



SWAMI SHRADDHANAND COLLEGE  
UNIVERSITY OF DELHI



**2019-2020**  
**ANNUAL REPORT**

**Swami Shraddhanand College**  
(University of Delhi)



website : [www.ss.du.ac.in](http://www.ss.du.ac.in)



**NCC BOYS Unit & ALLAHABAD BANK**  
**SWAMI SHRADDHANAND COLLEGE**  
UNIVERSITY OF DELHI

**Vigilance Awareness Week**  
From 28 October to 2 November, 2019

**DRAWING, SLOGAN WRITING and ELOCUTION**  
Theme : **INTEGRITY - A WAY OF LIFE**  
31 October, 2019, 9.30-12.00 AM  
New Campus OPEN CENTRAL AREA

"Be the change you wish to see in the world"

In Association with

Dr. Mukesh Rana  
ANO NCC - 6DBN

Ms. Priyanka Arora  
Allahabad Bank, SSNC

Dr. P.V. Khatri  
Principal, SSNC



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In a varied and diverse society as ours, education stimulates social, political and economic growth. Higher education provides fillip in ensuring overall development of the community and region, bridging the divide between literate-illiterate, rich-poor, rural-urban and forging socio-political and economic changes in the society. Swami Shraddhanand College, a popular institution of the University of Delhi, has been up to the task since its inception in the late 60's in the rural suburbs of North Delhi. As one of the first colleges to be established in rural area it caters to the educational needs of its surrounding villages. There has been a gradual change in the demographic profile of the college. While performing its role as a pivot of higher education for the area, it has been able to attract students from across the country. It has been equipping them with knowledge and imbuing in them a sense of being awakened and responsible citizens of the country.

The institution cultivates and makes its students realize their full potential through integrated and multi-disciplinary education with the aid of its highly qualified teachers and specialized non-teaching staff. The college boasts of well-equipped laboratories and spacious library having a varied and vast collection of books. The college library is integrated with Delhi University Library System, which keeps the students abreast with latest research in different fields while keeping them in consonance with new and emerging technologies. Our institution is also a cradle for budding sports persons who are encouraged by its sports infrastructure- extensive sports ground and professionally trained staff. Generous funds and grants are allocated for various sporting activities and events. Keeping on with its role as an academic and social institution, the college provides scholarships and free-ships to its deserving students. Meritorious students are provided accolades through various awards and prizes annually. With the avowed purpose of cultivating and improving academic environment in the college, students' societies and associations are promoted and nurtured. The societies and associations organize and sponsor lectures, talks, seminars, exhibitions, tours etc integrating practical component with the theoretical treatise in classroom.

The college is on a progressive movement towards excellence and aspires to be one of the foremost centers of higher education in the University of Delhi. We all are committed to and are striving to realize the full potential of the institution through our collective endeavour and effort.

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**Matter for Chief Guest**

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### ADMISSIONS

The college has seen gradual but steady rise in the cut-offs for the academic session 2019-20 in all courses. This in itself speaks volumes about its rise in becoming popular and premier institution of higher education in the University of Delhi reflecting the dedication and commitment shown by both teaching and non teaching staff. The total number of students for academic session 2019-20 is 4397. Sanctioned seats for various courses in the college are as under:

S.No.	Courses of Study	Courses Seats
1	M.A. Hindi	14
2	B.A. (Hons.) English	68
3	B.A. (Hons.) Hindi	68
4	B.A. (Hons.) History	68
5	B.A. (Hons.) Geography	68
6	B.Sc. (Hons.) Zoology	34
7	B.Sc. (Hons.) Botany	34
8	B.Sc. (Hons.) Physics	34
9	B.Sc. (Hons.) Microbiology	34
10	B.Sc. (Hons.) Chemistry	35
11	B.Sc. (Prog.) Physical Science	101
12	B.Sc. (Prog.) Life Science	101
13	B.Sc. (Prog.) Applied Life Science	34
14	B.A. (Programme)	305
15	B.Com (Hons.)	101
16	B.Com (Programme)	407

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**DEPARTMENTS ACTIVITES**

**Botany Department**

Dr. Parveen Garg, Dr Rekha Joshi, Dr Anil Kumar, Dr Kiran Bala and Dr Shibha Bagher have successfully conducted an educational trip to Dharmshala for ethno-botanical studies with students of B.Sc Botany (Semester III) to study the Tibetans medicinal system called 'Soya-Rigpa' from 22-27 September 2019.

