" was published in the National Journal INSIGHT (ISSN: 2394-7462, Issue 06) in January 2021.

Dr. Jasleen Kaur Nanda's research paper on "Emptiness and Void in Heart: A Study of The Last Labyrinth, The Binding Vine and Poems by Kamala Das" was published in LANGLIT Journal (ISSN: 2349-5189) in June, 2021. Her research paper "Vulnerability of Humans and Role of Balancing Science and Nature: Atwood's View of Pandemic" was published in "Ensuring Certainty in Uncertain Times: Coping with Covid-19" conference proceedings, published by Department of Social Sciences, Punjabi University, Patiala in June, 2020.

Dr. Gorakh Singh's paper "Punjab Looks at Crop Diversification, Mechanization to Promote Punjab's Agriculture" was published in research journal Mahila Pratishta (Vol: 6, Issue: 4 April-June 2021). His paper

“Sustainability of Agricultural Systems: Punjab’s Scenario based on 1999-2000 to 2019-2020” was published in International Journal of Research and Analytical Review (IJRAR, UGC - ISSN Journal, Page: 601-612) on 6 June 2021.

Dr. Jaswinder Singh's research paper on "Guru Teg Bahadur Ji's Ideology" was published in Guru Teg Bahadur Journal of Religious Studies (ISSN: 2454–8995, Vol: 5, Issue:1) in November 2020 (published by Sri Guru Teg Bahadur Khalsa College, Anandpur Sahib).

Dr. Heena's research paper on "Development of a Fabric Phase Sorptive Extraction High Performance Liquid Chromatography Method for the Green Analysis of Phenyltin Compounds in Environmental, Water, Canned Food and Urine Samples" was published in International Journal of Pharmacology and Biomolecular Research Vol: 3 (1); Page: 55-61 (2020).

Prof. Navdeep Kaur's research paper on 'Of Unmixable Mix-Ammu's illness and Sickening Culture in The God of Small Things' was published in Journal Dialog published by Department of English, Panjab University Chandigarh (ISSN: 0975-4881, Issue: 35 Spring / Autumn 2020). Her another paper “A Study of Mental Illness in Pasho in Krishna Sobti’s Memory’s Daughter” was published in The Creative Launcher Journal (ISSN: 2455-6580, Vol: V, Issue III, August 2020).

Prof. Gurwinder Kaur's research paper on "A Differential Subordination and Univalence of Analytic Functions" was published in the Palestine Journal of Mathematics (ISSN: 2219-5688. 10 (2) 2021, PP: 715-722).

Dr. Amanpreet Singh's research paper on "Convergence Analysis of Lagrangian Function Using Iterative Methods" was published online in Journal of Critical Reviews (Scopus Indexed ISSN: 2394-5125, Vol: 7, Issue 17, 2020). His research paper on "Some Beispiel and Ranker - Zustand in Penalty Function" was published online in the International Journal of Advanced

Science and Technology (Scopus Indexed, ISSN: 2348-7550, Vol: 29, No.6 (2020)).

Dr. Rosy Bansal's research paper on "Plastic in Food Packaging: Safety Concerns for Our Health and Environment" was published in "Journal of Nutritional Science and Healthy Diet" (Vol:1, July 2020) published on December 16, 2020 in the book Antioxidants in Fruits: Properties and Health Benefits (Editors: Nayik, G.A and Gill, A.) (Springer, Singapore, ISBN: 978-981-15-7284-5).

Dr. Pardeep Kumar Srivastava's research paper on "Estimation of Heterosis for Yield and its Components under Sodic Soil in Barley" (*Hordeum vulgare* L.): 2321-4902) was published in International Journal of Chemical Studies (2020, 8 (2): 713-716, E - ISSN: 2321-4902). His paper "Combining Ability for Yield and Its Components under Normal and Sodic Soil in Barley" (*Hordeum vulgare* L.) was published in the International Journal of Chemical Studies (2020, 8 (2): 718-72).

Dr. Pardeep Kumar Srivastava, Dr.Sulekha Choudhary and Prof. Talwinder Singh jointly published paper on "Influence of Zinc and Boron on Growth Uptake and Yield of Brinjal (*Solanum melongena* L.)" in Journal of Plant Development Sciences (12(9):549-553, ISSN:23489170).

16. Books Published by Teachers:

A book *The Defiant Sisters* written by **Dr. Rouble Brar** was published by 21st Century Publication, Patiala.

A book *Blended Learning* written by **Prof. Inderbir Kaur** in October 2020 was published by Lambert Academic Publication. The book was translated into German language in February 2021 by an internationally renowned company and was translated into eight other languages (Russian, Portuguese, Polish, French, Italian, Dutch, German and Spanish) and publishers of eight countries published it online.

Dr. Jeewant Kaur's book *Karam Singh Historian's Kattik Ke Vaisakh: A Historical Analysis* was published by Unistar Publishers Chandigarh (Mohali).

Prof. Gurpal Singh's book *Real Time System* was published by Lambert Academic Publication in November 2020.

Dr. Manju Mittal's book *Management of Tourism in Punjab: An Appraisal* (ISBN 987-620-2-55327-8) was published in July 2020 by Lap Lambert Publication.

Dr. Pardeep Srivastava's book written on the topic "A Practical Book on Soil Plant Water and Fertilizer Analysis" was published in 2020 by SR Scientific Publication.

17. Books Edited by Teachers as Editors/Co-Editors:

A book *Ten One Act Plays* edited by **Dr. Rouble Brar** and **Prof. Navdeep Kaur** was published by Khalsa College Patiala.

18. Research Papers of Teachers Published in Edited Books:

Prof. Inderbir Kaur's paper "A Review of Trust and Security Concern in Cloud Computing Adoption Intention in Higher Education Sector" was published in *Impact and Challenges of Cloud Business Intelligence* by International (IGI Global Book) in January 2021.

Dr. Amanpreet Kaur's paper "Role of Managerial and Communicative Skills in Management" was published in conference proceedings Edited Part I (ISBN-978-81-948301-1-1) of International Conference on the topic "Global Collaborations in Science, Technology, Education, Mathematics & Humanities to Advance the Frontiers of Knowledge & Innovation". Her paper "Cross Cultured Genetics: A Study of Bharati, Mukherjee's The Tiger's Daughter" was published in *Diasporic Literature* (Editors Dr. Manoj, N. Bhagat, Om Sai Publisher, ISBN:978-93-91201-47-0, Page:15-23).

Dr. Rosy Bansal's research paper on the topic "Skill Driven Innovation in Education" was published in *Revolutionising Indian Education System*

(Archers and Elevator Publishing House, Bangalore, 2020, ISBN: 978-81-946245-0-9, Page: 95-100). Her paper "Re (Structured or Silent) Re (Evolution) in Indian Education System" was published in *Transformation of Education through Online Learning during Pandemic Covid-19* (21st Century Publication, Patiala, December 2020, ISBN:978-93-90154-74-6, Page: 59-64).

Dr. Sulekha's research paper on the topic "The Social Media: Its Importance and Concepts" was published in *Impact of Social Media in Agriculture* (First Publication).

19. Articles of Teachers Published in Newspapers:

Prof. Jaspreet Kaur's article on "Old Student Association (OSA)" was published on the editorial page of Khalsa College Magazine, March 1, 2021.

20. Lectures Organised by the College: 31 Lectures

Post Graduate Department of English organised an online lecture by Dr. Jagdish Batra, O. P. Jindal University, Sonipat on the topic Indian in Indian English Literature on 9 February, 2021.

PG Department of Fashion Designing and Home Science organised a lecture by Sri Mohan Kadiyaam, TNG Technology, Bangalore on the topic Government Computer aided Designing on 19 February 2020.

Department of B VOC Food Processing and Engineering organised a lecture by Sri Jaswinder Singh ETO on Importance of Teachers Day: Staying Positive and Healthy on 5 March 2020.

