

Annual Convocation

Annual Report 2018-19

Chief Guest

Dr. Deborah L. Ford

Chancellor, University of Wisconsin, Parkside, U.S.A.

Guest of Honour

Dr. Abey Kuruvilla

**Executive Director, International Affairs,
University of Wisconsin, Parkside, U.S.A.**

S. Surjit Singh Rakhra
Honorary Secretary, Governing Body

Dr. Dharminder Singh Ubha
Principal

General Shivdev Singh Diwan Gurbachan Singh
KHALSA COLLEGE PATIALA
An Autonomous College
Under the Management of S.G.P.C., Sri Amritsar Sahib
Affiliated to Punjabi University Patiala
NAAC Accredited 'A' Grade
College with 'Potential for Excellence' Status by UGC

18 October 2019

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General Shivdev Singh Diwan Gurbachan Singh
KHALSA COLLEGE PATIALA

Honorable Chancellor Dr. Deborah L. Ford, Executive Director Dr. Abey Kuruvilla, eminent personalities in the field of education, Principals of colleges, faculty members, Ex staff members, press members, and dear students who are here to receive their degrees, I, on behalf of college management committee and college staff members, extend a warm welcome to you at the special occasion of diamond jubilee celebration of the establishment of the college and the annual convocation of the college.

It is a matter of great pride for General Shivdev Singh Diwan Gurbachan Singh Khalsa College Patiala that a renowned personality in the field of higher education Dr. Deborah L. Ford, Chancellor, University of Wisconsin, Parkside, U.S.A, is present among us to award the degrees to students. Dr. Ford is a versatile personality who has been transforming lives with her progressive vision and untiring efforts. A strong believer in community engagement and building partnerships, Dr. Ford is actively connected with many organizations. She also serves at Higher Education Regional Alliance (HERA), Workforce Development Boards in Racine and Kenosha, Council for Adult and Experiential Learning Board (CAEL). Dr. Ford served as a member of the National Council for Accreditation of Teacher Education Commission on Standards and Performance Reporting. In June 2014, she was recognized by the Network for Change and Continuous Innovation (NCCI) as one of the three recipients of the inaugural Leaders of Change Recognition Program Award. In 2015, the Milwaukee Business Journal honored Dr. Ford with its Women of Influence Award. She is presently serving as Chancellor, University of Wisconsin, Parkside, U.S.A. Dr. Ford always emphasizes upon an inclusive learning community and sustainable growth.

It is also a matter of honour for the college that Dr. Abey Kuruvilla, Executive Director, University of Wisconsin, Parkside, U.S.A, is present among us as Guest of Honor to award degrees to students. Dr. Kuruvilla has taught at Oakland University, Lawrence Tech University, Wayne State University, and University of Louisville, USA. He is currently teaching Sustainable Management Programme at University of Wisconsin. His primary research interests are Ambulance Diversion

in Emergency Medical Systems and Sustainable Tourism Management. Dr. Kuruvilla has developed a new research interest in the area of Human Aspects of Operations Management, particularly cross-cultural communication in virtual projects. We extend a warm welcome to you, sir, for honoring us with your presence at the Annual Convocation of Khalsa College, Patiala.

General Shivdev Singh Diwan Gurbachan Singh Khalsa College, Patiala has carved an important niche among the educational institutions in Punjab. Sri Guru Singh Sabha, Patiala and the great personalities connected with it namely Padamshree Dr. Khushdeva Singh and Dr. Ganda Singh, and Gurdwara Sri Dukhniwaran Sahib, Patiala played a major role in the establishment of Khalsa College, Patiala. General Shivdev Singh Diwan Gurbachan Singh Trust gave an important contribution to the growth of Khalsa College, Patiala. The college reached the peak of success under the aegis of Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib.

It is a matter of great honour for the college that prominent and respected personalities of Sikh religion, Panth Ratan Late Jathedar Gurcharan Singh Tohra, Bibi Jagir Kaur, Prof. Kirpal Singh Badungar, Jathedar Jagdev Singh Talwandi and Jathedar Avtar Singh were the presidents of the management committee of the college.

Bhai Gobind Singh Ji Longowal, President, Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib and also the President of management committee of the college, is thoroughly dedicated to the promotion of Sikh religion, culture, and education. The college is reaching new heights under his able guidance. The college is also progressing academically and in other fields at national and international levels under the guidance of Dr. Tejinder Kaur Dhaliwal, Director Education, Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib, Dr. Roop Singh Ji, Chief Secretary, S. Avtar Singh Sampla, Education Secretary, and S. Surjit Singh Ji Rakhra, Honorary Secretary of the College Governing Body.

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During this session, the college gained new heights as the faculty members advanced in innovative research work and the students brought laurels to the college in academic, sports and cultural activities at national and international

levels. The college also signed an M.O.U. with Synergy University Moscow, Russia in September, 2018 to connect the students and teachers academically at international level. On 12th November 2018, Bhai Gobind Singh Ji Longowal, President, Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib, Dr. Abey Kuruvilla, Director, International Affairs, University of Wisconsin and Sardar Darshan Singh Dhaliwal from Rakhra family signed an M.O.U. between Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib, University of Wisconsin and Dhaliwal (Rakhra) family.

1. Admissions:

6446 students took admission in the college including 3935 boys and 2511 girls.

2. Academic Achievements of Students and Teachers:

2.1 Academic Achievements of Teachers:

During this session Dr. Komaldeep Kaur completed Ph.D. research from Desh Bhagat University, Mandi Gobindgarh and Dr. Satwinder Kaur, Dr. Heena and Dr. Amarpreet Kaur completed Ph.D. research from Punjabi University, Patiala.

Prof. Sukhmandeep Kaur cleared GATE Exam in March 2018 and cleared NET(JRF) Exam in June 2018.

2.2 Academic Achievements of Students:

2.2.1 Academic Achievements of Students at National Level:

It is a matter of pride for the college that during this session 25 students qualified the UGC JRF/NET exam: M.Sc. Mathematics–5 JRF, 5 NET, M.A. Punjabi–7 NET, M. Com.–1 JRF, 2 NET, M.Sc.(IT)–1 NET, M.Sc.(Chemistry)–1 NET, M.A.(English)–2 NET, M.A. (Music, Vocal)–1 NET.

2.2.2 Students with First Position in College:

During the session 2017-18, there were great achievements by students of the college under the able guidance of the teaching staff of college. Following students of the college got 1st position in their classes and secured more than 85% marks:

Manpreet Kaur, B.Sc. Non-medical I got 92.9% marks, Samandeep Kaur got 89.79% marks and got 1st positions in their classes. Gurpreet Sharma of B.Sc. Medical I got 1st position with 88.05% marks, Upinder Kaur B.Sc. Medical II got 1st position with 90.8% marks, Harmanbir Kaur Randhawa, B.Sc. Medical III, got 1st position with 86% marks. Gurneet Kaur, B.Sc. Agriculture I got 1st position with 85.2% marks and Navreet Kaur, B.Sc. Agriculture II got 1st position with 90.2% marks. Mehakpreet Kaur, B.Sc. Biotechnology I got 1st position with 86.20% marks and Navdeep, B.Sc. Biotechnology II got 1st position with 87.7% marks. Komaldeep Viridi, B.Sc. CSM I got 1st position with 89.8% marks, Harpreet Kaur B.Sc. CSM II got 1st position with 85.7% marks, Mamta Rani, B.Sc. CSM III got 1st position with 90.14% marks. Sifti, B.Sc. Honours Mathematics I got 1st position with 89.6% marks, Ashweta Vaasan, B.Sc. Honours Mathematics II got 1st position with 89.5% marks and Kanchan, B.Sc. Honours Mathematics III got 1st position with 85.55% marks. Vidhi Dembla, B.Sc. Honours Physics II got 1st position with 89.5% marks. Jaspreet Kaur, B.Sc. Honours Chemistry I got 1st position with 91.15% marks, Dewangi Sharma, B.Sc. Honours Chemistry II got 1st position with 91.3% marks and Kirandeep Kaur B.Sc. Honours Chemistry III got 1st position with 91.62% marks. Gurnoor Kaur B.Com. I got 1st position with 90.85% marks and Manmeet Kaur, B.Com. II got 1st position with 92.09% marks. Pratishka Sarkar B.Com. Honours I got 1st position with 91.65% marks and Charu, B.Com. Honours II got 1st position with 86.65% marks. Amrose Kaur B.B.A. I got 1st position with 88.00% marks and Shakshi Rani B.B.A. II got 1st position with 87.72% marks. Harmanpreet Singh, B.C.A. I got 1st position with 87.5% marks. Simran Grover, B.A. I got 1st position with 94.15% marks and Jyoti, B.A. II got 1st position with 90.2% marks. Navdeep Kaur, B.Voc. Food Processing and Engineering I got 1st position with 87.7% marks, Harsimran Kaur B.Voc. Food Processing and Engineering III got 1st position with 87.6% marks. Yadwinder Singh Cheema, B.Voc. Software Development I got 1st position with 86.00% marks, Pushapdeep Kaur, B.Voc. Software Development II got 1st position with 85.35% marks and Gurkirat Kaur, B.Voc. Software Development III got 1st position with 94.00% marks. Gurmeet Singh, B.Voc. Automobile I got 1st position with 86.00% marks. Simranjit Kaur, M.L.D. I got 1st position with 87.7% marks and Divjot Kaur Kahlon, M.L.D. II got 1st position with 90.00% marks. Lavika, M.Com. I got 1st position with 92.5% marks and Gursimran Kaur, M.Com. I got 1st position with 89.80% marks. Ramna M.Sc. Chemistry II got 1st position with

89.60% marks. Maheep Kaur, M.Sc. Physics I got 1st position with 86.95% marks and Anisha Gupta, M.Sc. Physics II got 1st position with 86.00% marks. Gursharan Kaur, M.Sc. Fashion Designing and Technology I got 1st position with 86.3% marks and Radhika Vaid, M.Sc. Fashion Designing and Technology II got 1st position with 94.70% marks. Amandeep Sharma, M.Sc. Agriculture I got 1st position with 91.4% marks, Gurjant Singh, M.Sc. Agriculture II got 1st position with 90.90% marks. Ramanjit Kaur, M.Sc. IT I got 1st position with 86.05% marks and Shehnaz, M.Sc. IT II got 1st position with 86.40% marks. Lakhwinder Kaur, Gitika Singla, M.Sc. Mathematics I got 1st position with 96.00% marks, Rajinder Kaur, M.Sc. Mathematics II got 1st position with 95.00% marks. Navdeep Kaur, M.Sc. Statistics I got 1st position with 88.05% marks. Manisha, M.A. Music Vocal I got 1st position with 93.75% marks and Perti Jain, M.A. Music Vocal II got 1st position with 89.40% marks. Amandeep Kaur, M.A. Psychology II got 1st position with 86.7% marks. Amanpreet Kaur, M.A. Political Science II got 1st position with 85.00% marks.

3. International Conferences Organised by the College:

3.1 2ndKhalsa College Global Punjabi Conference:

The college organised 2ndKhalsa College Global Punjabi Conference on 10th and 11th March 2019. The conference was dedicated to the 550th Birth Anniversary of Sri Guru Nanak Dev Ji. Bhai Gobind Singh Longowal, President, Shiromani Gurdwara Prabandhak Committee, Sri Amritsar Sahib, was present as Chief Guest during the inaugural session of the conference. The conference was presided over by Member of Parliament, S. Balwinder Singh Ji Bhundar. The key note address was delivered by Padam Shri Dr. Surjit Pattar. The valedictory session of the conference was presided over by S. Surjit Singh Rakhra, Honorary Secretary, College Governing Body. S. Ajaib Singh Chatha from Canada was present as Guest of Honour. Intellectuals from 9 countries shared their views during the conference.