**Dr. Bhoopander Giri:**

- Attended Akhil Bhartiya Savantantravir Savarkar Sahitya Sammelan held at Dr Ambedaker International Center, Janpath New Delhi from 26-27 February 2020.
- Biodiversity and Its Conservation published by Neeraj Publishing House, New Delhi ISBN 9789383784326.
- Organised a Botanical trip to McLeod Ganj and IHBT Palampur, Himachal Pradesh.
- Ying-Ning Zou, Hui-Hui Wu, Bhoopander Giri, Qiang-Sheng Wu, Kamil Kulla (2019) Mycorrhizal symbiosis down-regulates or not change root aquaporin expression in trifoliate orange under drought stress. *Plant Physiology and Biochemistry* 144: 192-199.
- Priyanka Srivastava, Qiang-Sheng Wu and Bhoopander Giri (2019) Salinity: An Overview. In Giri and Varma (eds), *Microorganisms in Saline Environments: Strategies and Functions*, Springer Nature, Switzerland AG, pp 3-18 ISBN 978-3-030-18974-7
- Book "Biofertilizers for Sustainable agriculture and Environment" published by Springer Nature Switzerland AG 2019, Giri B et al. (eds.). ISBN 978-3-030-18932-7.
- Book "Microorganisms in Saline Environment: Strategies and Functions" published by Springer Nature Switzerland AG 2019, Giri B and Varma A (eds.). ISBN 978-3-030-18974-7.
- Book "Soil Health" Giri B and Varma A (eds.). Springer International Publishing

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AG, a part of Springer Nature (in Press).

- Delivered a talk on “Mitigation of Salinity Stress by Arbuscular Mycorrhizal Fungi” in Plant Biologicals Symposium-2019 held during 13-14 November 2019, University of Copenhagen, Denmark.
- Delivered a talk on “Combating Salinity Stress through Microbial Biotechnology” in the National Workshop on “Bioinformatics: An Application of Computers in Biological and Chemical Sciences” during 14-16 October 2019, organized by Pt. Dwarkadas Vigyan Mahavidyalaya Athner, Betual, M.P., India
- Chaired sessions at the 5th Annual Congress on Plant & Soil Science held during February 28-March 01, 2019 in London, UK, organized by EuroSciCon Ltd. 40 Bloomsbury Way Lower Ground Floor, London United Kingdom WC1A 2SE.
- Participated in a two-day (15-16 March 2019) FDP programme organized by Mahatama Hansraj Faculty Development Center, Hans Raj College, University of Delhi, Delhi.
- Participated in a 5-days (13-17 June 2019) FDP programme on “MOOCs and e-Content Development” at Deen Dayal Upadhyaya College, University of Delhi, jointly organized by SWYAM, CEC and DDU.

### **Dr. Kiran Bala, Assistant Professor in Botany**

1st Presented a paper titled ,Traditional practices of wild plants in District Kinnaur (HP)’ in, 1 st International Conferences on Integrative Chemistry, Biology and Translational Medicine’ in 25-26 th February, 2019,in Conference Center, University of Dehli, India.

Presented a paper entitled „Ethnobotanical survey on some medicinal plants with potential anti-cancer activities found in Himalayas of Himachal Pradesh’ in national seminar on „Recent trends of research in medicinal plants and applied Sciences’ held in March 27, 2019 in Ramjas College.

Presented a paper titled „Importance of algal oil as a source of bio-diesel’ in National Conference on „Smart Energy resources and sustainable engineering’ held in March 28-29, 2019 in Swami Shreddhanand College, Alipur

Published chapter in Ethnobotany –II, Chapter 5, 85-99 on ‘Ethnobotany as a tool to protect the interests of ethnic group’, ISBN- 978-81933805 Kojo press ‘ Paper

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published in conference proceedings on 'Smart Energy resources and sustainable Engineering' entitled 'Importance of algal oil as a source of biodiesel; A short review' Punblisher- Energy@SSNC, ISBN-978-93-5391-131-7, 30-36 .

### Department of Chemistry

**Dr. Bhupinder Mehta** , Associate professor , Department of chemistry

#### Academic Activitties

- ▶ Participated as an expert in committee of Discipline Specific Course in Chemistry- MOECULES OF LIFE , of the B.Sc. Programme (CBCS) of School of Sciences , Indira Gandhi National Open University (IGNOU) , New Delhi on 22 February , 2019.
- ▶ Following On-line Certification Courses , conducted by IITs and IISc (Bangalore) , under the National Programme on Technology Enhanced Learning (NPTEL), (A National Coordinator under the SWAYAM Programme), have been completed. These courses are funded by the MHRD, Govt.of India. All courses (except "Soil Science and Technology") are approved as Faculty Development Programme (FDP) by AICTE (All India Council for Technical Education) .