Postgraduate Department of Geography and Environmental Sciences organised a lecture by Dr. Gorakh Singh, Head of Department, on the International Ozone day on the topic How to Protect the Ozone Layer from CFCS Gases, on 11 September 2020.

Dr Gorakh Singh, Convener **Buddies Group**, delivered a lecture on Drug Free Punjab on 14 September 2020.

Department of Biotechnology organised a lecture by Dr Anoop Verma, Associate Professor, Thapar Institute of Engineering and Technology Patiala on

From Level of Lab to Industrial sector: Process of Fermentation, on 22 October, 2020.

Chem club of the Department of Chemistry organised a lecture by Dr Shabah Kumar, Associate Professor NTC Surat on Sensing and Biosensing with Fluorescent Nanoclusters on 27 October, 2020.

Post Graduate Department of English organised an online National Conference on Hermeneutics of the Body. In the inaugural session, Dr Nandini Sahu, Director School of foreign languages IGNOU, New Delhi was the keynote speaker and the Valedictory Session was addressed by Dr. Swaraj Raj.

The Department of Folk Art and Culture organised an online lecture by Dr Jaspreet Kaur Dhillon on the topic Folk Paintings on 11 November, 2020.

Under star college Scheme, the **Department of Physics** organised a 5 day online lecture series in which Dr Balbir Sandhu, Professor and Head Physical science department Punjabi University Patiala Dr H J pant isotope and radiation application division Mumbai Dr. Rakesh.K.Tiwari Professor, physical science department Deen Dayal Upadhyay Gorakhpur University, Gorakhpur UP, Dr Vivek Walia research fellow National Centre Research Earthquake Engineering and Dr. Danish Azmi assistant professor physical science education Aligarh Muslim University Aligarh delivered lectures on various topics.

Dr Gorakh Singh, Convenor, **Buddies Group** delivered a lecture on Effects of Drugs on Health and Society on 7 January, 2021.

Post graduate Department of English organised a lecture by Dr Nandini Sahu, Director, School of Foreign Languages New Delhi, Professor, IGNOU, New Delhi on New Historicism on 5 February, 2021.

The Department of Religious Studies and Kirat Club under the Convenorship of Dr. Davinder Singh organised a lecture by Dr Tejinder Pal Singh dedicated to Saka Sri Nankana Sahib Ji di Shatabdi on 25 February, 2021.

Dr Gorakh Singh, convenor, **Buddies Group** delivered a lecture on Drugs and National Security on 5 March, 2021.

On occasion of International Women's Day on 8 March, 2021, **Nanhi Chaan Cell and Girls Welfare Committee** organised a lecture by Dr Dharmendra Singh Ubha, Principal of the college on the topic Rights, Security and Contribution of Indian Women.

As part of celebration of International Women's Day, **Girls Welfare Committee and Nanhi Chaan Cell** organised a lecture by Dr. Pushpinder Kaur on Derogatory Terminology Used for Women: Usage and Stoppage. With the collaboration of Department of Physics and Department of Chemistry, this committee and cell also organised a lecture by Dr Ritu Lehal, Professor and Director, Women's Studies Centre, Punjabi University Patiala on the topic Equality of Women: Issues and Challenges on 9 March, 2021.

The Department of B Voc Food Processing and Engineering organised a lecture by Mrs. Meenu Gupta, Secretary Bal Vihar Chinmaya Mission Patiala on Yoga and Eating Habits for Healthy Body and Mind on 23 March, 2021.

The Department of B.Voc. Food Processing and Engineering with collaboration of NSS organized a lecture by Professor Sandeep Chahal on Traditional Food and their Nutritive Value on 31 March, 2021.

Department of Hindi and Other Languages organised a lecture by Mr. Tushar from Amity University Noida.

Dr. Gorakh Singh, Convener, **Buddies Group** organised a lecture by Amandeep Kaur on Drugs and Women in Modern Society on 24 March, 2021.

Dr. Gorakh Singh, Convener, **Buddies Group** organised a lecture by Amandeep Kaur on Impact of Drugs on Mind and Brain on 26 April, 2021.

Dr. Harvinder Kaur, Head, **Department of Hindi and Other Languages** delivered a lecture on Unique Martyrdom of Shri Guru Teg Bahadur ji on 4 May, 2021.

Prof. Jatinder Singh Bhutal, convenor, **Legal Literacy Cell** organised a lecture by Dr. Punam Deep Singh on Cyber Crime in India on 12 May, 2021.

Dr. Gorakh Singh, Convener, **Buddies Group** organized a lecture by Amandeep Kaur on Effects of Drugs on Society on 25 May, 2021.

Dr. Pushpinder Kaur gave a lecture to the students on the topic "Miracles of Human Courage" on June 5, 2021 in a programme organized by the Punjabi Department to keep up the students' spirit during the Corona era.

21. Lectures Delivered By College Teachers In Other Colleges / Institutions:

Dr. Sarabjit Singh gave a lecture on "Education in Mother Tongue" on 24 May 2021 at Government College of Education, Patiala.

Prof. Varleen Kaur spoke on 22 July, 2021 at All India Radio, Patiala on the topic "Career Opportunities in the Field of Commerce and Management".

22. Participation Of Teachers In Lectures, Lectures Cum Demonstrations Organized By Other Colleges And Universities:

Dr. Kuldeep Kumar participated in national level lecture cum demonstration on 8 June, 2021 organized by Department of Music Instrument, Dev Samaj College for Women, Ferozepur.

Prof. Sondeep Kaur participated in a lecture on the topic "Research in Higher Education in the Perspective of NEP 2020" organised by Centre for E-learning and Teaching Excellence, Punjabi University, Patiala on 8 June, 2021.

23. Online/Offline Refresher Courses Attended by Teachers:

Dr. Rouble Brar attended an online refresher course on "Languages (Interdisciplinary)" organized by UGC, HRDC, Punjabi University, Patiala from 16th November to 28th November 2020.

Dr. Jiwant Kaur, Dr. Gursimarjit Kaur and Dr. Baljinder Kaur attended an online refresher course on "Social Sciences" from 15 January to 29 January 2021 organized by UGC, HRDC, Punjabi University, Patiala.

Prof. Harpreet Kaur (Department of Mathematics), **Dr. Amandeep Kaur Sidhu** and **Dr. Sapna** attended Refresher Course from 03 October to 16 October 2020 on "Research Methodology" organized by HRDC, Punjabi University, Patiala.

Dr. Monica Bansal, Dr. Rupri Dhir and Dr. Ratanpal Singh Randhawa participated in an online "Refresher Course on Chemistry" organized by UGC HRDC University of Hyderabad from 08 February to 20 February 2021 and online Refresher Course on "Research Methodology" conducted by Ramanujan College, University of Delhi from 17th May to 31st May 2021.

Dr. Harpreet Kaur (Department of Agriculture), **Dr. Rosy Bansal** and **Dr. Mansimran Kaur Randhawa** participated in the 87th Refresher Course from December 1 to December 14, 2020 conducted by UGC HRDC Punjabi University, Patiala.

Dr. Jagtar Singh, Dr. Sarabjit Singh and Prof. Satveer Kaur attended the 84th Refresher Course from 10 August to 24 August 2020 in "Information Technology" organized by UGC HRDC Punjabi University, Patiala.

Dr. Jasleen Kaur Nanda attended Refresher Course on Advanced Research Methodology from 15 April 2021 to 30 April 2021 organized by Ramanujan College, University of Delhi.

Dr. Parampreet Kaur attended an online refresher course in Mathematical Sciences at Ramanujan College, University of Delhi from 14 June to 28 June 2021.

Dr. Ayesha Khosla attended ARPIT Course from 01 December 2020 to 01 March 2021. She has also attended Refresher Course from 07 July 2021 to 20 July 2021. Dr. Punamdeep Singh and Dr. Gurvir Singh also attended this course.