3.2 Sustainable Agriculture, Food Security and Environment International Conference:

The College organised Sustainable Agriculture, Food Security and Environment International Conference in association with Association of Punjab

Geographers on 2nd and 3rd November 2018. Padam Shri Sant Baba Balbir Singh Ji Seechewal, Environment Ambassador of the Indian Government was present as Chief Guest. During the closing ceremony of the conference Prof. Pritam Singh, Professor, Oxford School of Global and Area Study, Oxford University, England gave the presidential speech. Delegates from 12 countries participated in this conference.

4. National Seminars/Orientation Programmes and Book Exhibition organised by the College:

4.1. National Seminar on 'Guru Nanak Bani's Vismad State: Futuristic Possibilities':

P.G. Department of English, Cultural Studies and Foreign Languages of the College organised One-day National Seminar on 'Guru Nanak Bani's Vismad State: Futuristic Possibilities' dedicated to the 550th Birth Anniversary of Sri Guru Nanak Dev Ji on 19th January 2019. Dr. Swaraj Raj, Head, Department of English, S.G.G.S. World University, Fatehgarh Sahib delivered the key note speech during the conference.

4.2 Sri Guru Nanak Dev Ji Da Sangeet Ate Sangeet Vigyan: Globalli Pripekh National Seminar:

P.G. Department of Music Vocal of the college organised one-day national seminar on 'Sri Guru Nanak Dev Ji Da Sangeet Ate Sangeet Vigyan: Globalli Pripekh' on 4 April 2019. Dr. Indrani Chakravarti, Former Vice Chancellor, Inderkala Music University, Kheragarh, Chhatisgarh, was present as Chief Guest of the inaugural session during the seminar dedicated to the Birth Anniversary of Sri Guru Nanak Dev Ji. Dr. Gurnam Singh, Professor, Department of Gurmat Sangeet, Punjabi University, Patiala presided over the seminar and delivered the key note speech.

4.3 Fertilizer Orientation Programme at National Level:

P.G. Department of Agriculture organised a two-day Fertilizer Orientation Programme at National Level in association with Fertilizer Association of India on 31st August and 1st September 2018. Dr. D.S. Yadav, Director Marketing, FAI, New

Delhi gave the key note speech. During the second day of the programme, S. Jasbir Singh Bains was present as Chief Guest.

4.4. Orientation Programme:

One day orientation programme was organised for all teaching staff members on 20th August 2018.

One day orientation programme was organised for all non teaching staff members on 21st August 2018.

IQAC cell organised one day workshop on "Fundamentals of Internet and E-mail Security" for teaching and non teaching staff members on 25th March 2019.

4.5. National Book Exhibition:

The college organised two-day book exhibition on 5th and 6th September 2018 in which around 12 publishers participated at National and International levels. Veera Redanko, Head, International Division, Synergy University, Moscow inaugurated the exhibition.

5. Research Papers Presented/Participation in International Conferences:

5.1 Research Papers presented at International Conferences in Foreign Countries:

During this session Prof. Inderbir Kaur presented a research paper on **Deployment of Cloud Computing in Higher Education Sector: A Critical Review of Indian Perspective Research-in-Progress** at 524th IRES International Conference on Science Technology and Management (ICSTM), London(UK) on 18-19 December 2018.

5.2 Research Papers presented by Teachers during International Conferences:

Dr. Harvinder Kaur presented a research paper on **Pravasi Kathakara Susham Bedi Tatha Veena Verma Ki Kahanian: Vibhin Smasyaon Ke Pripekshat** Two-day International Conference at Gujranwala Guru Nanak Khalsa College, Ludhiana on 21-22 February 2019.

During International Conference on Sustainable Agriculture, Food Security and Environment organised by PG Department of Agriculture and PG Department of Geography, Dr. Harjit Kaur presented a research paper on **Gurbani Vatavarn Ate Ajoka Manukh**, Dr. Rouble Brar presented a research paper on **An Eco-critical Re-Reading of Coleridge's 'The Rime of the Ancient Mariner' and Shelley's 'The Ode to the West Wind'**, Dr. Anju Khullar and Dr. Heena presented research paper on **Medicinal Importance of *Abrus precatorious* Linn**, Dr. Jagtar Singh presented a research paper on **The Policies and Politics on Sustainable Agriculture: Specific Survey**, Prof. Jatinder Kaur presented a research paper on **Cloud Computing: An Operational Research Tool for Agriculture**, Prof. Inderbir Kaur and Prof. Gurpal Singh presented a research paper on **Cloud Computing: A Revolutionary Concept to Elevate the Agriculture Sector**, Dr. Jasmeen Tiwana presented a research paper on **An Exploratory Study of Farmers Suicide in Punjab**, Prof. Navdeep Kaur presented a research paper on **Eco-critical Dimensions in the Novels of Margaret Atwood**, Dr. Rupy Dhir presented a research paper on **Nanomaterials based sensors for the detection of pathogens and Toxins in Foods: A Review**, Prof. Tripat Kaur presented a research paper on **Agrarian Crisis, Indebtedness and Farmers Suicide In Punjab: Crisis Challenges and Wayouts**, Dr. Baljinder Kaur presented a research paper on **Commercialization of Agriculture during British Period (1850-1947)**, Dr. Gorakh Singh presented a research paper on **Analysis of Land Used Pattern in Punjab: 1997-98 to 2017-18 and Futuristic Eco-friendly Crop Planning Regions in Punjab: Analysis Based on 1997-98 to 2017-18**, Dr. Manvir Kaur presented a research paper on **Impact of Global Warming on Wall Paintings in Punjab: A Specific Survey**, Prof. Satvir Kaur presented a research paper on **Cloud Computing: An Operational Research Tool for Agriculture**, Prof. Amandeep Kaur presented research papers on **Development and Mechanization of Irrigation In Punjab: 1991-2011** and **Status of Net Irrigation Area in Punjab: 1991-2011**.

Prof. Vikram Gupta and Dr. Sarbjit Singh Bhatia presented a research paper on **Empirical Study in Validation of Cloud Based ERP Framework** during International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC) at Kanchipuram, Tamil Nadu on 30-31 January 2019.

Prof. Namarta presented a research paper on **A New Alpha Cut Approach to Solve Fuzzy Game Problem** during 3rd International Conference of Science, Technology and Management at Chandigarh on 28 October 2018. Prof. Namarta also presented a research paper on **A New Approach to solve Fuzzy Game Problem and its Applications** during International Conference of Research and Development of India as Multidisciplinary Approach at Shivalik College of Engineering, Dehradun on 29-30 December 2018.

Dr. Sarabjit Singh Ahluwalia and Dr. Anamika Pokhria presented research paper on **Microbial Consortial For The Decolorization And Degradation of Acrylic Blue GRL Dye** during International Conference on Climate Change and Health and Agriculture Sustainability at Guru Jambheshwar University for Science and Technology, Hisar on 18-21 February 2019.

Dr. Rouble Brar presented a research paper on **Partition Violence Unhinges Future: A Study of Khushwant Singh's *Train to Pakistan* and Mahesh Dattani *Final Solutions*** during Joint International Conference on War Literature: Revisioning Across Genreat Government Mohindra College Patiala.

Dr. Anju Khullarpresented a research paper on **Synthesis Characterization And Screening of Substituted 4-Biphenyl Acetamides against *Fujerium Udum*** during 3rd International Conference of Science, Technology and Management on 28 October 2018.

Prof. Sapna presented a research paper on **New Era of Global Entrepreneurs: An Indian Perspective** at Synergy University Moscow, Russia on 26th February 2019.

During Global Punjabi Conference organised by Khalsa College Patiala on 7-8 March 2019, Dr. Jiwant Kaur presented a research paper on **Janam Sakhi Adhian-Bala Janamsakhi De Parsang Vich**, Dr. Gursimarjit Kaur presented a research paper on **Guru Nanak Dev Ji Di Vichardhara Vich Manukhta Nu Sandesh**, Dr. Gorakh Singh and Prof. Amandeep Singh presented a research paper on **Guru Nanak Bani Atte Vatavarnik Mudde**, Dr. Vandna Kapoor presented a research paper on **Parvasi Punjabi Natak Atte Rang Manch De Parmukh Rujhan**, Dr. Baljinder Kaur presented a research paper on **Guru Nanak Dev Ji Samaj Sudarak De Roop Vich Ik Parbhavshali Shakhsiat**, Prof. Manpreet Kaur

presented a research paper on **Khedan De Khetar Vich Istriyan Di Bhumika** and Prof. Gurjeet Kaur presented a research paper on **Guru Nanak Bani Vich Manukhta Di Vichardhara**.

Dr. Jasleen Kaur Nanda presented a research paper on **Conflictual Cultural Spaces: Impact of Globalization and Displacement vis-à-vis Margaret Atwood's *The Year of the Flood*** during 3-day International Conference on Multi Culturalism and Globalization at Osmania University, Hyderabad organised by Indian Society for Commonwealth Studies on 30-31 January and 1 February 2019. Dr. Jasleen Kaur Nanda also presented a research paper on **A Comparative Study of the Themes of Desire and Longing in the Poems of Kamala Das and Khushwant Singh's Translation of *Barahmah*** during 5th JGU International Literary Conference on 1-2 March 2019 at O.P. Jindal University, Sonapat, Haryana.

Dr. Vandna Kapoor presented a research paper on **Parvasi Punjabi Rang Manch Da Bhvikh** during 8th Global Punjabi Literary Conference on 9-10 January 2019 and Prof. Manpreet Kaur presented a research paper on **Parvasi Atte Badalde Parsang Vich Maa Khed Kabadi Di Dasha Te Disha**.

Dr. Heena and Dr. Anju Khullar presented a research paper on **Synthesis, Characterization and Screening of Acetamide** during 3rd International Conference of Science, Technology and Management organised by Punjab University Chandigarh on 28 October 2018.

Prof. Gurjeet Kaur presented a research paper on **An Analysis of Women Development in South Asian countries** during **South Asian History Conference** organised by Punjabi University Patiala on 1-3 February 2019, Dr. Amarpreet Kaur presented a research paper on **Women Reformers of Punjab Brahmo Samaj: A Case Study of Hemanta Kumari**.

Prof. Gurjeet Kaur presented a research paper on **Planning for Industrialization in Twenty First Century** during International Conference on Business of Health Care under 4th Industrial Revolution: Boon or Bane for Human Society, organised by Punjabi University Patiala on 15-16 November.

5.3 Research Papers Approved for International Conferences in Countries outside India:

Prof. Rajdeep Singh Dhaliwal's research paper on **Cytological Study in members of Chlorideae (Poaceae) from Haryana and Adjoining Shiwalik Hills** for International Conference on Emerging Trends in Science and Social Science organised by Institute of Integrated Regenerative Medicine at Kuala Lumpur, Malaysia on 3-4 May 2019 was approved.

Prof. Gurjeet Kaur's research paper on **Changing Pattern of Diseases and Public Health Care in Punjab** during Bi-Annual Punjab Research Group International Conference at Oxford University, London (UK) in 2019 was approved.

5.4 Participation of Teachers in International Conferences:

Dr. Varinderjit Kaur participated in 6th **International Conference on Advancements in Engineering and Technology** at Bhai Gurdas College of Engineering and Technology, Sangrur on 23-24 February 2018.