#### I. *Course Name* : MULTIDIMENSIONAL NMR SPECTROSCOPY FOR STRUCTURAL STUDIES OF BIOMOLECULES

- ▶ *Course Duration* : 08 weeks (Jan-March 2019)
- ▶ *Certificate issued by* : Indian Institute of Science, Bangalore

#### II. *Course Name* : MEDICINAL CHEMISTRY

- ▶ *Course Duration* : 12 weeks (Jan-April 2019)
- ▶ *Certificate issued by* : IIT - Madras

#### III. *Course Name*: SOIL SCIENCE AND TECHNOLOGY

- ▶ *Course Duration* : 12 weeks (Jan-April 2019)
- ▶ *Certificate issued by* : IIT- Kharagpur

#### IV. *Course Name* : ANALYTICAL CHEMISTRY

- ▶ *Course Duration* : 12 weeks (July-Oct 2019)
- ▶ *Certificate issued by* : IIT- Kharagpur



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### V. *Course Name* : STRESS MANAGEMENT

- Course Duration : 4 weeks (July-Aug 2019)
- Certificate issued by : IIT- Kanpur

### VI. *Course Name* : COGNITION, TRANSFORMATION AND LIVES

- Course Duration : 4 weeks (July-Aug 2019)
- Certificate issued by : IIT- Kanpur

### **Dr. Chhagan Lal, Assistant Professor, Department of Chemistry**

- Participated as a Subject Expert meeting for the preparation of definitional dictionary for Commission for scientific & Technical Terminology, Ministry of MHRD, Delhi ,on 25th june,2019 to 28th june,2019.
- Presented a paper in National Seminar on “Technical Terminology and Science Teaching” held at Shyamlal College, University of Delhi, on 29th jan,2020 to 30th jan,2020.
- Delivered a talk on “ water wisdom of Jaisalmer” in National Seminar held at Shakambhari, Saharanpur, organized by Deen dayal Research Institute and Indira Gandhi National Centre for Arts UP 25th Sep,2019 to 26th sep,2019,
- Presented a poster on “Role of Photogalvanic Solar Cells in Nano Technology” at National Seminar on “Nano Road Show 2020”held at Miranda House, University of Delhi, on 1st feb,2020 to 2nd Feb,2020

### **Dr. Y.K. Sharma, Assistant Professor in Chemistry**

- Delivered a talk on “Nanoparticles: Formulation, Characterization and Their Applications” in add-on Couse “ Facets of Research in Biology” on Feb.15th, 2020 organized by Department of Zoology, SSNC, University of Delhi.
- Invited as Judge for the evaluation of scientific projects in the 47th Kendriya Vidyalaya Sangthan, Jawahar Lal Nehru National Science, Mathematics and Environment Exhibition held on September 29th at Kendriya Vidyalaya, Tagore Garden, New Delhi.
- Awarded 2nd Best Oral Presentation on “Cosmetics: An Avenue Towards Economic Growth” has been awarded in ICSSR sponsored national seminar “ Technology for Environmental Sustainability, Socio-Economic Responsibilities and Associated Entrepreneurial Opportunities of 21st Century” organized by Sri Aurobindo College,

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University of Delhi.

- Completed three months short-term certificate course on “Solar Technology:A Solution to Environmental Problems” held during December- March, 2019 jointly organized by Mahatma Gandhi Institute for Combating Climate Change (MGICCC) and SSNC, University of Delhi.
- Presented a paper Oral Presentation on ‘Correlation Between Energy Consumption, Economic Growth and Climate Change’ in ICSSR sponsored national seminar “ Technology for Environmental Sustainability, Socio-Economic Responsibilities and Associated Entrepreneurial Opportunities of 21st Century” organized by Sri Aurobindo College, University of Delhi.

### Department of Computer Science

**Ms. Meera Sharma** *contributed the following*

- Abhishek Tondon, Meera Sharma, Madhu Kumari and V.B. Singh. Entropy based Software Reliability Growth Modelling for Open Source Software Evolution (2020) Technical Gazette (Print: ISSN 1330-3651, Online: ISSN 1848-6339), Vol. 27(2).
- Meera Sharma, Madhu Kumari and V.B. Singh. Multi-Attribute Dependent Bug Severity and Fix Time Prediction Modeling (2019) International Journal of System Assurance Engineering and Management ISSN 0975-6809 Vol. 10(5).
- Meera Sharma, Madhu Kumari and V.B. Singh. Bug Priority Assessment in Cross Project context using Entropy based Measure (2019). International Conference on Machine Learning and Computational Intelligence (ICMLCI), 14-15 December, 2019, held at IIMT, Bhubaneswar, Odisha, Springer, Germany.
- Kumari Seema Rani, Madhu Kumari, V. B. Singh, Meera Sharma. Deep Learning with Big Data: An Emerging Trend. ICCSA (7) Lecture Notes in Computer Science (LNCS 2019), pp. 93-101.
- Presented paper entitled “Bug Priority Assessment in Cross Project context using Entropy based Measure” in International Conference on Machine Learning and Computational Intelligence (ICMLCI), 14-15 December, 2019, held at IIMT, Bhubaneswar, Odisha, India.
- Attended a one-week Faculty Development Program on the topic “Co-creating MOOCs”, organized by the TLC, Ramanujan College, and University of Delhi from 10th Feb, 2020 to 16th Feb, 2020.

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- ▶ Delivered a talk on "ICT Tools" at ShyamLal College (Morning), Delhi University on 04.01.2020 organized by Innovation Council.