Dr. Gorakh Singh attended a refresher course on "Enhancing Efficiency and Culture of Learning in Higher Education" at Guru Angad Dev Teaching

Learning Center, Sri Guru Teg Bahadur Khalsa College, Delhi University from 15th June 2021 to 30th June 2021.

Dr. Supriya Goyal attended Refresher course on Astronomy & Astrophysics from 11 May 2020 to 11 June 2020.

Dr. Manveer Kaur attended a refresher course on "Managing Online Classes and Co-creating MOOC's 5.0" conducted by Ramanujan College, University of Delhi from May 11 to May 25, 2021.

Prof. Satveer Kaur and Dr. Gauri Khanna participated in 8th Refresher Course in ICT organized by Punjabi University Patiala from 10 August 2020 to 24 August 2020.

Prof. Inderbir Kaur attended Refresher course from 07 January 2021 to 20 January 2021.

24. Orientation/Faculty Induction Programs Attended by Teachers:

Prof. Paramjeet Kaur, Prof. Jaspreet Singh, Prof. Mohinder Lal, Prof. Kamlesh Kumar, Dr. Gurveer Singh, Dr. Poonamdeep Singh, Dr. Satwinder Kaur, Prof. Baldev Singh, Dr. Manvir Kaur and Prof. Lakhwinder Singh participated in an Online Orientation Course organized by Teaching Learning Center, Ramanujan College, Delhi University from 26th June to 24th July 2020.

Prof. Rajbinder Singh, Dr. Kanu Verma, Dr. Kirandeep Sandhu, Dr. Jasleen Kaur Nanda and Dr. Heena participated in an Online Orientation Program on MOOC's organized by Ramanujan College, Delhi University from 04 June to 1 July 2020.

Dr. Gorakh Singh participated in an Orientation Program on 'Faculty in University / College/ Institutes of Higher Education organized by Teaching Learning Center, Ramanujan College, Delhi University from 26 June 2020 to 24 July, 2020.

Dr. Vandana Kapoor participated in an online faculty induction program organized by Guru Nanak Dev University, Amritsar from March 2 to March 29, 2021.

Prof. Narinder Kaur participated in an Online Orientation Course organized by Ramanujan College, Delhi University from 11 January to 9 February 2021.

Dr. Mansimran Kaur Randhawa attended Orientation Course from 04 June 2020 to 01 July 2020.

Prof. Amandeep Singh, Department of Biotechnology, participated in one week International Research Orientation Program organized by Maharishi Markandeshwar University from 26 October to 31 October 2020.

Dr. Imtiaza attended Faculty Induction Programme from 10 August 2020 to 08 September 2020.

25. National and International Workshops, Short Term Courses and Training Programs Attended by Teachers:

Dr. Balbir Kaur, Prof. Pushpinder Kaur and Dr. Imtiaza participated in seven day Online Teaching Learning Workshop on "Design, Development, Delivery of E-content and Online Assessment" organized by Unit of Educational Studies and Research, Institute of Development and Communication, Chandigarh from 20 July to 25 July 2020.

Dr. Balbir Kaur, Prof. Rajdeep Singh Dhaliwal, Dr. Bharat Goyal and Prof. Jasmeen Kaur participated in one day workshop on "Google Class Room and Google Meet" organized by IQAC Cell, Khalsa College Patiala on 17th August 2020.

Dr. Balbir Kaur participated in one day workshop on "Block Printing- An Evergreen Fashion Style" organized by Thar Fashions Divisions of Fashion and Design on June 5, 2020.

Dr. Gorakh Singh attended workshop from 25 November 2020 to 03 December 2020.

Dr. Kuldeep Kumar, Prof. Rajwinder Kaur, Dr. Jiwant Kaur, Dr. Manju Mittal, Dr. Amandeep Kaur Sidhu, Prof. Rashi Bansal, Prof. Inderbir Kaur, Prof. Tripat Kaur, Dr. Sapna, Dr. Gurveer Singh, Dr. Punamdeep Singh, Prof. Rajbinder Singh, Prof. Parampreet Kaur, Dr. Vandana Kapoor, Dr. Satwinder Kaur, Dr. Amanpreet Singh, Prof. Sondeep Kaur, Dr. Amanpreet Kaur and Prof. Varleen Kaur participated in a seven day National Workshop on "Research Methodology" organized by Research and IPR Cell, Khalsa College, Patiala from February 22-27, 2021.

Dr. Jasmine Tiwana completed six week international course on "Training on Financial Modeling and Valuation" on 14 August 2020.

Dr. Heena and Dr. Monika Bansal attended Short Term Course from 28 September 2020 to 02 October 2020.

Dr. Manju Mittal participated in 9 day online training programme on "Excellence in Research" organized by Department Of Tourism Management, School Of Commerce And Management AIHHEW, Coimbatore, under UGC stride from 27th January to 8th February 2021.

Prof. Tripat Kaur participated in law workshop on "On The Spot Judgments" organized by Dr. Ritambra Das, Symbiosis Law School, from 30 to 31 January 2021. She also attended Training Programme of six weeks.

Prof. Jasmeen Kaur participated in a workshop on "Research Methodology" organized by the Department of Commerce And Economics, Vinak Rao Patil Maha Vidyalaya on 29 October 2020.

Dr. Manvir Kaur participated in "Chitra Kala Workshop" dedicated to 100 years Foundation Day of Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib from 5 November 2020 to 10 November 2020.

Dr. Harpreet Kaur attended eight day Training Programme from 11 July 2020 to 18 July 2020.

Dr. Vandana Kapoor participated in six day workshop on “Art Music Heritage and Theatre” organized by Public College Gobindgarh from 7 June to 12 June 2021.

Dr. Supriya Goyal, Dr. Kirandeep Sandhu and Dr. Varinderjeet Kaur attended two weeks workshop from 25 May 2020 to 5 June 2020.

Dr. Amanpreet Singh participated in “Training Programme on Changing Paradigms in Management” organized by Guru Nanak Institute of Management and Technology from 24 August 2020 to 29 August 2020.

Dr. Rosy Bansal participated in one week short-term course on “Harmony in the Workplace: Effective Interpersonal and Communication Skills” organized by S.V. Engineering College Tirupati from 26th October to 31st October 2020. She also attended webinar from 11 October 2020 to 15 October 2020, Training Programme from 02 November 2020 to 7 November 2020 and attended eight weeks online course.

Dr. Amanpreet Kaur participated in three day online workshop on “English Communication and Presentation Skills” organized by Solapur University, Solapur from 12th to 14th October 2020. She also participated in a national E-workshop on “Teaching Skill Development” organized by Government College Pathariya, Madhya Pradesh on March 24, 2021. She has also attended FDP on E-content from 08 August 2020 to 14 August 2020 and three week FDP from 01 December 2020 to 23 December 2020.

Prof. Amandeep Singh from the Department of Biotechnology participated in one month online international training programme on “Research Manuscripts: Drafting and Publishing” organized by Eudoxia Research Centre, India from 6 July to 6 August 2020. He also participated in international workshop on “Khoj Lekh Kiwen Likhna Hai” organized by Manuscripted pedia, Kanya Kumari from 22 May to 23 May 2021. He participated in an instructional training on “Sehat Karamcharian layi Covid-19 Tikakaran di Sikhilai” organized by WHO on 4 June 2021. He also participated in

international workshop on “Technology Di Bhumika Ate Khoj Vich Kuj Khas Sadhan” organized with the help of Academic Association SGTU and Prodigy-A Science Afiosis from 29 June 2021 to 04 July 2021. He also attended training from 01 June 2020 to 06 June 2020.