6 Research Papers Presented and Posters Presented by Teachers during National Conferences:

6.1 Research Papers Presented by Teachers during National Conferences:

Dr. Harvinder Kaur presented a research paper on **Parwasi Kathakara Susham Bedi ki Kahanion mein vibhin samaseaon ka chitran** during one day National Conference organised by Goswami Ganesh Dutt Sanatan Dharam College, Chandigarh on 2 February, 2019.

Dr. Gursharan Singh Gill presented a research paper on **Comparative Study of Selected Physical Fitness Components of Female Boxers, Fencers and Taekwondos: Impact of Technology on Future Professional Sports** during National Conference on Emerging Trends in Sports Training and Performance Enhancement (ETSTPE-2018) at Akal College of Physical Education, Mastuana Sahib, Sangrur on 16-17 March, 2018.

Prof. Jatinder Kaur presented a research paper on **Internet of Things: A Platform for Smart Agriculture** during DSIR Sponsored National Conference on

Agri-Smart-2018 using IoT for Driving Smart Agriculture organised by C-DAC, Mohali on 19-20 November, 2018.

Dr. Gorakh Singh and Prof. Amandeep Singh presented a research paper on **Role of Geography in Military Strategy** during National Conference on National Security and Strategy organised by Mohindra College Patiala on 9 March 2019.

Dr. Vandana Kapoor presented a research paper on **Punjabi Nukkar Natak Atte Lok Rang Manch: Antar Sambandh** during One-day National Conference organised by Swami Ganga Giri Girls College Raikot on 31 March 2018.

Dr. Heena presented a research paper on **Development of FPSE-HPLC-UV MetH.O.D for Analysis of Xenobiotics in Environmental and Food Samples** during National Conference on Recent Trends in Chemical and Environmental Sciences 2019 organised by Punjabi University Patiala on 7-8 February 2019.

6.2 Posters Presented by Teachers during National Conferences:

Dr. Sunil Kumar presented a poster on **Production potential and economics of vegetative barrier and improved forage species under degraded grassland conditions** during 21st National Symposium on Doubling Farmer Income through Agronomic Interventions under Changing Scenario organised by College of Agriculture, Maharana Pratap University of Agriculture and Technology Udaipur (Rajasthan) on 24-26 October 2018.

Dr. Mandeep Kaur presented a poster on **Changing Pattern in Floristic Diversity of Ambala District, Haryana** during International Biodiversity Congress (IBC 2018) and Expo organised by Forest Research Institute Dehradun on 4-6 October 2018.

7. Research Papers Presented by Teachers during International Seminars:

Dr. Kuldeep Kumar presented a research paper on **Guru Nanak Bani Da Sangeetak Adhyen** during Two-day International Seminar organised by Punjab University Chandigarh on 6-7 December 2018.

8. Research Papers Presented or Participation by Teachers during National Seminars:

8.1 Research Papers Presented by Teachers during National Seminars:

Dr. Manwinder Kaur and Jiwanjot Kaur, M.Sc. Agriculture (Vegetable Science) student, presented a research paper on **Regression Analysis in Agriculture Science: Discussion** during National Seminar on Advances in Mathematical and Information Sciences organised by Sri Guru Teg Bahadur Khalsa College, Sri Anandpur Sahib on 23 February 2019.

Dr. Vandana Kapoor presented a research paper on **Media Da Punjabi Bhasha Sahit Atte Sabhyachar Utte Parbhav** during National Seminar on Punjabi Bhasha Sahit Atte Sabhyachar: Mool Sarokar organised by Dashmesh Khalsa College Zirakpur on 30 November 2018 and Dr. Manpreet Kaur presented a research paper on **Sabhyachar Rupantaran Lok Kheda De Vishesh Parsang Vich**.

Prof. Manish Kumar presented a research paper on **Uttam Vidiarthi De Lachhan Atte Geeta** during National Seminar on Vidiarthi Jivan Vich Srimad Bhagwad Geeta Di Upyogita organised by Department of Sanskrit, Arya College Ludhiana on 14 February 2019.

8.2 Participation by Teachers during National Seminars:

Dr. Pushpinder Kaur and Dr. Jagrup Kaur participated as a delegate in National Seminar on Punjabi Sahit: Hari Kranti De Hawale Naal organised by Sri Guru Granth Sahib World University, Fatehgarh Sahib on 6 February, 2019.

Prof. Shabnam participated as a delegate in National Seminar on the Poetics of Vismad organised by P.G. Department of English, Khalsa College Patiala on 19 January 2019.

9. Achievements of Students related to Academic Research:

Students of M.Sc. Agriculture (Agronomy) Part-II from P.G. department of Agriculture, Jasvir Kaur presented a poster on **Effect of Spacing & Varieties on Production Potential of Potato (*Solanum tuberosum* L.) Under Irrigated Conditions of Punjab**, Amanpreet Singh presented a poster on **Effect of Different**

Doss of Integrated Nutrient Management on Productivity and Quality of *Stevia* (*Stevia rebundiana* Bert.) Under Irrigated Conditions of Punjab and Jagwinder Singh presented a poster on **Chemical & Mechanical Weed Control in Barley (*Hordeum vulgare* L) Crop under Irrigated Conditions of Punjab** during 21st National Symposium on Doubling Farmers Income Through Agronomic Interventions under Changing Scenario at Maharana Pratap University of Agriculture and Technology, Udaipur (Rajasthan) on 24th to 26th October 2018.

10. Participation of Faculty Members in Orientation Programme/ Refresher Course/Faculty Development Programme/ Short Term Course/ Workshop and Exhibitions:

10.1 Orientation Programme:

Prof. Rashi Bansal and Prof. Bharat Goyal participated in Orientation Programme organised by Punjab University Chandigarh from 1-28 May 2018 and Dr. Manwinder Kaur participated in Orientation Programme organised by Punjab University Chandigarh from 11 December 2018 to 7 January 2019. Prof. Sapna attended Orientation Programme organised by Punjabi University, Patiala from 21 May 2018 to 16 June 2018.

10.2 Refresher Course:

Prof. Navdeep Kaur, Dr. Komaldeep Kaur, Prof. Rashi Bansal, Dr. Imtiaz, Dr. Jasmine Tiwana and Prof. Bharat Goyal participated in Refresher Course on Research Methodology held at Punjabi University, Patiala on 01-21 December 2018. Prof. Lal Singh attended Refresher Course from 18 June 2018 to 7 July 2018.

10.3 Faculty Development Programmes:

Prof. Jatinder Kaur, Prof. Inderbir Kaur, Prof. Gurpal Singh and Prof. Satvir Kaur participated in Faculty Development Programme on the topic An Effective Use of ICT in Transforming Traditional Learning and Development of MOOC's at Thapar University Patiala on 1-3 June 2018.

Dr. Nipunot Kaur attended Faculty Development Programme on 07-11 February 2019.

Dr. Gorakh Singh participated in 7-day Faculty Development Programme held at Khalsa College Patiala on 18-24 December 2018.

10.4 Short-term Courses:

Dr. Sarabjit Singh Ahluwalia attended 7-day Short-term Course on Advances in Enzymes and Bioprocess Engineering held at Dr. B.R. Ambedkar National Institute of Technology, Jalandhar on 7-9 February 2019.

Prof. Sapna attended 12-day course on the topic International Entrepreneurship at Synergy University Moscow, Russia from 18 February 2019 to 01 March 2019.

10.5 Participation in Workshops:

Dr. Gursharan Singh Gill participated in 7-day National Workshop on Research Methodology and SPSS held at Department of Physical Education, Punjabi University, Patiala on 12-18 April 2018.

Dr. Gurvir Singh participated in workshop from 03-17 December 2018 on the topic "Workshop on Hermeneutics of Guru Nanak Bani".

Prof. Inderbir Kaur and Prof. Gurpal Singh participated in 7-day workshop on MOOC and E-Content Generation held at Guru Nanak Dev University, Sri Amritsar on 21-27 February 2019.

Dr. Satwinder Kaur and Prof. Gurjit Kaur participated in workshop on Agrarian Distress and Public Policy Options organised by Department of Economics, Planning Commission Chair Centre for Development Economics and Innovation Studies, Punjabi University Patiala on 28 February 2019.

Dr. Satinder Kaur participated in 5-day workshop on STC on Micro Controller organized by Department of Electronics University College of Engineering (UCOE) Punjabi University Patiala on 7-11 January 2019.

Prof. Manish Kumar participated in 7-day workshop on Language, Literature and Linguistics organised by Department of Sanskrit, Punjabi University, Patiala on 20-26 March 2018.

10.6 Participation in Exhibitions:

Dr. Manvir Kaur participated in International Exhibition 'L' ARTE CHE AMI 2018 organised by Arts Aroma held at Nehru Centre London 11 May 2018.

11. Research Papers of Faculty Members Published in International Journals:

Dr. Gursharan Singh Gill's research paper titled **Impact of SAQ and Plyometric Training on Speed Ability for Handball Players** was published in International Journal of Physiology, Nutrition and Physical Education, Vol:4, Issue:1, 2019, pp:113-15 (ISSN:2456-0057, Impact Factor 5.43) and a paper titled **Mode of Conveyance Effects Body Mass Index of School Girls of Punjab in India** was published in International Journal of Yogic, Human Movement and Sports Science, Vol:3, Issue:2, 2018, pp:848-851 (ISSN:2456-4419).

Prof. Vikram Gupta and Dr. Sarvjit Singh Bhatia's three research papers were published collectively. The paper titled **Empirical Study in Validation of Cloud Based ERP Frame work** was published in International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC), a paper titled **Review and Evaluation of Security Issues on Cloud Computing** was published in International Journal of Recent Technology and Engineering (IJRTE) Scopus Indexed (ISSN:2227-3878 Vol.7, Issue:5 January 2019) and a paper titled **Reliable Cloud Based Framework for the Implementation of ERP** was published in International Journal of Innovative Technology and Exploring Engineering Scopus Indexed (ISSN:2278-3075 Vol.8, Issue:4 February 2019).

Prof. Namarta's research paper titled **A New Alpha Cut Approach To Solve Fuzzy Game Problem** was published in International Journal of Management Technology and Engineering (2018, Vol: 8, Issue: X, ISSN:2249-7455).

Dr. Sarabjit Singh Ahluwalia's paper titled **Microbial Consortium of *Aspergillus fumigatus*, *Aspergillus terreus* and *Paenibacillus dendritiformis* in the bioremoval of Cadmium** was published in International Journal of Pharmaceutical Research, (2018) 10(3) 230-238.

Dr. Anju Khullar's paper on **Synthesis of Substituted 4- Biphenyl Acetamide Derivatives** was published in Asian Journal of Chemistry issue 31(3) 510^514, 2019. Dr. Anju Khullar and Dr. Heena's paper titled **Synthesis Characterisation Of Substituted 4- Biphenyl Acetamide Derivatives Against *Fuserium udum*** was published in International Journal of Management Technology and Engineering:2512-2518, 2018.

Dr. Jiwant Kaur's paper titled **Baba Ala Singh in the writing of Sir Syed Mohammad Latif and Dr. Hari Ram Gupta** was published in International Journal Chintan Issue:30, April –June 2018, Acharya Academy, Bharat and a paper titled **Agrarian Structure of Maharaja Ranjit Singh** was published in International Journal Pramana Issue:28(11), April –June 2018, Acharya Academy, Bharat.