### Ms. Akanksha Gupta

- ▶ Akanksha Gupta, Priyank Nahar. An effective Smart Agriculture system using Internet of Things (2019). International journal of Engineering and Advanced Technology, ISSN: 2249-8958, Vol 9(2). Indexed in SCOPUS and DBLP, UGC-CARE List Group A.
- ▶ Chapters published in International books
- ▶ 'Routing protocol analysis for Internet of Things' in the book titled 'The Stances of e-Government – Policies, Processes and Technologies', 2019, CRC Press, Taylor and Francis Group, USA. ISBN – 978-1-138-30490-1.
- ▶ 'IoT based Smart agriculture in India' in the book titled 'Cognitive computing systems - Applications and technological advancements', to be published by CRC Press, Taylor and Francis Group, USA, in 2020.
- ▶ Faculty Development Program Attended
- ▶ Attended a one week faculty development program on the topic "Co-creating MOOCs", organized by the TLC, Ramanujan College, University of Delhi from 10th Feb, 2020 to 16th Feb, 2020.

### Department of Commerce

#### Dr. L.R. Paliwal made the following academic

- ▶ Presented a paper in 7th Annual International Commerce Conference January 17-18, 2020, titled "Employee Branding : An Empirical Study of Public Sector Companies Employees."
- ▶ In 42nd International Seminar and National Conference, Jai Narain Vyas University of Jodhpur, Rajasthan. 28-29 December 2019, Paper titled " Goods and Service Tax: Study of Awareness in Micro, Small- Medium Enterprises.", "Carbon Credit Accounting and Taxation Practices in India."and "Artificial Intelligence in Accounting and Auditing: Reasons and Impact."
- ▶ In 72nd All India Commerce Conference Organized By KIIT Deemed to be University, Bhubaneswar From 22nd to 24th December, 2019 in Technical Session-III, Paper Title-India's NPA Crisis and New RBI Policy and FRDI Bill."
- ▶ One Day Workshop on " Corporate Accounting" B.Com(H), Semester II(bch 2.2)

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on 27th January, 2020 at Hansraj College, University of Delhi in Collaboration with Department of Commerce, Delhi School of Economics.

- Attended International Conference on Innovations and Emerging Trends in Global Economy: Opportunities & Challenges and Advanced Research & Technological Issues in Management, Commerce, Economics, Education, Gender Studies & Information Technology on August 16-17, 2019 at Kanoria PG Mahila Mahavidyalaya, JLN Marg, Jaipur, Rajasthan.
- Attended one Day Knowledge Sharing Program on “Experiential Learning – Models Methods and Practices” at IBS Gurgaon Campus on August 31, 2019.
- Chaired the technical Session UGC Sponsored Conference on CSR and Governance Current Scenario: Issues & Challenges on 23-24 March 2019, at Jai Narain Vyas University, Jodhpur, Rajasthan.

### **Department of English**

#### **Dr. Prabhakar Palaka , Assistant Professor in English**

- Chaired a session in the Annual Conference “Dalit Literature: Texts and Contexts” organized by the Department of English, University of Delhi from March 13-15, 2019.
- Delivered an invited lecture on “Ambedkar and Literature” at Rayagada Autonomous College, Berhampur University, Odisha on 22nd Dec. 2019.
- A book titled Reading the “Margins : History, Culture and Literature” edited by Dr. Prabhakar is shortly going to be published by People’s Literature Publications.

#### **Dr. Vibha Manoj Sharma**

Received the IMRF Life Time Achievement Award in the Academic year for English American Fiction in purview of her consistent superior performance in the Subject, in International Conference held in Delhi on 26 July, 2019.

- Presented a research paper titled “Dynamics of the Study of Dandanata: A Folk Performing Art in Odisha” in the First International Conference on Humanities, Arts and Sciences (BICOHAS-2018) held at Kualalampur, Malaysia from 24th to 27th August 2018 jointly organized by Universiti Putra Malayasia (UPM), Kualalampur, Malaysia; Bodhi International Journal of Research in Humanities, Arts and Sciences and Bishop Heber College (Autonomous), Tamil Nadu.
- Presented a paper titled “Performance as Communication: A Special Reference to the

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Study of Dandanata in Western Odisha” in the International Conference on Folklore and Philosophy, and Other Issues organized by the Department of Media Studies, Thunchat Ezhuthachan Malayalam University, Tiruru, Kerala in association with Nepali Folklore Society, Kathmandu, Nepal; All India Folklore Association, New Delhi; Centre for Integrated Social Development and Research, Tenkasi, Tamilnadu; Karnataka Folklore Association, Mysore; and Visual Anthropology Research Foundation, Mysore on 15-17 March 2019.

- ▶ Presented a research paper on “Performance Leading to Communication: An Interdisciplinary Approach to the Study of Dandanata in Western Odisha” in the International Conference on Revisiting English Language and Literature Multicultural Milieu (RELLMM-2020) organized by Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Chennai in association with Bodhi International Journal of Research in Humanities, Arts and Sciences on 22nd January 2020. He also got an opportunity to chair a technical session in the conference.