Prof. Amandeep Singh, Department of Geography attended workshop on “Application of Geospatial Technology” organized by Amity Institute of Geo informatics and Remote Sensing, Amity University, Noida, Uttar Pradesh from 11th June to 26th June 2020. He also participated in five day workshop on “Advances in Geospatial Science and Technology” organized by Amity Institute of Geo Informatics and Remote Sensing, Amity University, Noida, Uttar Pradesh from 26 June to 31 June 2021. He also participated in two day workshop on “Research Methodology” organized by Dr. B.R. Ambedkar Central Library, Jawaharlal Nehru University, New Delhi from 11 January 2021 to 12 January 2021. **Dr. Satwinder Kaur** attended workshop from 03 May 2021 to 31 May 2021 and Commando Training from 01 June 2021 to 16 September 2021.

Dr. Sulekha Choudhary participated in national workshop on “Psychometric Scale Construction Techniques: Basics to Advances” organized by Dairy Extension Division ICER-NDRI, Karnal from 24th to 28th November 2021.

Prof. Gurwinder Kaur passed “Swayam Online Certification Course” on Academic Writing in September 2020.

26. Participation of Teachers in Faculty/Management Development/ Online Programs:

Prof. Rajwinder Kaur, Dr. Jasmine Tiwana, Dr. Manju Mittal, Dr. Amandeep Kaur Sidhu, Dr. Sapna and Prof. Varleen Kaur participated in “E-content Development” faculty development programme organized by IQAC cell, Khalsa College Patiala from 22 June to 24 June, 29 June, 1 July and 6 July 2020.

Prof. Rajwinder Kaur, Dr. Jasmine Tiwana and Prof. Tripat Kaur participated in “Management Development Program” on “Transition to IFRS: Insights into Implications on Financial Statements” from 3 May to 7 May 2021.

Dr. Rouble Brar, Prof. Jatinder Kaur, Prof. Satveer Kaur and Jasleen Kaur Nanda participated in five day online faculty development programme on “New Pedagogies: Creative Learning and Creative Teaching-A Futuristic Approach” organized by Dashmesh Khalsa College, Zirakpur from 20 to 24 June 2021. **Dr. Rouble Brar** also participated in an online FDP on “E-content Development” organized by International Organized Research from 1st June to 5th June 2020.

Dr. Rouble Brar, Dr. Anju Khullar and Prof. Navdeep Kaur participated in one week online FDP on “Development And Management Of MOOC’s And Online Courses Using LMS – Moodle” organized by GADTLC of MHRD, SGTB Khalsa College, University of Delhi from 30 June to 4 July 2020.

Dr. Jiwant Kaur, Dr. Gursimarjeet Kaur, Dr. Supriya Goyal, Dr. Rupi Dhir, Dr. Sarbjit Singh, Prof. Jatinder Kaur, Dr. Kanu Verma , Dr. Jagtar Singh, Dr. Varinderjeet Kaur, Prof. Satveer Kaur, Dr. Kirandeep Sandhu, Dr. Vandana Kapoor and Dr. Heena participated in FDP on “Advanced Concepts for Developing MOOCs” organized by TLC Ramanujan College, University of Delhi from 02 July 2020 to 17 July 2020.

Prof. Jasmeen Kaur participated in “Recent Advances in Business Studies” faculty development programme organized by Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu from 7 August 2020 to 8 August 2020. She also participated in FDP on “Managing Online Classes and Co-creating MOOC’s 3.0” organized by TLC, Ramanujan College, University of Delhi from 25 July 2020 to 8 August 2020. **Prof Jasmeen Kaur** attended FDP from 07 August 2020 to 13 August 2020. **Dr. Jagjit Singh and Prof. Jasmeen Kaur** participated in faculty development program on “Developing Multimedia

Enriched Powerful Presentation” organized from 11 August 2020 to 18 August 2020. **Dr. Jagjit Singh** attended FDP on 07 July 2020 to 13 July 2020.

Prof. Gurwinder Kaur participated in five day online FDP on “New Tomorrow – Readiness for Teaching and Nursing – Post Covid-19” jointly organized by SLIET, Longowal and NIT Uttarakhand from 24 to 28 July 2020. She also attended FDP from 01 June to 05 June 2020 and **Prof. Paramjeet Kaur** also attended FDP from 08 June to 14 June 2020.

Prof. Vikram Gupta attended FDP on Python from 02 June 2020 to 06 June 2020.

Prof. Amanpreet Kaur, Department of English, participated in one week online FDP on “E- contents and ICT Tools for Innovative and Effects Teaching and Learning Process” organized by Roorkee College of Management and Computer Applications from 8 August to 14 August 2020. She also participated in FDP organized by Saint Francis De Sales College Maharashtra from 01 December to 23 December 2020.

Dr. Amanpreet Kaur, Prof. Amandeep Singh and **Prof. Amandeep Kaur** Department of Geography, participated in one week FDP on “Advanced Tools in Research” organized by Mata Gujri College, Fatehgarh Sahib from 18 January to 25 January 2021.

Dr. Sulekha Chaudhary participated in FDP on "Academic Excellence in Digital Teaching and Learning" organized by the Department of Management Studies, Madurai Kamaraj University from 01 July 2020 to 07 July 2020. She also participated in a seven-day online FDP on "Intellectual Property Rights (IPRs)" organized by the Department of Management Studies, Mata Gujri College, Sri Fatehgarh Sahib from 27 July 2020 to 03 August 2020.

Prof. Inderbir Kaur attended seven day FDP from 20 June 2020 to 26 June 2020 and from 06 July 2020 to 10 July 2020.

Dr. Monika Bansal, Dr. Rattan Pal Singh Randhawa and Dr. Rupy Dhir attended 2 week FDP from 17 May 2021 to 31 May 2021 on Research Methodology & Data Analysis.

Prof. Jaspreet Singh attended 2 week FDP on Research Methodology from 01 October 2020 to 15 October 2020.

Dr. Gorakh Singh attended three FDPs from 11 August 2020 to 16 August 2020, 01 September 2020 to 05 September 2020 and from 14 September 2020 to 19 September 2020.

Prof. Baldev Singh attended five day FDP from 01 August 2020 to 05 August 2020.

Prof. Simerjit Kaur attended five day FDP from 18 February 2021 to 24 February 2021.

Prof. Arshpreet Singh Gurna attended five day FDP from 01 June 2020 to 05 June 2020.

27. Pre-commission Training Attended by Teachers:

Prof. Baldev Singh attended Pre-Commission Training Course organized by D.G.N.C.C from February 08 to June 11, 2021 at Campti (Nagpur) and Tambaram (Chennai) and won the G.S.T. Trophy.

28. Teachers Appointed as Members of the Board of Studies in Other Colleges:

Dr. Jaswinder Singh, Department of Punjabi, was appointed by Sri Guru Tegh Bahadur Khalsa College, Sri Anandpur Sahib as a member of the Undergraduate Board of Studies in Punjabi from the session 2019-20.

29. Cultural Achievements / Activities:

College student **Karanbir Singh** won first position in the **Online Declamation Competition** during the **Zonal Youth Festival** of Punjabi University, Patiala.

30. N.C.C. Air Wing:

During this session, under the able leadership of N.C.C. Officer of the college Prof. Baldev Singh, 51 cadets were recruited in the NCC Air Force Wing. Out of these, **27 cadets** participated in the **Hygiene Fortnight** started by Prime Minister, **47 cadets** participated in the Prime Minister's **Tree Plantation Campaign** and **32 cadets** participated in the **Personal Hygiene Day Celebration**. During this session, all the cadets also participated in various webinars conducted by **3B AIR SQN NGO**.

Air Wing Cadets participated in various online programs **Counter Terrorism, Map Reading, Disaster Control under Police Supervision, Contribution of NCC towards Society and New Education Policy** organized by 3B AIR SQN NGO. The third year cadets were given **N.C.C. "C" Certificate** by Commanding Officer and Group Captain **Rajesh Sharma** **15 cadets** of NCC Air Wing participated in **Blood Donation Camp** organized by **3PB AIR SQN NGO** and **"COVID Vaccination Camp"** organized by **3PBAIR SQN NGO**.