Dr. Jasmine Tiwana's research paper titled **A Study of Financial Performance Evaluation of Housing Development Finance Corporation Limited** was published in International Journal of Emerging Technology of Innovative Research, February 2019, Vol.6, Issue:2, PP:472-481, ISSN:2349-5162.

Prof. Navdeep Kaur's research paper titled **Depicting Woman as a Cyborg in Margaret Atwood's *The Edible Woman* and *The Handmaid's Tale*** was published in International Journal of English Language, Literature In Humanities, January 2019, Vol.7, Issue:1, ISSN:2321-7065.

Dr. Gursimarjit Kaur's research paper titled **Growth and Financing of Higher Education Sector in India** was published in Universal Review Journal, November 2018, Vol.7, Issue:11, ISSN:2277-2723.

Dr. Rupy Dhir's research paper titled **Synthesis and characterization of diselenide derivatives of 4-substituted NN Disopropylpyridine-2-Carboxamide: X Ray Structure of Bis (3-{4-Chloro-N,N Disopropylpyridine - 2-carboxamide}) diselenide** was published in International Journal of Computer Applications, July 2018 ,ISBN 973-93-80795-38-3.

Prof. Rajdeep Singh Dhaliwal's paper titled **Cytomorphological Study in Genus *Cenchrus L.*: An Important Medicinal Plant from North India**

(**Family:Poaceae**) was published in International Journal Cytologia, 2018, 83(1)45-52 by The Japan Mendel Society.

Prof. Amandeep Sidhu's paper titled **Work Life Balance: Biggest Challenge of Modern Day Working Woman in Punjab** and Prof. Inderbir Kaur Aulakh's paper titled **Woman Power in Financial Decision Making-A Study of Punjab** were published in International Journal of Business Quantitative and Applied Management Research, 2017 Vol:4 Issue: 5, ISSN 2349-5677.

Prof. Bharat Goyal's paper titled **Two stage specially structured flow shop scheduling including transportation time of jobs and probabilities associated with processing times to minimize total waiting time of jobs'** was published in International Journal of Emerging Technologies and Innovative Research Vol:5 Issue 6.

Prof. Bharat Goyal's paper titled **Specially structured flow shop scheduling in two stage with concept of job block and Transportation time to Optimise total waiting time of Jobs** was published in Scopus Indexed International Journal: International Journal of Engineering and Technology Vol: 10 Issue:5.

Prof. Mohinder Lal and Prof. Sandeep Singh's paper titled **Effect of sowing date and nitrogen level on growth and yield of Barley (*Hordeum vulgare* L.)under irrigated condition of Punjab region** was published in *International Journal of Agriculture Sciences* (ISSN: 0975-3710 & E-ISSN: 0975-91-7, Volume 10, pp: 5785-5787 Issue: 7 Nov. 2018).

Dr. Baljinder Kaur's paper titled **Sirhind Da Lahoo Bhijiya Itihas** was published in International Journal of Punjabi Literature: Language and Culture Aseem Publication Canada (ISSN:2561-9564, January to April 2018).

Prof. Lakhwinder Singh's paper titled **Medicinal and Pharmacological Properties of Different *Ficus* Species: A Review** was published in International Journal of Creative Research Thoughts Volume 6, Issue 2 April 2018 pp705-709.

Dr. Sunil Kumar's paper titled **Study on the performance of vegetative barriers and improved forage species on productivity of degraded grasslands**

was published in International Journal of Current Microbiology and Applied Sciences. 2018;7 (7) : 254-263 and a paper on **Alleviating the adverse effect of water stress in Wheat by Foliar spray of Bio-regulators** was published in International Journal of Current Microbiology and Applied Sciences. Special issue 2018; 7 (7): 3345-3354.

Dr. Satinder Kaur's paper titled **A Study on attributes of service level agreement for cloud computing services** was published in International Journal of Business Management and Research Volume 8 Jan -June 2018:pp 28(ISSN :2249-2143).

Prof. Dimple's paper titled **Numerical Inversion of Laplace Transform Based on Bernstein Operational Matrix** was published in Mathematical Meth.O.Ds in Applied Science Journal (John Wiley SCI, Volume:41, 2018, PP:9231-9243) and a paper **Modification of Laplace Adomain Decomposition Meth.O.Dfor Solving Non Linear Volterra Integral and Intergro-Differential Equations Based on Newton Raphson Formula** was published in European Journal of Pure and Applied Mathematics (Volume:11, Issue:1, 2018, PP:202-214).

Prof. Vidhu Gupta's paper titled **A Note On Kevi Ring and On W-\$-I-Open Sets** were published in International Journal of Management Technology and Engineering July 2018, Volume:8, Issue:7, ISSN:2249-7455.

Dr. Satinder Kaur's paper titled **A Study on Attribute of Service Level Agreement For Cloud Computing Services** was published in International Journal of Business, Management and Research Vol:8 Issue: 1, Jan-June 2018, PP:28, ISSN 2249-2143.

12. Research Papers of Faculty Members Published in National Research Journals:

Prof. Amandeep Sidhu's paper titled **Are Women Able to Manage Their Work Life Balance?** and Prof. Inderbir Kaur Aulakh's paper titled **Financial Autonomy of Women in Punjab** were published in Journal of General Management Research Vol:4 Issue: 2, ISSN 2348-2869.

Prof. Kamlesh Kumar's paper titled **Effect of Nitrogen and Zinc on Growth and Quality Character of Winter Maize (*Zea Mays* L.) Under Irrigated Condition of Punjab** was published in Agriways Journal 2018; 6 (2):27-31. Dr. Harpreet Kaur and Prof. Kamlesh Kumar co-authored paper titled **Effect of Integrated Nutrient Management Practices on the Growth and Yield of Potato (*Solanum Tuberosum* L.) Under Irrigated Condition of Punjab** published in Agriways Journal 2018; 6 (2) 4-10.

Prof. Mohinder Lal's paper titled **Effect of nitrogen and phosphorus on growth parameter and yield of canola (*Brassica napus* L.)** was published in Journal of Pharmacognosy and Phytochemistry E-ISSN: 2278-4136 P-ISSN: 2329-8234, 2019;8(1): 380-384.

Dr. Vandna Kapoor's article on **Bharti Lok Rang Manch: Abhinay Atte Prastuti Vidhan** was published in Literary Magazine Shabad Boond June 2018, Issue:157 page:56 by Haryana Punjabi Sahit Academy.

Prof. Lakhwinder Singh's research paper titled ***Asparagus racemosus*: The Plant With Immense Medicinal Potential** was published in Journal of Pharmacognosy and Phytochemistry 2018; 7(3): 2199-2203 and a paper titled **Study on Performance of Poplar Clones In Relation To Soil Condition And Growth Regulator Application In Nursery** was published in The Journal of Phytopharmacology 2018; 7(3): pp-1-4.

Dr. Satwinder Kaur's paper on **Economics of Pulse Cultivation in Punjab** was published in World Journal of Social Sciences Research California, U.S.A., Issue:5 ISSN 2332-5534.

Dr. Heena's paper titled **Coulometry, Mass Spectrometry, Cyclic Voltammetry, Anode Stripping Voltammetry** was published in U.G.C. Module: Environmental Sciences E-Pathshala.

13. Research Books/translated books published by faculty members:

13.1 Dr. Gursharan Singh Gill's Text Book of **Physical Education and Sports for B.A. I** and **Text Book of Physical Education and Sports for B.A. II** were published by AP Publisher, Jalandhar.

Dr. Jiwant Kaur's book titled **Baba Ala Singh** was published by Unistar Books Mohali.

Dr. Muhammad Yousaf translated **Maulana Farid-Ud-Din Khan's book Sachai Di Talash** from Urdu Language to Punjabi Gurmukhi, which was published by Good Word Publishers, Delhi in 2018.

Prof. Vidhu Gupta's books **Analysis (ISBN 978-613-8-38927-9)** and **Algebraic Topology (ISBN 978-613-9-81912-6)** were published by Lambert Academic Publishing, Germany.

14. Research Papers/Articles/Chapters published in Books/Magazines:

Dr. Harvinder Kaur presented a Research Paper on **Parvasi Kathakara Veena Verma Ki Kahanian Mein Nari Jivan Ki Vibhin Smasyaon Ka Chitran** was published in book titled **Parvasi Punjabi Sahitya: Ek Nazar** (Editor: Dr. Rajinder Kaur and Dr. Dalip Singh), ISBN-978-93-87765-21-4.

Dr. Harvinder Kaur's paper titled **Ram Bhakti Sahitya Mein Maanvi Mulya: Ram Charit Manas Ke Sandharabh Mein** was published in **Book Jivan Sahitya Tatha Kala Mein Ram** (ISBN-978-81-86400-346-X) by Nirmal Publishers Delhi, 2018.

Prof. Jaspreet Kaur's paper **What is Right and What is Easy: Leadership Lessons From Harry Potter Series**, Dr. Rouble Brar's paper on **Shiva Model Of Transformational Leadership: A Study Of The Shiva Trilogy By Amish Tripathi** and Prof. Sapna's paper on **Leadership Wisdom in Hinduism: Learning from Ramayana and Bhagvad Gita** were published in book **Leadership Wisdom: Diverse Perspectives 2018** (ISBN 978-93-84762-09-4).

Prof. Rajdeep Singh Dhaliwal's research paper on **Cytological Study on Two Species of Cymbopogon Spreng.: A Grass with Medicinal Importance** was published in book titled **Emerging Trends and Challenges in Bio-Sciences** (Editor in Chief Dr. R.P. Singh) 2019, Pp: 73-78, Daya Publishing House.

Prof. Inderbir Kaur's paper titled **Migration of Indian Students to Foreign Countries: Gain or Drain** was published in book **Yuva** by N.S.S. Department of Multani Mal Modi College Patiala.

Dr. Gorakh Singh's paper on **Sustainable Agriculture and Crop Strategy in Punjab: Analysis Based on 1987-88 to 2017-18** was published in International Magazine Anusandhan Vatika (ISSN:2230-8938 Impact Factor 5.373).

Dr Varinderjit Kaur's articles on **Nuclear Tests: Safe Limits and Beyond, Physics: Unscrambling the Mysteries of Universe and God Particle: New Era of Science** were published in Scientific India Magazine, Vol:6, 38 (2018) ISSN:2349-1418. Her articles on **Manfi Ho Reha Rishtiyan Vichla Nigh and Zindagi Dian Pairan** were published in Punjabi Tribune 3 February 2018 and Punjabi Jagran 10 May 2018 respectively.

Dr. Vandana Kapoor's paper on **Globali Paripekh Vich Sabhiyachar Atte Lok Rang Manch Di Sthiti Chunotiyan/ Sambhavnayan** was published in book titled Punjabi Bhasha: Sthiti Atte Sambhavnayan published by Khalsa College Patiala.

15. Awards given to Teachers:

Dr. Varinderjit Kaur was honoured with **Award of Outstanding Faculty in Science** by Venus International Foundation, Centre for Advanced Research and Design, Chennai, Tamil Nadu for her outstanding contribution and achievements in the field of Physics.

16. Members of Board of Studies/Editorial Board:

Dr. Manvinder Kaur was selected as **Associate Editor of International Journal of Quality, Reliability and Management**, (Emerald Publishers, U.K.)

Dr. Satvinder Kaur was appointed as **Member of Editorial Board of World Journal of Social Sciences Research California, U.S. A.**

Dr. Heena was appointed as **Member of Board of Undergraduate and Postgraduate Studies of Kanya Mahavidhyalaya, Jalandhar.**

17. Judgment given by Faculty Members:

Dr. Satvinder Kaur was appointed as judge of Folk Dance Sammi during Patiala Virasati Mela held on 1 March 2019.