### Departmental of Geography

The department of Geography has always been active in various academic and extra-curricular activities. The academic session 2019-2020 began on 20th July, 2019 with orientation programme for the new students . It provides comprehensive information about the academic and student service resources and programs to new students which will support their educational and personal goals and also create an atmosphere that minimizes anxiety, promotes positive attitudes and stimulates an excitement for learning. It also provide a welcoming atmosphere for students and families to meet faculty, staff and continuing students as well as other new students.

Under the guidance of teacher in-charge, Dr. Kiran Dabas, the students of the department elected their office bearers to the Geography Society “ Bhugolika” for the year 2019-2020. The students of the department organized its fresher's party on 28th August, 2019 to welcome the 1st semester students. The students performed various cultural activities. The 1st semester students also got opportunity to interact and perform on the stage.

The Geography Department organized a “Climate Talk” with The Ecological Indian on 16th September, 2019 at 10:00 am at Seminar Hall (New Building). A discussion was held between the students and Mr. Vijay Sehrawat, Founder, The Ecological Indian(NGO) along with Mr. Akash Mann and Mr. Prashant Pal with a mission to create a generation of solutions to the environmental crisis. This programme also featured a short preview of

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documentary called "The City we Built" followed by a conversation.

Department of Geography organised a special lecture on "Sustainable Water Resource Management" on 31st January, 2020 at 11:00 am at Seminar Hall (New Building) by Professor S.C. Rai, Department of Geography, Delhi School of Economics, Delhi University. The lecture gave an insight that a multidisciplinary and holistic approach is required for achieving sustainable water Resource management, in which technical, environmental, economic, landscape aesthetic, societal and cultural issues are addressed.

Department of Geography in association with Placement cell organised one day workshop on "Career Prospects in GIS for graduate Students" on 3rd February, 2020 which highlighted the role of GIS in solving day to day life problems, career options and current industry requirements.

The Department is planning to organise a long excursion for B. A. (Hons) Geography 6th and 4th semester Students in the month of March 2020 under the guidance and supervision of Dr. Jagbir Dahiya.

Every year the department celebrates GEO-FEST, an event that is marked with both academic and cultural fervor. The department is planning to organize the fest in the month of February. Prof. R.B. Singh, Head, Department of Geography, Delhi School of Economics, Delhi University will be the Chief Guest and he will also deliver a lecture on "Environment and Sustainability. Sir will also release our magazine "Geo-Vision", which would focus on "The Five Elements of Nature" to hone the research and writing skills of the students. Various competitions will be held like Graffiti, pot painting, online photography, spring talk and Geo quiz in which students of different colleges will show their enthusiasm by participating actively. The session will end with the farewell function of the outgoing batch.

### **Dr. Daljit Singh**

- Dr Daljit Singh, visited Aligarh Muslim University from 2 to 4 December 2019, as a Resource person and trained the participants of DST Sponsored 21 days winter school training on Geo-Spatial Technologies. The participants included faculty members, municipality officials and research scholars from different parts of the country.
- He delivered an invited Lecture in the Department of Geography, CRS University Jind.

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- He was invited by the Department of Geography of Kalindi College and AditiMahavidyalaya to train the Faculty and students on QGIS – open source Mapping software.
- He organised an Add on Course on GIS in GVM College, Sonipat and trained the students on QGIS.
- He represented a paper on “Urbanisation Impact on Local Water Bodies: A Case Study of Northern Gurgaon City Ponds in XII International Geographical Union (IGU) India, Conference on CLIMATE CHANGE NATURAL DISASTERS AND SUSTAINABLE DEVELOPMENT, organised by Govt. PG College, Panchkula, India.

### **Dr. Jagbir Dahiya**

The following activities took place in college very successfully under the his convener-ship:-

#### **1. Women Safety Transport Range:**

Students have successfully participated in the inaugural of QR CODE SCHEME (Himmat Plus) on Women Safety on 23rd August 2019 which have created awareness and empowerment.

2. **NETRA** Institute of Geoinformatics Management & Technologies Foundation, provided one day intensive training on GeoSpatial Technologies on 01 October 2019. The training have profoundly given an extra add on skill to the students which have helped student in their studies and curriculum.

- Attended United Nation programme on Disaster Risk Reduction in May 2019 in Switzerland.
- Book released on DISASTER MANAGEMENT: A DATA ANALYSIS APPROACH, at United Nation in May 2019 In Switzerland.
- First time in the history of University Of Delhi, Three Months Advance National Training Cum **Add on Course** on Mass Disaster Response Skills Is going on from 20th January to 20 April 2020. The training is dedicated to train students and teachers for smart disaster response skills.

### **Dr. Preeti Sachar**

- Attended two day National Conference on “Historical Geographies of Location and Cultural Evolution in India” on 13-14th April, 2019, held at Department of

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Geography, Delhi School Of Economics, Delhi University.