31. N.C.C. Naval Wing:

During this session, under the supervision of the college's NCC Officer **Dr. Sarabjit Singh**, Naval Wing was established in the college and 13 cadets (08 boys and 05 girls) were recruited in the first year. 02 Cadets were selected in **Digital Forum Review Committee**. All the cadets of this wing participated in **Hygiene Awareness Program, Tree Plantation Campaign, Hygiene Fortnight, Yoga Day and NCC Day**.

32. N.S.S.

With the efforts of **Prof. Sapna, Dr. Jagtar Singh** and **Prof. Rajbinder Singh**, offices of three units of NSS running in the college, NSS volunteer **Parvinder Singh** presented his views through video conferencing at the launch of **'Youth'** campaign on 6 August 2020.

“**Unite 2 Fight Corona**” campaign was launched online in April 2021 as per the instructions of Government of India. During this campaign, the NSS Volunteers spread **social awareness** through **Facebook** and **Instagram**.

27 volunteers donated blood during **Blood Donation Camp** organized by Shiromani Gurdwara Parbandhak, Sri Amritsar Sahib on 10 March 2021 at Gurdwara Dukh Niwaran Sahib.

The volunteers and the program officers of NSS participated in the program on **Young Warrior Orientation** organised by UNICEF on 11 June 2021.

33. Special Days / Festivals / Special Events Celebrated by the College:

33.1 Independence Day:

On 15 August 2020, **Independence Day** was celebrated in different ways by different departments of the College.

33.2 Teacher’s Day:

Teacher's Day was celebrated by various departments on 05 September 2020.

33.3 International Ozone Day

International Ozone Day was celebrated on 11 September 2020 and **Dr. Gorakh Singh** gave a lecture on **How to Protect the Ozone Layer from CFCS Gases**.

33.4 Diwali Festival:

Diwali was celebrated in different ways by different departments of the college on November 2020.

33.5 Gandhi Jayanti:

On the occasion of Gandhi Jayanti on 02 October 2020, the Department of Biotechnology organized a **poster making competition** for the students.

33.6 International Girl Child Day:

On the occasion of International Girl Child Day on 11 October 2020, the Department of Biotechnology organized **Poster Making Competition** and

Essay Writing Competition. The main objective was to address the challenges faced by the girls, to empower them and to promote the fulfillment of human rights.

33.7 N.C.C. Day:

Air Wing Cadets celebrated N.C.C. Day on 27 December 2020.

33.8 Armed Forces Flag Day:

Air Force Cadets celebrated Armed Forces Flag Day on 7 December 2020.

33.9 National Road Safety Month:

From 18 January 2021 to 17 February 2021, NSS Volunteers celebrated **National Road Safety Month** by organising **lectures, poster making** and **slogan writing competitions.**

33.10 National Voters Day:

The teachers and students of the Department of Political Science participated in a function organized by the District Election Officer, Patiala on the occasion of **National Voters Day** on 25 January 2021 at State College of Education.

33.11 Mother Language Day:

On 21 February 2021, an **essay writing competition** was organized by the Department of Punjabi on the topics **Importance of Mother Tongue, The Present Day Farmer Crisis** and **The Life and Martyrdom of Sri Guru Teg Bahadur Ji.**

33.12 World Food Safety Day:

On 07 June 2021, the Department of B. Voc. Food Processing and Engineering celebrated **World Food Safety Day.** On this occasion, **Mr. Sanjay Sharma, Sr. Quality Assurance Manager** and **Mrs. Bector, Specialties Cremica Greater Noida** introduced students to **Food Safety** and **FSSAI.**

33.13 International Yoga Day:

Video Making, Collage Making Competition and **Inter College Webinars** were conducted on **International Yoga Day** on 21 June 2021.

33.14 Nutrition Fortnight:

Nutrition fortnight was conducted by the **NSS Department** from 16-31 March 2021, during which **lectures, Declamation Competition** and **essay writing competition** were held.

33.15 International Women's Day:

International Women's Day was celebrated on 8 March 2021 by Nanhi Chhaan Cell and Girls Welfare Committee. **Nari Gaurav Sanman function** was organized on this occasion, during which **Prof. Kamal Nain Sohal** was honored with '**Nari Gaurav Award-2021**' for her outstanding contribution in the field of Painting, Sculpture and Clay Modeling.

34. Achievements of Department of Physical Education and Sports:

Under the dynamic leadership of Dr. **Gursharan Singh Gill**, Head of the Department, the players made the following achievements:

Archery:

Sangampreet Singh Bisla and **Aman Saini** got selected in **Indian Compound Archery Team for Guatemala World Cup Stage -I**. Sangampreet Singh Bisla got selected for World Archery Championship-2021 which is going to be organised at South Dakota, U. S. A. in 19-26 September, 2021. The trials related to this event were organised at SAI Sonipat from 2- 3 August, 2021.

It is a matter of pride for the college that **Sangampreet Singh Bisla** also participated in **Asian Games 2018**.

Aman Saini participated in **World Cup Stage -3** organised at Paris, France from 21 to 27 June, 2021.

Rifle Shooting:

Karam Sukhbir Singh was selected in **Indian Rifle Team for ISSF World Cup** organised at New Delhi on 18-29 March, 2021.

Handball:

Team players **Ravinderpal Singh, Anmoldeep Singh, Raman Singh, Bikramjit Singh** and **Khushpreet Singh** won **Bronze Medal** at **Junior National Handball Championship Delhi**.

35. School of Commerce and Management:

Under the able supervision of Head of the Department **Dr. Jasleen Kaur**, various activities were carried out by the department.

The department conducted **14 competitions**.

On 05 August 2020, the department conducted **online poster making competition** for the students.

On October 15, 2020, an **online debate** on the topic **New Agriculture Bills** was organised for the students of M.Com. Part II students. On the same day, Divinity Club conducted **Knowledge Time Online Quiz** Competition dedicated to the 400th birth anniversary of Sri Guru Teg Bahadur Ji.

On 03 November 2020, **online competitions** were conducted on the topic of **Faded Delineated of Promoting Feminism and Eliminating Casteism**.

On 11 November 2020, **online rangoli competition** was organised for B.Com. Part I students on the occasion of **pollution free Diwali**.

On 12 November 2020, an **online painting competition** on the topic **Repercussion of Covid – 19** was organised for B.Com. Part I students.

On 13 November 2020, an **online competition** of **Best Out of Waste** was conducted on the topic of **Gardening Theme** for B.Com. Part I students.

On 17 November 2020, an **online competition** was held on the subject of **Let's Debate Farm Bills - 2020** for the students of B.Com. (Hons) Part III.

On 17 November 2020, an **online Story Writing Competition (Writer's Digest)** was conducted by Bibliophiles Club for M.B.A Part I and Part II students. On the same day, an **online competition** on the theme **A Picture Tells a Thousand Stories** was organised for B.B.A. Part I, Part II and Part III students.

On 10 December 2020, the **Bibliophiles Club** organized a **bookmark online competition**.

An **online Spring Spree Fest** was organized by the department on 18 May 2021 in which students competed on **Guess What, Story Telling, The Emotion Game** and **Kitchen Game**.

On 19 May 2021, an **online competition** was held on the topic of **Students' Add Mad**. On the same day, an **online competition** on **Crafting Ideas with Paper** was organised for B.Com. (Hons.) Part I, Part II and Part III students.

In addition to the above, Online Teachers Day was celebrated on 04 September 2020 by **Meet and Greet Club**.

On 11 September 2020, **Divinity Club** conducted an **online interactive session** on **The Life Lessons of Sri Guru Teg Bahadur Sahib Ji**, dedicated to the 400th birth anniversary of Sri Guru Teg Bahadur Ji.