18. Key Note Speech Delivered or Session Chaired by Teachers during Conferences/Seminars:

During this session **Prof. Inderbir Kaur** delivered a key note address in **524th IRES International Conference on Science Technology and Management (ICSTM)** held at **(London), UK** London, and similarly chaired a session in this conference on the subject of **Impact of Technology on Various Aspects of Life** on 18-19 December 2019.

During this session **Prof. Rajdeep Singh Dhaliwal** chaired an academic session in **DSIR Sponsored National Conference** held on 19-20 November 2018 by C-Dac Mohali on **Agri- Smart 2018 using IOT for Driving Smart Agriculture**.

Dr. Jasleen Kaur Nanda chaired an academic session during **5th JGU International Literary Conference** on 1-2 March 2019 at O.P. Jindal University, Sonapat, Haryana.

19. Lectures Organised by the College/Lectures Delivered by the Teachers of the College.

19.1 Lectures Organised by the College:

12 Lectures were organised by different departments of the College.

B.Voc Food Processing and Engineering department organized a lecture on 16 November 2018 by **Prof. Gurpreet Singh** on **Skill Based Courses under Flagship Scheme of PMKVY**.

On 12th September 2018 Department of B.voc Automobiles and Advance Diploma in Auto Electricals and Electronics organized a lecture on **AC and Refrigerator** by **Er. Sarpreet Singh**, Assistant Professor Mechanical Engineering Department, Rayat Bahra University, Mohali and on 13th September 2018 in collaboration with Hira Automobiles, Patiala, a lecture on **Road Safety and Awareness** was organized by **Sh. Ashish**, Manager Hira Auto Mobiles, Patiala.

Post Graduate Department of Computer Science and Computonics Club organized a Lecture on biography and style of Bhai Ghanaiya ji by Prof. Lakhwinder Singh, Guru Nanak College Budhlada on 20th September 2018. On

25th January 2019, on the occasion of Republic Day, Principal **Dr. Dharminder Singh Ubha** delivered a special lecture on the **Importance of Republic Day**.

Department of Biotechnology arranged a lecture on **Application of Biotechnology in Everyday Life and Environment** by **Dr. Anoop Verma**, Associate Professor, Thapar University Patiala.

The Department of Physics organised a lecture series on the subject of Various Fields of Physics dedicated to 550th Birth Anniversary of Shri Guru Nanak Dev Ji on 30th October 2018 in which Dr. Kanwarjit Singh; Principal Gurmat Collage Patiala gave a lecture on Gurbani and Science. On 2nd November 2018 Dr. Chandana Bhattacharya, Scientist VECC, Kolkata delivered a technical lecture on Nuclear Reaction. On November 19, 2018 Dr. Tariqa, Former Assistant Professor, University of Kerala delivered a lecture on the subject of electronics.

A program was organized by Post Graduate department of Punjabi on 21st February 2019 on International Mother Language Day on **Our Language Our Pride**, in which Dr. Surjit Singh Bhatti, former Principal University College, Ghanaur made speech on the importance of mother tongue.

Post Graduate Department of English organized a lecture by Dr. Gurupdes Singh on **Discourse and Literature** on 22nd February 2019.

On 29th August 2018 Post Graduate Department of Fashion Designing and Home Science conducted an Extension Lecture on Drafting, Pattern Making, and Construction Techniques by Prof. Harjinder Kaur, H.O.D Department of Fashion Designing and Home Science, (LBS, Arya Mohilla College Barnala).

19.2 Lectures Delivered by the Teachers of the College in other Institutions:

On 5th November 2018, Prof. Jaspreet Kaur delivered a special lecture to the students of English Literature of Guru Hargobind Singh Khalsa College, Karhali Sahib on the topic **Literature and Society**.

Dr. Heena as a subject expert gave two lectures on periodic Table- The Basis of Inorganic Chemistry and Group Theory and Applications at Kanya Mahavidyalaya, Jalandhar on 5th and 17th November 2018 respectively.

20. Cultural Achievements /Activities:

20.1 International South Fest:

During an International South Fest held at Raipur, Chhattisgarh on 22-26 February, 2019, College student Savleen Kaur represented India in elocution and Dilvir Singh and Sahib Khan represented India in Folk Orchestra.

20.2 National Youth Festival:

During National Youth Festival held at Chandigarh University, Gharuayan on 1-5 February, 2019, students of the college Gagandeep Singh and Paramjeet Singh participated in Bhangra and bagged first position.

20.3 North Zone Intervarsity Youth Festival:

During North Zone Intervarsity Youth Festival held at Panjab University, Chandigarh on 27-31 December, 2018, College students Gagandeep Singh and Paramjeet Singh participated in Bhangra and secured first position.

The college student Ravneet Kaur, Jasmeet Kaur and Amanat participated in Indian and Western Group Song and secured fourth position. The students of the college Shubham Kundal and Amarjot Kaur participated in Skit, Mime, Play and Quiz.

20.4 Inter-Zonal Youth Festival:

During Inter-Zonal Youth Festival held at Punjabi University Patiala on 30th October- 2nd November 2018, the college secured first position in Group Shabad, Geet/Ghazal, Gidha, Malvai Gidha, Lok Saaz, Quiz and Luddi (Girls) and second position in Mimicry, Naala Bunna, Karoshia, Rassa Vatai, Nukkad Natak, Luddi (Boys) and Skit. The college got third position in Kadayi and Chikku. The college won '**Overall Trophy**' in **Music, Folk Arts and Literary Items**. The college was declared **Overall Champion**.

20.5 Zonal Youth Festival and Lok Mela:

During Zonal Youth Festival and Lok Mela held at Punjabi University, Patiala, Khalsa College Patiala bagged first position in Traditional Folk song, Chikku, Karoshiya, Song, Ghazal, Western Solo Orchestra, western Song (Solo),

Short Film, Poster Making, Paranda, Naala Bunna, Tokri, Folk Orchestra, Kali Gayan, Percussion, Debate, Indian Group Song , Western Group Song, play , Luddi, (Girls), Luddi (Boys), Sammi, Malwai Giddha , Kadhayi, Rangoli, Rassa Vataayi, Photography, Quiz, Classical Vocal and Nukkad Natak, the college got second position. The college got third position in Cartooning, Jhumar, Classical Dance, Non- Percussion, Bhand. Mime, Kavishari and Bhangra.

The college bagged **Overall Trophy in Musical, Fine Arts, Theatre and Folk Arts**. Khalsa College Patiala was declared '**Overall Champion**'.

21. NCC Army and Air Wing:

21.1 NCC Army Wing:

Under the able guidance of Lieutenant Dr. Nishan Singh during session 2018-19 total 55 cadets were recruited. Cadet Komal Rani attended (NCC) Camp from 28th July 2018 to 5th August 2018 at Police Academy, Hyderabad and also received Gold Medal in Cultural Program. From date 25.07.2018 – 05.08.2018 total 08 cadets participated in the (CATS) camp at Bhawanigarh (Sangrur) and three of these cadets got first position in firing competition. Cadet Kumari Poonam secured first position in the Drill at All India Force Army Camp in Delhi from 17.09.2018 - 29.09.2018.

19 cadets participated in Army Attachment Camp held at Patiala from 04.10.2018 - 14.10.201. College student Poonam Kumari participated in (RDC) Parade on 26th January 2019.

In addition, the cadets of this wing participated in the blood donation camp, Cleanliness Campaign, bicycle rally, anti-drug and tree plantation etc.

22. NCC Air Wing:

During this session under the able guidance of Prof. Baldev Singh, NCC officer of the college, 5 cadets were recruited in NCC Air Force Wing. 39 cadets participated in the internship of Clean India campaign run by the Prime Minister and 26 cadets participated in Environmental Protection under the campaign began by the Prime Minister 'Save Environment Save Life'. 28 cadets participated in ATC Camp held by the 3-Punjab Air Squadron NCC Patiala, 24 participated in 5th

August 16 cadets participated in Republic Day Parade. On 15th August, Independence Day parade was led by college's promising cadet Manish Kumar, as Parade Commander, and 3 cadets of Punjab Air Squadron won Champion Trophy. On 26th January parade the talented cadet of the college Paramjit Singh led the parade as parade commander and Air wing cadets also won the **Champion Trophy**.

Promising cadet of the college Paramjit Singh won **Silver Medal** in All India Best Pilot Competition by flying Virus Airplane in All India Army Camp. This cadet also won **Bronze Medal** in 12 Bore rifle shooting competition during Pre-Army camp.

Talented Girl cadet Tripta Rani participated in All India Air Army Camp. The talented cadet of the college Abhinay Rana attended training in Attachment Camp with Indian Airforce in Airforce Academy, Telangana. Apart from this, the cadets also participated in Fire Training, Polio camp, Traffic Control etc.

22. NSS:

Under the able guidance of NSS officers of the college Prof. Sapna, Dr. Jagtar Singh and Prof. Rajbinder Singh, 10 volunteers from the Department of NSS participated in **7 Day Inter College Camp** held at Guru Teg Bahadur Khalsa College, Anandpur Sahib from 15-21 June 2018.

On 5th July 2018, **Anti -Drug Addiction Day** was organised in the college.

On 28th July 2018, **One-day Camp** was organized in Dhablaan Campus of the college and planted different kinds of plants.

During a camp on 14th August 2018, **Independence Day** was celebrated by the Department with the children of Slum School, SST Nagar.

On 1st September 2018, college campus was cleaned during **One-day Camp**.

An Environmental Awareness Rally was held on 17th October 2018.

In October 2018, **National Unity Day** was celebrated.

On 13th September 2018, **Hindi Language Day** was celebrated by Hindi and other departments of the college and on this occasion Essay writing competition was held on Importance of Hindi Language.

An **Inter College Camp** was organized by seven volunteers from 16-24 November, 2018.

On 5-11 January 2019, a special camp was organized by the college and **S. Surjeet Singh Rakhra** inaugurated it. During valedictory session of this camp, Dr. Paramveer Singh, Co-ordinator, N.S.S. Punjabi University, Patiala was present.

On 1-31 January 2019, volunteer of the Department participated in **Republic Day Parade Camp** at Delhi. He participated in Republic Day Parade on 26 January 2019.

On 25 January 2019, **National Voter Day** was celebrated. On this day poster making competition and **Elocution Competition** were organized for students.

On 2 March, 2019, **One Day Camp** was organized to decorate the college.

Two students of the Department, Mandeep Kumar and Bharpoor Singh, attended **National Integration Camp** at Jamia Millia Islamia.

23. Special Days Celebrated by the College:

23.1 Annual Prize Distribution Function:

An **Annual Prize Distribution Function** was organized on 3rd May, 2018 by the college. On this occasion, Bhai Gobind Singh Longowal, President, Shiromani Gurdwara Prabandhak Committee, awarded 115 students with '**Roll of Honour**', 328 students with '**College Colour**' and 24 students with **Special Prizes**. During this occasion, five students (who performed well in different fields) were awarded with special prizes.

23.2 World Music Day:

The Department of Music celebrated World Music Day on 21st June 2018. On this occasion, two Shabads were released in order to mark Martyrdom Day of Sri Guru Arjan Dev Ji.