- Successfully completed first Geography Refresher course from 16/9/2019 to 28/9/2019 from UGC HRDC , JNU.
- Has also attended 1st short term course on community participation and outreach programme from UGC, HRDC JNU from 9th December to 14 December, 2019.
- Attended one day seminar on Social Science : Research Methodology & Community Development on 20th November,2019 from Northern Regional Centre, ICSSR (OLD CRS Building )(Damodar Hostel ), JNU.

### **Dr. Ushvinder Kaur**

- Attended an orientation session on “Sustainable Development Goals”, conducted by Social Statistics Division, National Statistical Office, Ministry of Statistics and Programme Implementation, Government of India held on 18th April 2019.
- Presented a paper title “Haphazard Growth of Farm Houses in Delhi and Environmental Sustainability” at ICSSR-IMPRESS, National Seminar on Spatial Dimensions of Environmental Problems and Natural Resource Law held on 3-4th September, 2019.
- Resource person for Live program on topic “Environmental Degradation and Disaster Management” at NIOS Centre which was live streamed on DD channel on 5th November 2019.

### **Dr. Kiran Dabas**

- Worked as Member of Organising Committee and also presented Paper on “The Impact of Demonetization in India” in UGC sponsored National Seminar on “Demonetization: it’s Economic and Political Implication in India, organised by Swami Shraddhanand College, Delhi University, 29-30 April,2019.
- Participated in the inaugural of QR CODE SCHEME (Himmat Plus) on Women Safety on 23rd August 2019 which have created awareness and empowerment.
- Presented Paper on “ An analysis of Issues and Challenges of Water Supply in Urban Areas of India” in UGC sponsored National Seminar on “Spatial Dimensions of Environmental Problems and Natural Resource Law, organised by Shaheed Bhagat Singh College, Delhi University,29-30 April,2019.



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### Dr. Anjali Yadav

- ▶ Successfully completed first Geography Refresher course from 16/9/2019 to 28/9/2019 from UGC HRDC , JNU.
- ▶ Attended 1st short term course on community participation and outreach programme from UGC, HRDC JNU from 9th December to 14 December, 2019.

### Department of Hindi

Under the supervision of Dr. Pardeep Kumar, Teacher-in-Charge, Hindi Department organized various programmes in the session 2019-20. The department was actively involved in organizing various student centric activities.

Hindi Sahitya Sabha organized “Hindi Saptah” from 30 October 2019 to 5 Nov. 2019. Hindi Poetry Recitation, Lok Geet Gayan, Hindi Essay Writing, Sahityik Poster Making, Sahityik Rangoli, Sahityik Mehndi Competitions were organized. The objective of the various competitions was to spot competent and creative young writers and poets. It was encouraging to see the quality of the responses the competition elicited.

#### Prize winners are

#### Hindi Essay Writing Competition held on 30.10. 2019

Ist Prize – Neetu, B.Com. (P) Ist Year, Sec.C

IIInd Prize – Akash Kumar, B.A. (P) Ist Year, Sec C

IIIrd Prize– Ajeet Singh Nauhwar , B.A. (Prog) IIIrd Year

#### Sahityik Poster Making Competition held on 31.9.2019

Ist Prize – Hemlate, B.Com. (P), IIInd Year

IIInd Prize – Shweta, B.A. (Hons.) Hindi, IIInd Year

IIIrd Prize – Guljahan, B.A. (Hons.) Hindi, IIIrd Year

#### Intra College Hindi Poetry Recitation held on 1-9-2019

Ist Prize – Julfikar, B.A. (Hons.) Hindi, IIIrd Year

IIInd Prize – Daman Kataria, B.Com. (P) IIInd Year

IIIrd Prize – Raunak Khatri, B.A. (Hons.) Hindi, Ist Year

#### Lok Geet Gayan Pratiyogita held on 1.11.2019

Ist Prize - Guljahan, B.A.(Hons) Hindi, IIIrd Year

IIInd Prize – Aman Bhatt, B.Sc. Physical Science, IIInd Year

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IIIrd Prize – Aniket, B.Sc. Life Science, IInd Year

Shweta, B.A. (Hons.) Hindi, IInd Year

### **Sahityik Rangoli Making Competition held on 4.11.19**

Ist Prize – Mamta & Sheetal, B.A. (Hons.) Hindi, IInd Year

IInd Prize – Julfikar & Dolly, B.A. (Hons.) Hindi, IIIrd Year

IIIrd Prize- Shivani & Seema, B.A. (Hons.) Hindi, IIIrd Year

### **Sahityik Mehendi Designing Competition held on 4.11.92019**

Ist Prize - Roshni, B.A. (Hons.) Hindi IInd Year

IInd Prize – Divya, B.A. (P) IInd Year

IIIrd Prize – Jyoti, B.A. (Hons.) Hindi], IInd Year

Consolation Rahul Avasthi, Vishal Swaroop Thakur

**Seminar and Prize Distribution Ceremony** was held on 5.11.2019. Prof. P.C. Tandon, Hindi Department, Delhi Univ. delivered a lecture on “ Hindi mein Rozgaar ki Sambhavnayen”

Hindi Department organized an educational excursion to Tilyar Lake, Rohtak on 20th Feb., 2020. 50 students and four faculty members visited Rohtak.