Diwali was celebrated by **Meet and Greet Club** on 11 November 2020 and B.Com. (Hons) Part II students conducted **online activity** on the topic **Green Diwali without Crackers**.

On 13 November 2020, M.Com. Part I students planted saplings under the **Green Diwali** campaign.

On 24 November 2020, the **Meet and Greet Club** organized **Let's the Good Time Roll** program for teaching and non-teaching staff.

Mann Jitte Jag Jitte activity was conducted by Divinity Club on 30 November 2020 through online mode dedicated to the birth anniversary of **Sri Guru Nanak Dev Ji**.

On 21 December 2020, Divinity Club organized an online activity on **The Warmth Campaign**, under which caps and socks were distributed to the needy people.

Old Book Bank of old and used books was started by Divinity Club.

An **online poster making activity** was conducted for B.Com Part I, Part II and Part III students dedicated to the martyrdom day of Shaheed Bhagat Singh Ji on 23 March 2021. An **online slogan writing activity** was conducted for M.Com Part I and Part II students.

An **online tea health care drive activity** was conducted by the Divinity Club on 05-30 April 2021 with the main objective of focusing on the tree health and involving the **three pillars of the academic institution - students, staff and stakeholders**.

On 18 May 2021, an **online activity for Mothers and Daughters** dedicated to Punjabi singer Smt. Surinder Kaur was conducted for B.Com. Part III students.

On 05 June 2021, on the occasion of **Environment Day**, Divinity Club showed a **short film** to the students through online mode, the main objective of which was to create awareness among the students about conservation of environment.

The department conducted **02 workshops**.

36. Post Graduate Department of Computer Science and Computonics Club:

Under the able guidance of Head of the Department **Prof. Sukhmeen Kaur** and due to the efforts of the convener of the club **Prof. Inderbir Kaur**, the new students were **welcomed** at the beginning of the session on 22 August 2020.

On 25 November 2020, **poster making competition** on the topic of **Life and Teachings of Guru Nanak Dev Ji** dedicated to the 551st birth anniversary of Guru Nanak Dev Ji was organised for the students.

On 25 January, 2021, on the occasion of Republic Day, a **poster making competition** was organized on the theme "**Dream India-2030**".

Posters were made by the students on the occasion of Independence Day on 14 August 2020.

Greeting cards were made by the students on the occasion of Teachers Day on 05 September 2020.

Technical Activity-1 was conducted for the students of B.C.A. Part One, PGDCA and M.Sc. IT Part II/ Lateral Entry , in which the students underwent **MCQ revision test on Google Classroom** on 5 February 2021.

On 6 February 2021, **Technical Activity-11** was conducted for the students of B.C.A. part III during which the **MCQ interview preparation test** of the students was taken.

On 9 March 2021, International Women's Day was celebrated and the students downloaded the Women **Safety app** and **Raksha app**.

The winners of the **poster making competition** held on 25 November 2020 and 25 January 2021 were given prizes during the **Prize Distribution Ceremony** organized by the club on 22 March 2021.

Apart from the above, **04 webinars** were conducted by the department.

37. Department of Science:

With the efforts of Head of the Department **Dr. Nipunjot Kaur**, during the grim state of **Covid pandemic**, the teachers gave **motivational lectures** to the students on 05 July 2020, to keep their minds balanced and reduce their stress level.

Poster Making Competition was conducted on 05 September 2020 at Teachers Day Celebrations.

On 25 November 2020, on the occasion of 551st birth anniversary of Sri Guru Nanak Dev Ji, **Poster Making Competition** and **Article Writing Competition** was organized.

Apart from the above, **01 webinar** and **01 lecture** were conducted by the department.

38. Department of Physics:

With the efforts of the former Head of the Department of Physics, Dr. Tarlochan Singh Mahajan and the current Head Dr. Arvind Sabharwal,

Electronics Projects for Beginners activity was conducted on 18-19 February 2021 under **D.B.T. Star College scheme**, during which **Dr. Bhajan Singh**, Professor, Department of Physics, Punjabi University, Patiala and **S. Sukhwinder Singh**, Coordinator, NIERT Patiala imparted information to the students.

The department organized **01 webinar, 05 lectures** and **02 workshops**.

39. Post Graduate Department of Agriculture:

Under the supervision of Head of the Department Dr. Rajdeep Singh Dhaliwal, the department prepared various types of Organic Fertilizers (NADEP Compost, Vermiwash, Vermicompost Bio - Sol, BGA etc.) at Campus for Research and Advanced Studies, Dhablanon 12-17 April 2021

Direct sowing of paddy was carried out using **ASR method** in collaboration with **Marketers** (fortnightly Newspaper: Agriculture and Dairy) at Campus for Research and Advanced Studies, Dhablan on 10 June 2021.

Apart from the above, **02 webinars** were conducted by the department.

40. Post Graduate Department of Punjabi and Punjabi Sahit Sabha:

Under the supervision of Head of Post Graduate Department of Punjabi **Prof. Paramjit Kaur** and with the efforts of convener of Punjabi Sahitya Sabha **Dr. Jagroop Kaur**, the **food items** and **other necessities** were distributed to the **orphans** at the Orphanage, Patiala on the occasion of Diwali on 12 November 2020.

01 webinar was conducted by the department.

41. Post Graduate Department of English, Cultural Studies and Foreign Languages:

Under the able guidance of Head of the Department **Dr. Deepinderjit Randhawa**, an **online program** was organised on **Teachers Day** on 05 September 2020, during which the students of M.A. English and B.A. Honors in English presented their skills, recited poems and shared ideas on the topic of

Teacher's Contribution to Student Life. Apart from this, a student from the department also acted as a **health expert** and shared some tips on **good health**.

An **Online Inter College Essay Writing Competition** was held on 23 October 2020 on the topic of **Importance of Voting**.

The department conducted **01 National Webinar, 01 Online National Conference** and **02 Lectures**.

42. Department of Hindi:

With the efforts of Head of the Department **Dr. Harvinder Kaur**, an **inter-college online essay writing competition** was organized on 15 September 2020.

43. Department of Folk Art and Culture:

Under the able guidance of Head of the Department **Prof. Sandeep Chahal**, **poster making** and **card making competitions** were conducted on 05 September 2020 in collaboration with the Department of Fine Arts through the online method during the Teachers Day program.

01 lecture was conducted by the department.

44. Department of Fine Arts:

Under the supervision of Dr. Manvir Kaur, the department in collaboration with the Department of Folk Arts and Culture conducted online competition for making posters and making cards during the Teachers Day program on 5 September 2020.

The students of the department participated online in **Chitra Kala Workshop** dedicated to 100th Centenary of **Shiromani Gurdwara Parbandhak Committee, Sri Amritsar Sahib** on 05-11 November 2020.

On 9 March 2021, a **poster making competition** was held on the topic of **Women's Safety** on International Women's Day.

45. Post Graduate Department of Fashion Designing and Home Science:

02 competitions were conducted under the supervision of Head of the Department **Dr. Balbir Kaur**.

An **online Diya and Candle Decoration Competition** dedicated to **Diwali** was held on 08 November 2020.

A competition of making **Creative Baskets** was organized on 05 April 2021 for the students of B.A. Part I.

In addition to the above, a **poster making presentation** was organised for the students of B.Voc. and M.Sc. on **Teachers Day** on 5 September 2020.

On 9 March, 2021, on the occasion of **International Women's Day**, the department conducted activities related to nutrition awareness among the students regarding health problems.

On 5 April 2021, there was a **virtual show-case** of living room linen made with different methods of **embroidery and painting** in which M.Sc. Part II students participated.

01 lecture and 01 workshop were conducted by the department.