23.3 Birth Anniversary of Bhagat Kabir Ji:

Birth Anniversary of **Bhagat Kabir Ji** was celebrated in the college on 28th June 2018. On this occasion, Dr. Gurvir Singh, Head, Department of Religious Studies delivered a lecture on **Vartmaan Samaj Vich Vadh Rahi Asahensheelta Nu Roken Layi Bhagat Kabir Ji Di Baani Da Ahem Role.**

23.4 Birth Anniversary of Sri Guru Hargobind Sahib Ji:

Birth Anniversary of Sri Guru Hargobind Sahib Ji was celebrated in the college on 29th June 2018. During this occasion Dr. Davinder Singh from Department of Punjabi and Dr. Gurvir Singh from Department of Religious Studies delivered lectures.

23.5 Anti-Drug Addiction Day:

N.S.S. Department of the college celebrated **Anti-Drug Addiction Day** on 5th July 2018. During this occasion, **S. Supreet Singh from IIT Hyderabad** addressed the students.

23.6 College Foundation Day:

59th Foundation Day of the college was celebrated on **18th July 2018.** During this occasion, **Dr. Gurmit Singh Sidhu**, Professor and Head, Department of Religious Studies, Punjabi University Patiala addressed the students on the topic **Gurmat Sidhantaan De Paripekha Ton Vidiya Da Sankalp.**

23.7 International Yoga Camp:

A Yoga Camp was organised in the college by N.C.C. Army Wing on 21st June 2018, as per the guidelines of Government of India. **426 Cadets** from various schools and colleges and **25 Cadets** of Khalsa College Patiala participated in the camp.

23.8 Go Green Campaign:

Go Green Campaign dedicated to 550th Birth Anniversary of Sri Guru Nanak Dev Ji was organised in the college on 3rd August 2018.

23.9 Teeyan Teej Diyan:

Teeyan Teej Diyan festival was celebrated in the college on **10th August 2018**. During this occasion different **competitions** were also organised.

23.10 Independence Day:

Various departments and N.S.S. Department of the college celebrated **Independence Day**. Different competitions were also organised on this occasion.

23.11 Kirat Karo, Naam Japo Atte Vand Chhako Samagam:

Divinity Club of School of Commerce and Management organised **Kirat Karo, Naam Japo Atte Vand Chhako Samagam** 550th Birth Anniversary of Sri Guru Nanak Dev Ji was organised. On this occasion, Cleanliness Drive and *Path* of Japuji Sahib were organised in the college campus.

23.12 National Sports Day:

National Sports Day dedicated to **Birth Anniversary of Great Hockey Player Major Dhiyan Chand Ji** was celebrated in the college on 29th August 2018.

23.13 Formation of Buddy Group:

Buddy Group was formed in the college on 30th August 2018, as per the guidelines of Government of Punjab, as a part of Anti-Drug Addiction Campaign.

23.14 Teachers Day:

Various Departments of the college celebrated Teachers Day on 6th September 2018. Various **competitions and activities** were organised as a part of this event.

23.15 300th Death Anniversary of Bhai Ghanaiya Ji:

On 21st September 2018, different Departments of the college organized various programs and activities dedicated to 300th Death Anniversary of Bhai Ghanaiya Ji.

23.16 Voter Registration Camp:

A Voter Registration Camp was organized on **15th October 2018**, with the support of **District Election Office** Patiala.

23.17 Environment Awareness Rally:

On 17th October 2018, an awareness rally was organized by NSS Department of college under the direction of Punjabi University Patiala and Punjab Pollution Control Board. This rally marched from village **Rakhra** and reached **village Pasiana via Dhablaan, Jahal and Ranbirpura**. It was attended by **100 volunteers** and the **college staff members**.

23.18 Diwali Festival:

On 29th October 2018, the college celebrated Diwali Festival dedicated to **World Peace Day**.

23.19 Vigilance Day:

On 31st October 2018, **Youth club and Red Cross Society** of the college celebrated vigilance day. On this occasion a seminar was organized with the cooperation of **Vigilance Bureau**, Patiala on the theme of '**Fight Corruption, Create New India**'.

23.20 National Unity Day:

On 31st October 2018, **Sardar Vallabh Bhai Patel's Birth Anniversary** was celebrated by the Department of NSS as National Unity Day. On this occasion Slogan Competition among students on the theme of **Run for Unity** was organised.

23.21 National Voter Day:

On 25th January 2018, NSS Department of the college celebrated National Voter Day under the guidance of **Election Commission, Indian Government** and **District Election Officer**, Patiala.

23.22 Ardaas Day:

On 17th February 2018, *Ardaas* day was celebrated by Guru Gobind Singh Study Circle and Gurmat Society of the college. On this occasion, hymns of **Allahi Bani** were recited and after the prayers *langar* was served.

23.23 International Mother Tongue Day:

On 21st February 2019, Post Graduate Department of Punjabi celebrated International Mother Tongue Day. The Department organized a special lecture by **Dr. Surjit Singh Bhatti**, Former Principal of University College, Ghanaur.

23.24 Nutrition Fortnight:

According to the instructions of the Ministry of Youth and Sports Affairs and Ministry of Women and Child Development, Nutrition Fortnight was celebrated from 8-22 March 2019.

24. Achievements of Physical Education and Sports Department:

Due to the remarkable efforts of Head, Department of Physical Education, Dr. Gursharan Singh Gill, the students of the Department made the following remarkable achievements.

24.1 International Achievements:

Talented Archery player of the college **Sangampreet Singh Bisla** represented India in Asian Games.

Handball (boys) player Harman represented India in Kazakhstan and won one **Bronze Medal**.

Handball (Girls) player **Gagandeep Kaur** represented India in 3rd **Asian Women League** held in **Kazakhstan**.

24.2 All India Inter University/National:

The Archery (Girls) player **Priyanka** won one gold, **Suman Baal** won one Bronze medal (junior National), **Utkarsh** won one gold medal, three silver medals and one bronze medal.

Six Handball (Girls) players participated in **North Zone Intervarsity**.

Four Hockey (girls) players – **Sumanpreet Kaur, Amritpal Kaur, Priya and Sapna** participated in **AllIndia Inter University** and won a **Silver Medal**.

Jasmine Kaur, Cycling (Girls) player won two **silver medals** and **Jaspreet Kaur** won one **Silver Medal**.

24.3 Inter College Competitions:

College Archery player (Girls) Prabhjot Kaur won six gold medals, Daljit Kaur won one gold medal, Preetinder Kaur won one gold medal and one silver medal, Charanjit Kaur won one silver medal and Utkarsh won one gold medal.

Archery player (Boys) Sangampreet Bisla bagged four gold medals and two silver medals, Robin won one silver medal and Kulwinder Singh won one silver medal.

Both Handball teams (Boys and Girls) won gold medal, Hockey (Girls) team won silver medal, Table Tennis (Girls) team won gold medal.

Soft tennis team (Girls) won Gold medal, Boxing team won 02 Bronze medals, Basketball(Boys) team won silver medal, Bhawana, Boxing player got 01 Bronze medal, Wrestling team (Boys) won 02 Gold Medals, 01 Silver medal, 02 Bronze medal, Weightlifting team (Boys) got Silver Medal and Volley Ball team (Boys) won Silver medal.

Jasmine Kaur won 02 silver medals in Cycling Road event, Vaneet Kaur got 01 Bronze medal and Jaspreet Kaur won 02 Bronze medals. The college secured overall second position in this competition.

In Athletics, college players got 01 Gold Medal in Discus Throw, 01 Silver medal in 100 metre hurdle race4 and got 01 silver medal in 20 kilometre walk.

Achievements/Activities of Various Departments of the College

25. Department of Commerce and Management:

Under the able guidance of Dr. Jasleen Kaur, the Department conducted various activities during the session. The Department also organised eight competitions.

On 27th July 2018 a quiz competition for students of B.com II was conducted. On 14th August 2018, various competitions of students were organized in relation to the **72nd Independence Day**. On 29th August 2018 the students of Department organized a Skit Competition entitled **Be the Change**. On 20th September 2018 a **Poster Making Competition** was held on the theme of **Sewa Da Sankalp-Bhai Ghanaiya Ji**. On 1st November 2018 competition was held for students to make Diya/Candles and posters. On 12th February 2019, on the occasion of **Spring Spree Fest, Tik Tok Competitions** giving good Social Messages and competitions on Top Industrialists were held. Science competition and Life Story Activities were held among students on 13th February 2019. On 14th February 2019, competition of students on the topic **Innovation in Waste and Awesome Blossom** was held. Dr. Davinder Singh, Former Registrar, Punjabi University Patiala was the chief guest of the competition.

4 Orientation programmes were organised by the Department.

On 21st August 2018, one day orientation program was organized for the students of B.com I in which students were made aware of the rules and regulations of the college.

On 28th August 2018, one day orientation program was organized for the students of M.com I during which the Principal of the college Dr. Dharminder Singh Ubha addressed the students.

On 30th August 2018, an orientation program was organized for the students of B.Com I (Hons) and B.Com I (Accounting and Finance) and various competitions were held for the students.

Orientation for the students of MBA I(Leadership) and BBA I was organized on 7th September 2018, during which college Principal Dr. Dharminder Singh Ubha addressed the students.

The Department conducted **Go Green Activity** on 3rd August 2018, to make students aware of the environment during which **Jeevanjot Kaur, Deputy Director Local Body Patiala** was present as the **chief guest**.

On 24th August 2018, **Divinity Club** organized a program devoted to the principle of **Kirat Karo, Naam Japo, Vand Chako** dedicating it to the **550th Prakash Purab of Guru Nanak Dev Ji**.

On 5th September 2018, a programme was organized by the students on the occasion of **Teachers Day**. *Path* of Chaupai Sahib was recited in the Gurdwara Sahib of the college on 2nd November 2018, with the purpose of celebrating the Green Diwali by Divinity Club.

On 5th November 2018, students celebrated Diwali festival with the children of **Pingalwara**.

On 15th February 2018, the Department organized **Spring Spree Fest**.

On 26th February 2018, the Department and students celebrated **550th Prakash Purab of Guru Nanak Dev Ji** under **Ardaas Foundation** praying for **Sarbat Da Bhala** and **Happy Recycling Activity** was conducted by **distributing clothes and other necessities** to more than **600 needy people**.

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

Under the able leadership of Prof. Sukhmeen Kaur and the efforts of convener of the club Prof. Inderbir Kaur, a new executive committee was appointed at the beginning of the session and newcomers were welcomed. Cards and posters were made by the students related to Independence Day on 14th August, 2018.

On 20th September, 2018, students and teachers distributed eatables at Leprosy Ashram on the occasion of Bhai Kanyhia Ji Day.

A Workshop on **ICT Tools** was held on 10th October 2018.

On 12-13 February, 2019 a **Two Day Workshop on Basics of Software Development** was held during which students were given information about new software tools and techniques.

On 15th February, 2019, the students set up a stall on '**Fun World**' at **Spring Spree-2019**.

On 27th February, 2019, a **One Day Workshop on Software Development** by Er. Mandeep Singh was organized for the students.

Department of Science

27. Department of Biotechnology:

Under the able guidance of Dr. Nipunjot Kaur, H.O.D Biotechnology, Renu, a student of B.Sc III won second position in speech competition held at 22 guard, NCC Cant, Patiala on 26th August 2018, by NCC Patiala.

On 28th September 2018, students of B.sc I Biotechnology were taken for an educational tour at Institute of Microbial Technology.

On 2nd November 2018, educational tour of B.sc Biotechnology I was taken to Patiala Distillery.