### **Dr. Vineeta Kumari**

- Presented a Research Paper titled “Tulsidas Aur Hashiye ka Samaj” in the international seminar organized by Ayodhya Shodh Sansthan & Sahitya Sanchay Foundatiion, Delhi on 23 Nov. 2019 at Tulsi Smarak Sthal, Ayodhya and this paper is published in the book named Tulsidas Aur Manav Mulya.
- Published a research paper titled “ Madhyakaleen Krishna Kavya Mein Manav Mulya” in Sahridaya Patrika, Manav Mulya Visheshank.
- Delivered a lecture on “Mahamati Prannath Ka Yugbodh Aur Unki Samajik Sanskritik Drishti” on 8 Nov., 2019 at Bhartiya Vidya Bhawan Auditorium.
- Delivered a lecture on “Atal Bihari Vajpayee : Ek Jivant Vyaktitv” on 5 January, 2020 at Himachal Bhawan.

### **Department of Microbiology**

The faculty and students of the Department have been actively participating in various academic and extra-curricular students throughout the year. The Department had organized a health talk on ‘Cancer Awareness’ on 26th September, 2019 where Dr. Poonam

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Gambhir, Senior Medical Officer and Dr. Jai Gopal Sharma, Consultant from Preventive Oncology, BLK Cancer Centre (B.L. Kapoor Hospital, Delhi) imparted knowledge about causes, symptoms, diagnosis and treatment of various types of cancers. An industrial visit of the students, accompanied by Dr. A. Archana, Dr. Parvinder Kaur, Dr. Lakshna Mahajan and Dr. Sweta Yadav, to the factory of Yakult Danone India Ltd. at Rai, Sonapat and National Institute of Food Technology and Management (NIFTEM), Sonapat was successfully conducted on 30th January, 2020. This was quite useful towards making the students understand the basic and industrial aspects of Food Microbiology and Food Technology.

Dr. S.K. Srivastava, Dr. A. Archana, Dr. Parvinder Kaur and Dr. Sweta Yadav accompanied students to Ram Lal Anand college on 4th February, 2020 for attending a lecture on 'Synthetic Biology: From Concepts to Application' delivered by Dr. Pawan K. Dhar from School of Biotechnology, JNU. The Department of Microbiology, Ram Lal Anand college had also organised a DBT sponsored National Seminar on 'Metagenomics and Genome Editing' on 5th February, 2020, which was attended by Dr. S.K. Srivastava, Dr. A. Archana and Dr. Lakshna Mahajan along with many final year students.

The Department successfully organized a UGC sponsored 10 days Add-on course for Microbiology students on "Industrially Relevant Aspects of Food Safety and Microbiology" conducted between 13th and 25th February, 2020. Eminent speakers spoke on topics such as food safety principles, food additives, biofilms, fermentation technology for food production, fermented foods, gut microflora, food borne diseases and their prevention, and responsibilities of a food scientist. An amazing interactive session on setting up a retail store was organized by the guest speaker, Dr. Ruchi Srivastava. This add-on course was immensely interesting, useful and was enthusiastically attended by all the participants.

**Dr. Anjana Kapoor** attended IPS Annual Meeting (Delhi Zone) and National Symposium on 'Bio-intensive approaches for management of crop diseases', held by the Indian Phytopathological Society on 21st December, 2019.

**Dr. Lakshna Mahajan** attended a One week short course/ FDP on 'Computational Biology and Translational Bioinformatics' at E & ICT Academy, IIT Roorkee held from 30th September-4th October, 2019. She also published a chapter in a book as follows: 'Surfactant protein D in immune surveillance against cancer' - Gargi Thakur, Lakshna Mahajan, Anuvinder Kaur, Robert Bulla, Uday Kishore & Taruna Madan (2020) in book

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"Collectin Protein Family and its Multiple Biological Activities", Published by Springer Nature.

Kritika Jha, Twinkle Yadav and Ayushi Singh, final year students of B.Sc. (Honours) Microbiology, who have been associated with the Fine Arts Society of our college since its inception in 2018, RENNAISSANCE, have won many laurels in a number of intercollege fests on a consistent basis, bringing name and fame to our college. Milind Raj, a member of PRAVAAD, is a well known name in the university circle as an outstanding orator and extempore speaker. Sagar Atri, a co-founder and ex-president of ENACTUS-SSNC branch (ENTrepreneurial ACTION for others creates a better world for US all, an organization that fulfills 17 UN sustainable goals worldwide, impacting numerous human lives), alongwith Bharmjeet and Vanshika of second year, have made a positive difference for the underprivileged around our college area via entrepreneurship activities for betterment of their living standards. Rakesh Kumar of second year served as the Vice President of NSS in the last semester.