46. Post Graduate Department of History:

With the efforts of Head of the Department **Dr. Harjeet Kaur**, the teachers of the department shared ideas with the students of undergraduate and postgraduate classes on the topics of **Role Played by the Teachers during Covid-19** and **The Contribution of the Teachers in the Past and Present Scenario** on 5 September 2020.

On 9 March 2021, during the function organized by the Department of History, Girls Welfare Committee and Nanhi Chhaan Cell on the occasion of **International Women's Day**, the students of the department participated in an **essay writing competition** on the topic of '**Protection of Women**'.

47. Post Graduate Department of Political Sciences:

Due to the efforts of Head of the Department **Dr. Jagtar Singh**, as per the instructions of the District Electoral Officer, an **Online Speech Competition** on the topic **Right to Vote** was conducted on 12 April 2021.

48. Department of Religious Studies:

Due to the efforts of Head of the Department **Dr. Gurvir Singh**, the students of the department participated in the **Nagar Kirtan** organized at Patiala on 1-7 March 2021 under the patronage of **Shiromani Gurdwara Parbandhak Committee, Sri Amritsar Sahib**.

During the scholarship distribution function organized by Dharam Prachar Committee under Shiromani Gurdwara Parbandhak Committee, Sri Amritsar Sahib, two students of the department received scholarships in **religious examination** on 17 June 2021.

Apart from the above, **01 webinar** and **01 lecture** were conducted by the department.

49. Post Graduate Department of Economics:

With the efforts of Head of the Department **Dr. Nishan Singh**, the teachers and students of the department discussed the topic **Role Played by the Teachers during Covid-19 and The Contribution of the Teachers in the Past and Present Scenario** on the occasion of Teachers Day on 05 September 2020.

On 02 November 2020, **quiz competition** on the topic of **Current Economic Issues** was organised for the undergraduate and postgraduate students.

On 01 February 2021, **Budget Highlights** were shown to the students through online mode **and the government budget regarding income-expenditure distribution of the economy** was evaluated.

During an activity held on 15-19 March 2021, **Scam - 1992 (India's largest stock market scam), the document web** was displayed **and** the students were made aware about the share market corruption.

50. Department of Music Instrumental:

With the efforts of Head of the Department **Dr. Kuldeep Kumar**, the students performed **Shabad Kirtan, songs, poems, folk instruments and solo items** during the online program organized on the occasion of Teachers Day on 05 September 2020.

51. Department of Mathematics:

Under the able leadership of Head of the Department **Dr. Gurmeet Singh**, an **Online Student Induction Program** was organized for M.Sc. Part I students.

03 competitions were conducted by the department.

On 02 February 2021, Inter School and Inter College Poster Making Competition was conducted in which various schools and colleges of Punjab and Haryana participated.

The department conducted **Departmental Mathematical Quiz** on 05 March 2021.

An **Inter School and Inter College Model Making Competition** was held on 05 February 2021 in which various schools and colleges of Punjab and Haryana participated.

Online Teacher's Day Celebration activity was held on 05 September 2020.

52. Post Graduate Department of Music Vocal:

09 tracks were released under the supervision of Head of the Department **Dr. Jagjit Singh**.

Tracks were released as **So Satgur Waho Waho** on 19 August 2020, **Aarti** on 29th November 2020, **Rogan Te Ar Sogan te** on 20th January 2021, **Bahut Janam Bichde The Madho** on 27th February 2021, **Re Man Ram Seo Kar Preet** on 28 May 2021, **Apni Kirpa Dhaar** on 30 May 2021, **Sadho Eh Tan Mithea jano** on 3 June 2021, **Kaho Kaha Apni Adhmayi** on 8 June 2021 and **Kaha Nar Apno Janam Gavave** on 21 June 2021.

53. Department of B. Voc. Food Processing and Engineering:

Under the supervision of **Incharge** of the Department **Prof. Rosy Bansal**, an activity on the theme **Grow, Nourish, Sustain Together** was conducted on the occasion of **World Food Day** on 16th October 2020 through **online method**,

during which students participated in **poster** and **chart making** competition and also prepared a variety of food.

Virtual Diwali was celebrated on November 15, 2020 and the pandemic period was discussed.

On 29th January 2021, under the **Food Processing Incubation Center**, **training was given to make fresh sauce by taking fresh gooseberries.**

On 22 March 2021, **a group discussion on Role of Food Fermentation in Boosting Nutrition and Health** was conducted in collaboration with the department of NSS.

On March 24, 2021, activity on **Nutrient Dense Sprout: Smart Addition to Diet** was conducted in collaboration with the department of NSS.

On March 25, 2021, during a program organized in collaboration with the NSS department, the medical officer **Dr. Gitanjali** gave a **special talk** on the topic of **Anemia**.

On March 30, 2021, in collaboration with the NSS department, an **online food campaign** was launched on the topic of **All about Health and Safe India through Enriched Cereals and Pulses following Safety Food Practices.**

Under the **Food Processing Incubation Center**, **Khalis Tomato Sauce** was prepared on 29-30 April 2021 to encourage vocational work.

The department organized **01 webinar, 03 lectures and 01 workshop.**

54. Gurmat Society and Guru Gobind Singh Study Circle:

Under the guidance of **Dr. Jagjit Singh**, convener, **Gurmat Society and Guru Gobind Singh Study Circle**, this society and circle **celebrated the day of Sangrand at Gurdwara Sahib of the college.**

Sehaj Path of Guru Granth Sahib Ji was recited on these auspicious occasions and **kirtan of divine hymns** were also performed. All the staff members and students were present on the occasion.

55. English Literary Society:

Under the supervision of the Head of the English Department, **Dr. Deepinderjit Randhawa** various activities were carried out by the English Literary Society. With the efforts of the convener of the society, **Dr. Rouble Brar**, the Society in association with the **Brave Hearts Club** organized an **online Diwali program on 12 November 2020** to promote a sense of happiness and joy.

An **online constituting meeting** was organized by this society on 25th November 2020 in association with Social Welfare Society and Brave Hearts Club.

Literature Fest was organized on 30 April 2021 during which four activities named **who will be Literary Millionaire, Wizarding World of Harry Potter, Poetry Recitation and Mad Libs** were conducted.

The society also organized a workshop.

56. Youth Club and Red Cross Society:

On 24th November 2020 with the efforts of **Dr.Sarabjit Singh Ahluwalia**, convener of Youth Club and Red Cross Society, in collaboration with Government Rajindra Hospital, Patiala, under the Health Services Scheme, **covid testing** of college staff was conducted.

A **Covid Vaccination Drive** under Health Services Scheme was organized on 26 June 2021 at College Campus in association with Model Town Dispensary Patiala.

57. Grievance Cell:

The Grievance Cell, under the supervision of **Dr. Jagjit Singh**, heard the **grievances and suggestions** of the students and informed the Principal about them. The Principal made necessary arrangements for resolving these complaints and suggestions.

58. PTA Cell:

On 20 November 2020 with the efforts of the convener of the PTA cell, **Dr. Anju Khullar** meeting of **Online Parents-Teachers Association** was held. On April 23, 2021 second online Parent-Teacher Association meeting was held. A large number of parents attended both meetings. Feedback forms were filled out and suggestions were given by parents. During these meetings the parents of the students were informed about the marks of their children's **mid-semester examinations, lectures, performance in classes** and also **co-educational activities** being conducted in the college through various methods for building multi-faceted personality of the students.

59. Old Students Association (OSA):

On 11 December 2020, with the efforts of Dean of **Old Students Association Dr. Balbir Kaur** and **Convener Prof. Jaspreet Kaur**, **Memories in Making: An Interactive Talk** was organized online with **Mr. Ajay Jethi**, a former student of Khalsa College Patiala established in Spain. During this talk 785 alumni of the college shared their experiences from home and abroad. It is also worth mentioning here that at present Mr. Ajay Jethi is playing an important role in Spanish Web Series Money Heist.