28. Department of Physics:

During this session, under the supervision of Dr. Tarlochan Singh Mahajan, Head Department of Physics, students from the post graduate classes celebrated Bhai Ghanaiya Ji Day on 20th September 2018 and distributed items of daily needs at the orphanage.

On 26th February, 2019 a two day workshop on the topic of **Care and Maintenance of Micro Processes, Micro Contours and Natural Energy** was organized. During the inaugural session Dr. Urvinder Singh, Electronics Department, Thapar University Patiala addressed the students. Evening session was chaired by Dr. Karamjit Singh, Electronics Department, Thapar University Patiala.

On 25th February, 2019 under the able leadership of Dr. Arvind Sabharwal and Prof. Aman, Students of M.sc I and II participated in a National Conference organized at Guru Nanak Girls College, Muktsar Sahib.

29. Department of Agriculture:

Due to the efforts of Prof. Rajdeep Singh Dhaliwal, H.O.D of Agriculture, 10 educational visits of students were conducted. On 14th September, 2018, students of B.sc I (Hons) Agriculture were taken for an educational tour of Kisan

Mela at Agriculture science Centre (Krishi Vigyan Kendra). Another educational tour on 21st September of Kisan Mela at Punjab Agriculture University, Ludhiana, on 22nd October 2018, an educational tour of the students of M.sc Agriculture was taken at center of Excellence for Vegetable, Kartarpur Sahib, on 31st October 2018 an educational tour of students of B.sc (Med) at Mohindra Chatbir Zoo, SAS Nagar Mohali, on 15th November an academic visit of students of B.Sc (Hons) in Agriculture at National Dairy Research Institute Karnal, on 16th November 2018, students of B.Sc Hons (Agri) visited Botanic Garden Herbarium and Museum Punjabi University Patiala, on 20th November an educational tour of B.Sc. Agriculture (Hons) students was taken to Horticulture Department, Baradari Garden, Patiala, on 22nd November 2018, students visited center of Excellence for Fruits in Mangiana, Hisar, on 12th December 2018, B.Sc. Agriculture(Hons) students visited Multipurpose Cooperation Society Kalyan, Nabha Road, Patiala and on 22nd February 2019, an educational tour of B.Sc. Agriculture (Hons) students was taken to Children's Park, opposite PPSC Baradari Garden, Patiala.

On 31st August 2018 one day Fertilizer Orientation Course was organized with the cooperation of the Fertilizer Association of India.

On 23rd October 2018, students of M.Sc. Agriculture (Agronomy), M.Sc. Agriculture (Vegetable Science) and B.Sc. Agriculture IV participated in a lecture on **Climate Change and Sustainable Development** jointly conducted by the University Department of Zoology and Environmental Science and Center for environment Education, PSCST Chandigarh.

Department of Agriculture in collaboration with the Department of Geography organized **19th APG Meet and International Conference on Sustainable Agriculture, Food Security and Environment.**

On 14-15 December 2018 students participated in the second district level Guldaudi show organized by the Punjab Horticulture Department. Simranpreet Singh Bola the student of M.Sc. Agriculture II year (Agronomy) got second position in Scientific Rangoli competition at Thapar University Patiala, Working Model made by Asim and Ajay Sharma students of B.Sc. Agriculture (Hons) got second position.

Department of Arts

30. Postgraduate Department of Punjabi and Punjabi Literary Society:

Under the able guidance of H.O.D of Punjabi, Prof. Paramjit Kaur and Dr. Jaswinder Singh, convener of Punjabi Literary Society, a poetry recitation competition was held for the students of all departments of the college.

On 27th January 2019 a face to face interaction was organized with a renowned Poet Parminder Sodhi.

On 21st February 2019, Slogan writing competition was held on occasion of International Mother Tongue Day.

31. Postgraduate Department of English and English Literary Society:

Under the able guidance of Dr. Deepinderjeet Randhawa, Head of the Department, the department elected the members of English Literary Society. With the efforts of Dr. Rouble Brar, convener of English Literary Society, around 680 literary members were selected and 56 office bearers were appointed.

On 9th August 2018, **Breaking the Ice Session** was held by the Department.

On 29th October 2018, the Department organized *Path* of Sukhmani Sahib followed by *Ardaas* on the occasion of World Peace Day.

On 19th January 2019, a National Seminar was organized on **Poetics of Vismad: Futuristic Possibilities** dedicated to 550th Prakash Purab of Guru Nanak Dev Ji.

On 25th January 2019, the Department organized a **Workshop on Avocation with a Difference. Dr. Swaraj Raj** made his presence as the chief guest on this occasion.

On 21st February 2019, 35 students were sent by the Literary Society to watch **UNBORN** play enacted at Punjabi University Patiala.

32. Department of Hindi, Add-on Course Translation Proficiency:

Under the able guidance of, **Dr. Harvinder Kaur**, Head, Department of Hindi, an **Essay Writing Competition** was held for the students of B.A Part I, II and III.

On 5th March 2019, a Paper reading competition dedicated to **550th Prakash Purab of Guru Nanak Dev Ji** was held for the students of B.A Part I, II, III and students of **Urdu and Sanskrit Diploma on Guru Nanak Dev Ji- Messenger of Humanity (Manavta de Masiha)**

33. Department of Theater Studies:

Under the supervision of Dr. Vandana Kapoor, Head of Department of Theater Studies, a student of the Department Shubham received the title of **Best Actor** of the play played at **Zonal and Folk Fest organized by Punjabi University Patiala** on 1st March 2019. A play '**Vahangi**' was presented in **Craft Fair** held at **Sheesh Mahal**.

34. Folk Art and Culture Department:

With the initiative of the Head of the Department Prof. Sandeep Chahal, Teej festival was celebrated at the college on 10th August 2018. Dr. Sawarnjeet Kaur Ubha attended this event as the chief guest.

On 26 February, 2019, the students of B.A. II and III were taken on a visit to the crafts fair at Sheesh Mahal, Patiala by the Head of the Department.

35. Department of Fine Arts:

Due to the efforts of Dr. Manveer Kaur, Head of the Fine Arts Department, One day workshop was organized with the cooperation of Punjab Lalit Kala Academy, Chandigarh on 13 November 2018.

A two day workshop of former students of the Department was held from 2-3 March 2019 to commemorate the 550th birth anniversary of **Guru Nanak Dev Ji**.

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

Under the leadership of the Head of the Department Dr. Balbir Kaur, a Rangoli competition was held on 21st August 2018 at the college. Students from various departments of the college participated in this event.

On 6th September 2018, a competition of different genres of Folk Arts was held for the students of various departments keeping in mind the preparations for Youth Festival.

On 1st February 2019, an exhibition of handcrafts was organized. Various products made of Block Printing, Stencil Printing, Mithla Arts and Handmade embroidery were displayed in this exhibition.

One day workshop on 'Microwave cooking' was held on 12th March 2019, the students of M.Sc.I were taken on a visit to Monte Carlo Industry, Ludhiana.

37. Post Graduate Department of History:

With the efforts of the Head of the Department Dr. Harjeet Kaur, a Paper Reading Competition was organized on 26 February 2019, to celebrate the 550th birth anniversary of Guru Nanak Dev.

38. Post Graduate Department of Political Science:

During this session, under the leadership of Dr. Jagtar Singh, Head of the Department a camp was organized to fill voter registration forms for making new votes on 15 October 2018.

The Department also celebrated National Voter Day on 25th January, 2019, with the cooperation of N.S.S department.

39. Department of Religion:

Under the guidance of Dr. Gurveer Singh, Head of the Department, twenty students of the Department attended 'Virsa Camp' from 4-7 October 2018 in Fatehgarh Sahib.

Two students of the Department got scholarship from SGPC, Shri Amritsar after an exam of Religion.

On 28th December 2018, thirty students of the Department made their presence in Nagar Kirtan, Fatehgarh Sahib.

40. Post Graduate Department of Mathematics:

On 20th September 2018, a Painting Competition was held to commemorate the 300th death anniversary of Bhai Kanhayia Ji under the leadership of Prof. Namarta.

Rangoli Competition was organised on the occasion of Diwali by the Department.

An Educational tour was taken to Virast-e-Khalsa on 17th November 2018.

The students of the department also participated in Sprigs Spree Fest organized by the college on 15th February 2019.

Students of the Department also participated in Scientific Rangoli competition held at Thapar College, Patiala on 21st February 2019.

41. Department of Sociology:

Under the guidance of Head of the Department Prof. Jatinder Singh Bhutal, a debate competition was held on 'International Migration' on 16th October 2018.

On 12th November 2018, a speech competition was held on 'Politics in India'

A special lecture on 'Value System in Punjabi Culture' was delivered in classes on 7th February 2019.

42. Department of Geography:

With the efforts of the Head of the department Dr. Gorakh Singh an International conference was organized on 'Sustainable Development of Environment' from 2-3 November 2018. 300 delegates from India and other parts of the world presented their research papers in this conference.

43. Post Graduate Department of Music (Vocal):

Under the guidance of Dr. Jagjeet Singh, Head of the Department on 6th August 2018, a Poster of the Shabad 'Sri Harkrishan Dhyayiye' was released at Gurdwara Sahib of the college.

On 7th August 2018, a musical night was organized with the cooperation of SPIC MACAY. Padam Shri Sitar Master Ustad Shahid Pravez and Tabla player Shri Hindol Mazoomdar showcased their talent.

On 14th August 2018, a lecture-cum-demonstration on 'Folk Gyan Shailiyan' by S. Pritam Singh Pupal, was organised.

On 5th September 2018, an orientation program was organized for the students M.A.1st year. On 8 February 2019, to commemorate 78th birthday of Padam Shri Jagjeet Singh, a musical night of Dr. Dinesh Kumar, Punjabi University, Patiala, was organized.

A National Seminar was organized to commemorate the 550th birth anniversary of Guru Nanak Dev Ji on 30th March 2019.

Vocational Courses

44. B.Voc. Food Processing and Engineering Department:

Under the leadership of the Head of the Department Prof. Rosy Bansal, on 23rd August 2018, three students of the Department participated in Rangoli competition organised by Home Science department and secured third position.

On 16th October 2018, students of the Department of B. Voc. II year participated in 'Kisan Mela' and 'Agro Industrial Exhibition' and were learnt about the new techniques of packaging.

On 30th October 2018, a workshop on 'Bake O Cake' was organized and students learnt the recipes and techniques to cook biscuits and bread.

On 21st February 2019, four students of the Department participated in 'Heritage Quiz' held at Thapar institute of engineering and technology, Patiala.

On 21st February 2019, the students of the Department visited 'Flowers and Food Fest' at Baradari Garden, Patiala and learnt about the techniques related to organic pickle, sauces, vegetables and honey and other vocational courses.

45. B.Voc. Agriculture and Green House Technology

Under the supervision of the Incharge of the Department of Agriculture Prof. Sandeep Singh and the Incharge of the Department of Green House Technology Prof. Jasveer Singh Dhiman, seven visits were organised for the students.

Students of B.Voc. visited Kisan Mela held at Punjab Agriculture University, Ludhiana on 21 September 2018.

On 19 October 2018, students of B.Voc visited Kisan Mela held at Mata Gujri College, Fatehgarh Sahib.

On 22 October 2018, the students visited 'The Centre of Excellence Vegetable, Kartarpur Sahib'. They learnt about the technique of drip irrigation. Students of B.Voc. paid visit to Dipolar Weather Department, Punjabi University, Patiala on 13 November 2018.