On February 05, 2021, alumni of the college shared their memories under **Reminiscence Program**.

An **exhibition** of paintings by **Kulpreet Singh**, a former student of the college was displayed on March 1-5, 2021 and **Indelible Black Marks** Short Movie made by him was also shown.

It is also a matter of great pride for the college that Kulpreet Singh, a former student of the college also got the honor of joining IPEP, International Platform.

60. Publication Cell:

Under the supervision of **Dr. Pushpinder Kaur**, Dean, Press and Publications the book **Ten One Act Plays** was published by the Publication

Cell of the College. As a result, the number of books published so far by the Publication Cell of the College has increased to **27** out of which **12 books are related to Conference Proceedings, 11 textbooks, 03 Literary and 01 Book on History of the College.**

61. Girls Welfare Committee and Nanhi Chhaan Cell:

On **December 21, 2020** under the able leadership of Dean of Girls Welfare committee **Prof. Sukhmeen Kaur** and Convener of Nanhi Chhaan Cell **Dr. Balbir Kaur** and also due to the efforts of this committee and cell, as instructed by the **Directorate of Education, Shiromani Gurdwara Parbandhak Committee, Sri Amritsar Sahib**, about **165 women teaching and non-teaching staff** of the college visited **Diwan Todar Mall Hallat Gurdwara Sri Fatehgarh Sahib** and participated in the **Women's Conference** dedicated to the **martyrdom of Chhote Sahibzada and Mata Gujri Ji.**

On January 15, 2021, faculties from various departments of the college (Arts, Commerce, Science, Literature, etc.) conducted an **online poster making** competition of about 72 students on the theme '**Kisan Morcha**'.

On the occasion of **International Women's Day** on March 8, 2021, **Principal Dr. Dharminder Singh Ubha** gave a lecture on the **Rights, Security and Contribution of Indian Women.**

On the occasion of **International Women's Day** on March 9, 2021, various events were organized under the direction of the Principal Secretary, Department of Social Security, Women and Child Development, Punjab Government. A lecture was given to the students to make them aware of the need to prevent the use of derogatory language against women. A **rally** was organized and students' **slogan writing competitions** were conducted on the same subject.

62. Chem Club:

On December 11, 2020, Chem Club, under the supervision of Head of the Department of Post Graduate Chemistry **Dr. Anju Khullar** and the convener

of the club **Dr. Ratanpal Singh Randhawa** organized a **quiz** for the undergraduate students on Basics of Chemistry.

During this session **02 National Webinars, 01 Lecture and 01 National Workshop (Advance Instrumental Techniques in Chemistry on 10 March 2021)** were conducted by the club.

63. Brave Hearts Club:

On 27th November 2020 under the able guidance of **Dr. Deepinderjit Randhawa** Head of English Department and the efforts of the convener of the club **Prof. Jaspreet Kaur** a program on the theme '**Spreading Happiness**' was organized during which **school shoes** were distributed to the poor students of Daya Sagar School Patiala. **Necessary items** were distributed to the children on the occasion of 551st birth anniversary of Guru Nanak Dev Ji.

64. Heritage Conservation Club:

On 14 August, 2020, under the able guidance of **Prof. Sandeep Chahal**, Convener of the Heritage Conservation Club, a program **Jis Ghar Dhiyan Uss Ghar Teej** was held **online** in which **competitions based on Mehndi, Punjabi culture, dress exhibition** were dedicated to the daughters. A competition on songs based on the month of *Sawan* was also held.

65. Dr. Ganda Singh Career Guidance, Counseling and Placement Center:

During this session under the able guidance of the convener of Career Guidance, Counseling and Placement Center, **Dr. Jasleen Kaur**, the Center conducted **07 placement drives**.

First Placement Drive was organized on 21 October 2020 at **Health Care Pharma, Mohali**, second Placement Drive was on 02nd November 2020 at **Genius Brain**, third Placement Drive was on 10th December 2020 at **Wipro's Virtual**, fourth was at **Kotak Life's Virtual Placement Drive** on February 5, 2021, fifth was on 11 February 2021 at **Biopar's Virtual Placement Drive**, sixth was **ICICI Prudential's Virtual Placement Drive** on 16 February 16,

2021, seventh was on 26 February 2021 at **Brand Konnect's Virtual Placement Drive.**

The Center conducted **02 Student Induction Programs:**

On 18th August 2020, **Student Induction Program** for students of School of Commerce and Management Part II and III and on 12th October 2020. **Induction Program** for Part I students was organized.

In addition to the above, the Center conducted a seven day **faculty development program on E-Content Development** for the teachers from 22 June to 06 July 2020.

Faculty Recharge Program was conducted on 18 August 2020.

Online **"Motivation and Training Programme: Preparing for NAAC"** was organised on 01 December 2020.

On 18 February 2021 workshop on **"ICT Enablement for Better E-Governance"** was organised.

On 27 April 2021 one day workshop on **"Tips and Trips to Handle the Webpage/Website"** was conducted.

Remedial classes were conducted from 5-14 September 2020.

On 03 November 2021 the students of B.SC Mathematics (Hons) Part III were selected in the **Department of Post Government of India.**

On April 1, 2021, the students were prepared for the **online interview** by **Almabay.**

On 21st June 2021, **DBE, Patiala** provided information on **Skill Development of Artificial Intelligence and Data Science** and **online registration** of students was done.

66. Buddies Group:

With the efforts of **Dr. Gorakh Singh**, the convener of the buddies group, **poster making competition** was organized on 12 October 2020 on the theme **Say No to Drugs.**

Debate on Drug Effects and Prevention was held on 16 November, 2020.

Online Running Challenge was given to the students on 16 December 2020 through the mobile app. Students' **volleyball matches** were held on January 27, 2021.

Poster Making Competition on Environment and Road Safety was held on 09 February 2021.

A **Poster making competition** was held on 06 May 2021 during which **Dr. Mamta Sharma** distributed prizes to the winning students.

Apart from the above, **01 seminar** and **07 lectures** were organized by the department.

67. Library:

During this session **Rs. 1122660/-** were spent on purchasing **2281** new books. This brings the total number of books in the library to **45,000**. So far **1921** books have been issued to college students, teaching and non-teaching staff. Out of PTA fund, **225 books** were issued free of charge for the entire session to **62** deserving and needy students of the college which costs **Rs. 22568**. The library has **80 journals** and **magazines** pertaining to different departments. At present **18 newspapers** in English, Hindi and Punjabi languages are coming in the library. The College Library has three e-resources n-list (5900/-), J-gate (67522/-), Delnet (13570/-). A large number of e-journals and e-books can be found online through these e-resources. The library has been automated to streamline its operations. Library OPAC was connected with the college website for searching college library records. By connecting to the college's website web OPAC was created so that readers can search library records from any part of the world. The College Library is the first library where this facility is being provided. **RFID (Radio Frequency Identification)** has been installed in the library to prevent theft of books.

68. College Magazine 'Naviyan Paidhan':

Under the guidance of the Chief Editor **Dr. Harvinder Kaur**, the College Magazine of the year 2020 '**Naviyan Paidhan**' was launched to highlight and nurture the hidden literary talent in the students and to provide them information about the activities and achievements of the college .In this magazine, **Dr. Harwinder Kaur (Hindi)**, **Dr. Nipunjot Kaur (Science Section)**,**Dr. Jeewant Kaur (Photography Section)**, **Dr. Navdeep Kaur (English Section)**,**Dr. Komaldeep Kaur (Commerce and Management)** **Dr. Imtiaza (Agriculture Section)**, **Dr. Sarabjit Singh (Punjabi Section)** and **Prof. Satveer Kaur (Computer Section)** worked as the teachers in-charge of their respective sections.

Thanking you

Dr. Dharminder Singh Ubha
Principal