Students also visited Chrysanthemum Exhibition held at Baradari Garden, Patiala on 14 December 2019

Students also visited Patiala Heritage festival-2019 on 21 February 2019.

Apart from above mentioned, on 31 January 2019, UGC nominated officials inspected Poly House and Mushroom Farm run by the college.

46. B.Voc. Automobiles, Advance Diploma in Auto Electrical and Electronics

On 23 October 2018, due to the efforts of Prof. Arshpreet Singh, Incharge of the Department, students visited Rajdhani Tyres, Patiala.

The students of Semester I also attended training on 16 January 2019, at Rajdhani Tyres, Patiala.

UGC team inspected Automobile Workshop on 31 January 2019.

47. B.Voc. Software Development:

Under the guidance of Prof. Kamalpreet Singh, Head of the Department, seventeen students of Final year attended of 6 months training in various IT companies.

Activities of Cells, Clubs, Centres and Associations

48. Gurmat Society and Guru Gobind Singh Study Circle:

Under the guidance of the convener of Gurmat Society and Guru Gobind Singh Study Circle, Prof. Sukhmohan Kaur, College foundation day was celebrated on 18 July 2018. On this occasion, Dr. Gurmeet Singh Sidhu, Head of Guru Gobind Singh Religious Study Centre, Punjabi University, Patiala, delivered a guest lecture.

On 12 September 2018, an event was dedicated to 550th birth anniversary of Guru Nanak Dev Ji. On 22 November 2018, 550th Birth anniversary of Guru Nanak Dev was celebrated. Bani of Sukhmani Sahib was recited on this occasion and langar was served.

On 24 December 2018, to commemorate the martyrdom day of four Sahibzad as 'Naam Simran' was done.

On 14 February 2019, Ardas Diwas was celebrated and Principal, Dr. Dharminder Singh Ubha addressed the students. Langar was also served.

49. Youth Club and Red Cross Society:

On 14 November 2018, a guest lecture on 'Finger Prints' by Dr. Inderjeet Singh, Forensic expert and Advocate, was organised due to the efforts of Dr. Sarabjeet Singh Ahluwalia.

A Multi Speciality Camp was organised by this club and society with the help of Columbia Asia hospital, Patiala on 15 November 2018.

On 20 October 2018, this Club and Society celebrated 'Vigilance Awareness Week' with the help of Vigilance Bureau Unit, Patiala under the theme 'Fight Corruption and Create New India'.

50. Grievance Cell:

The problems and suggestions of students were taken into consideration by Grievance Cell running under the surveillance of Dr. Jagjeet Singh. Appropriate efforts were made to solve these problems.

51. P.T.A Cell:

The meeting of Parent-Teacher association was held under the surveillance of Dr. Anju Khullar, Convever of P.T.A Cell. In this meeting parents of students were given information regarding MST marks, lectures, classes, coaching and remedial classes provided at the college. Feedback proformas were also got filled. Parents of approximately 1700 students were congratulated on Diwali by Email.

52. Old Students Association (OSA):

With the efforts of Prof. Jaspreet Kaur, Convener of the Association on 19 May 2018, an event was organised related to OSA. On this Occasion Dr. Surjeet Singh, Surgeon in America, made his presence as a chief guest.

During this Session former students of the college, Dr. Tara Singh Sandhu, Dr. Avtar Singh, Ms. Jagjeet Kaur Bajwa, S. Onkar Singh, Shri Madan Chouhan and Miss Afsana were rewarded with College Ratan award for their remarkable achievements in different fields.

On 19 November 2018, a special event was organised related to OSA. Dr. Darshan Singh Dhaliwal was awarded 'College Ratan' for his remarkable accomplishment in the field of trade and charity.

53. Publication Cell:

Four books were published by the Publication Cell running under the guidance of Dr. Pushpinder Kaur, Dean Press and Publication. One book is related to the curriculum and other three books are related to conference proceedings. First book is **Compendium of Selected Essays**, whose Chief Editor is Dr. Deepinderjeet Randhawa and editors are Prof. Jaspreet Kaur, Prof. Navdeep Kaur and Dr. Jasleen Kaur Nanda. Second book entitled **Leadership Wisdom Diverse Perspectives** was published by School of Commerce and Management. Dr. Dharminder Singh Ubha and Dr. Jasleen Kaur are editors of this book. Third book entitled '**Punjabi Bhasha: Sthiti ate Sambhavnava**' was published by Punjabi Department. Dr. Dharminder Singh Ubha is the chief editor and Prof. Paramjeet Kaur, Prof. Sukhmohan Kaur, Dr. Davinder Singh, Dr. Sarabjeet Singh, and Dr. Jaswinder Singh are editors of this book. Fourth book was published by Post Graduate department of Music Vocal entitled '**Classical Music, Semi- Classical**

Music & Light Music in the Present Perspective'. Dr. Jagjeet Singh, Dr. Tajinder Singh and Dr. Gauri Khanna are editors of this book.

54. Girls Welfare Committee and Nanhi Chhaan Cell:

On 31 October 2018, a guest lecture on 'Health and Care of Minors' by Dr. Daljeet Singh, M.D., Gynecologist, was organized under the guidance of Prof. Sukhmeen Kaur, Dean of Girls Welfare Committee and Convener of Nanhi Chhaan Cell Dr. Balbir Kaur.

On 30 January 2019 Dr. Balbir Kaur, Head of Home Science Department, delivered a lecture on 'Healthy Eating Habits'.

55. Chem Club:

During this session, The Chem. Club, running under the surveillance of Dr. Monika Bansal organized a guest lecture on 30 August 2018 on 'Solar Thermal Storage for Concentrated Solar Power Plant'. This lecture was delivered by Dr. Jaspreet Singh, Associate Professor and Director of F.R and D Florida University Lakeland, USA.

On 20 September 2018 to commemorate the Birth anniversary of Bhai Kanhayia Ji 'Solar Community Day' was celebrated. On this occasion eatables and stationary items were distributed among orphans at Mata Gujri Sahata Trust, Kallar Bhaini. Poster making competition was also held on this occasion.

On 2 November 2018, 'A Green Diwali Rally' was organized on the occasion of Diwali to keep the Environment clean. Rangoli competition was also held. On 28 February 2019, Science Day was celebrated. Poster making competition was also organised on this occasion.

56. Book Club Bibliophile

Under the leadership of Dr. Jasleen Kaur head of Commerce and Management Department and convener of the club Prof. Komaldeep Randhawa **The Wizarding World of Harry Potter** activity was organized.

This Club also organized **Story Competition** and **Book Discussion** activity was organized. Its main motive was to inculcate the habit of discussion and interest to read literature among students.

57. Brave Hearts Club:

Under the leadership of Dr. Deepinderjeet Radhawa, Head of the English Department and Prof. Jaspreet Kaur, Convener of the club on August 2018, this club collected funds for flood affected people in Kolkata and helped them financially.

58. Dr. Ganda Singh Career Guidance, Counseling and Placement Centre.

Five Seminars were organised by this centre under the leadership of Dr. Jasleen Kaur.

One day Seminar on Career Guidance of Professional Skills in Business by Shri Harshit, TCS ION was held on 21 August 2018, for the students of B.B.A I , B.B.A I and the students of M.B.A I . Another One day seminar on ‘ Career Opportunities’ by English Pillar was organised on 16 January 2019 for the students of M.B.A, [M.Com](#), MLD and M.A English. On 29 January 2019, One day seminar was organised on ‘Make it India’ by District Bureau of Employment Punjab for students of M.B.A, [M.Com](#) and MLD. One day seminar on ‘Summer Training’ by MS. Liza Pro Ace was organised on 24 February 2019 for students of B.B.A II, M.B.A I and [B.Com](#) Honours.

Three Placement Drives were organized by this Centre. First Placement drive was organised on 16 January 2019 by English Pillar for the students of M.B.A II, M.A II, MLD II and M.A English I.

Second placement drive was organized on 30 Jan 2019 by Sofia Company for the students of M.A. II, B.Com III and B.B.A III.

Third placement drive was organized on 8 Feb 2019 by ICIC Prudential for the students of B.Com Hons. III, BAF III, M.Com II, MBA II, B.Com III and B.B.A III.

Apart from above mentioned, this centre organized a visit to District Bureau of Employment office for B.Com III, M.B.A II, M.Com II, BCA III and M.Sc (IT) II.

The students of M.B.A. II, M.Com. II, M.L.D. II, M.Sc.(IT) II and P.G.D.C.A. were sent to Oppo Company on 21st January, 2019 where 4 students were selected.

A One- Day Workshop was organised on the theme of **Courage is Building Block for Success** for the students of B.Com. Honours, B.Com. (Accounting and Finance), M.Com, M.B.A., B.Com, B.B.A. was organised on 22nd January 2019 during which Shri Vishal Sood, Director, M.M.D.U. addressed the students.

59. Library:

During this session 23,67,877 rupees were spent on 3738 new books for the library. At present the total number of books in the library is 42588. 10304 books were issued to college students, teaching and non-teaching staff till 1-3-2019. From P.T.A. Fund, books worth 82543 rupees were issued to meritorious and needy 108 students free for the whole year. 72 journals and magazines were earlier subscribed by different departments and this year 8 new journals were subscribed. The total at present is 80 journals and magazines. 22 newspapers in English, Hindi, Punjabi languages have been subscribed for the library. 3 e-resources N-list(5900/-), J-Gate (64900/-), Delnet (13570/-) have been subscribed for the library. With the help of these e-resources, large number of e-journals and e-books can be searched online. Library was automated for better efficiency of library work. Library O.P.A.C. was connected to college website to form web O.P.A.C. to search the record of college library so that any person sitting at any part of the world can search library record. This is the first college library where this facility has been provided. During this session 4 students were trained in library works. To stop the stealing of books from the library, RFID (radio frequency identification) has been installed.

60. College Magazine 'Naviyaan Paidhan':

The college magazine 'Naviyaan Paidhan' was published under able guidance of Chief Editor Dr. Harvinder Kaur and Deputy Chief Editor Dr. Pushpinder Kaur, in order to bring out the hidden talent of the students. The teacher incharges for the different sections of the magazine are: Dr. Harvinder Kaur (Hindi), Prof. Navdeep Kaur (English), Dr. Sarabjeet Singh (Punjabi), Dr.

Nipunjot Kaur (Science), Dr. Komaldeep Kaur (Commerce and Management), Dr. Imtiaza Khan (Agriculture) and Dr. Manjot Kaur (Computers).

VOTE OF THANKS

I extend my sincere thanks to honourable Chancellor Dr. Deborah L. Ford and Dr. Abey Kuruvilla who have very kindly spared their precious time out of their busy schedule to grace the occasion of this Annual Convocation. I am also highly thankful to S. Surjit Singh Rakhra for sparing his valuable time to attend the Annual Convocation and award degrees to the students. I also offer my special thanks to all the guests and representatives of esteemed institutions present on this occasion who have obliged us with their presence. I am also grateful to the representatives from the media for their commendable cooperation to the college from time to time. I express my deep sense of gratitude to the teaching staff, non-teaching staff and students of the college whose sincere hard work and dedication has made it possible for the college to attain tremendous success and achievements in all the fields.

Towards the end, I heartily congratulate all the students and also their parents, who have been awarded degrees today. I pray to Almighty to bless them all with great success and enable them to achieve their goals in life. I also pray to Almighty to bless the college with more success and to give all of us the inspiration and motivation to work wholeheartedly to achieve stupendous results for the college in future as well.

Thank you

Dr. Dharminder Singh Ubha
Principal