### **Dr. S K Srivastava**

- ▶ Attended the Hands-on Training on the Recent Advances in Immuno-Proteomics held at CSIR-IGIB, Delhi Aug 29 -30,2019
- ▶ Successfully completed the Workshops on Cancer Immune Responsiveness and Adoptive Cellular Therapies organized by The Society of Immunotherapy of Cancer (SITC) at Houston USA, Sep 4-6,2019
- ▶ Successfully completed the IUIS-IIS-FIMSA course on Basic and Advanced 1 Translational Immunology held at Medical College of the Rajasthan University of Health Sciences, Jaipur Oct.12-16,2019
- ▶ Delivered a Popular Science Lecture on Challenges of Microbes in Medicine at the National Science Center, New Delhi, Nov 13,2019
- ▶ Delivered a Popular Science Critique on Nova-Wonders of Life, a film made by the Harvard Medical School at the National Science Center, New Delhi, Dec 17,2019
- ▶ Presented a paper entitled Applications of Viral Nanoparticles in Vaccination, Immunotherapy and Cancer Treatment in the National Conference on Nano/Biotechnology jointly organized by National Institute of Immunology and JNU, New Delhi Dec 19-21,2019
- ▶ Attended the second International Workshop on Cancer Immunotherapy and Gene Therapy at the India Habitat Center, New Delhi Jan 11,2020

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- ▶ Became a member of Society of Cancer Immunotherapy (SITC), USA
- ▶ Successfully completed the Winter School on Cancer Immunity conducted by the SITC at Houston, USA Jan 13-17,2020.
- ▶ Visited the National Institutes of Health, Bethesda MD, USA, Jan 23,2020
- ▶ Presented a Lead paper entitled Utilization of Viruses maintained in Plants for Vaccination, Cancer and Immunotherapy at the VIROCON, 2020, an International Conference on Evolution of Viruses and Viral Diseases held at Indian National Science Academy, New Delhi 18-20 Feb 2020
- ▶ Received a Hands-on Training in Gene Editing and Phage Therapy workshops jointly organized by the Department of Biotechnology and IARI New Delhi Feb 18-20,2020

### Department of Political Science

**Mr. Pankaj Lakhera** served as a Teacher in charge for the academic year 2019-2020. The Department of political Science organized a seminar on the topic “Abrogation of Article 370: Context of Development of Kashmir and Ladakh” organized on November 11, 2019, Professor Sanjay Paswan (Ex Central Minister and MLC, Bihar) was invited as speaker.

The Programme attracted wide publicity by Newspaper like Hindustan, Dainik Jagran and Rashstriya Sahara. On 20 February, 2020, the Department held a Lecture on the topic “Challenges and Prospects before Dalit Community: A Constitutional Perspective”. The lecture was delivered by Dr Yogender Paswan, Hon’ble Member of National Commission for Scheduled Castes, Government of India.

**Mr. Manish kumar** has a Contributed an article on “GURU GHASIDAS” in a edited book title “Bhartiya Dalit Chintak” published by sage publications. He chaired a session in a two days National seminar on the topic “Nationalism in India” organized by Shyama Parsad Mukherjee College, University of Delhi on 07/09/2019 and 08/09/2019. Mr Manish kumar Awarded as \*Best Leadership Impact International Award\* by Smile-4millions Organization at Parsa district in Nepal on, 25 the December, 2019. He worked as Coordinator in a UGC sponsored National Seminar which was organized by the Department of Political Science, University of Delhi in collaboration with Centre for Multi-level Federalism on the topic “The status of Cooperative Federalism under NDA II: The Impact on Political Institutions “on 25/02/2020

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**Mr. Santosh Kumar's** doctoral research paper was accepted for The Interdisciplinary doctoral Seminar III, "Humanities at the Crossroad: The Ethics and Politics of Interdisciplinary Research" organised by the University of Malaga (Spain), on 13th December 2019 but he could not attend it because of the funding problem. On 24th February 2020, Mr. Kumar attended an UGC CAS-SAP national seminar on "Ethics and Climate Change: Challenges and Prospects", organised by the Department of Political Science, University of Delhi. Mr. Kumar also attended a one day UGC CAS-SAP National Seminar on "Political Theory and Normative Reflections: Addressing Challenges of Our Times", organised by the Department of Political Science, University of Delhi in collaboration with The Centre for Ethics, Politics and Global Affairs (institute of Social Sciences), on 26th February 2020.

**Dr. Kiran Singh** attended Faculty development program on "MOOCs and e-content Development", jointly organised by IQAC, DDU college, Delhi University, SWAYAM, an initiative of MHRD and Consortium for Educational communication (CEC) the national coordinator of UGC for non- technology UG and PG courses. It was held from 13-17 July 2019.

### Department of Physics

**Dr. Vinod Prasad** made the following contributions

➤ Talks Delivered:

- i Response of confined atoms to external fields: talk at the Theoretical Physical Chemistry seminar, UAM- Iztapalapa, Mexico on 8th Nov.2018.
- ii Optical properties of Quantum dots in Kratzer potential. In UAM-Iztapalapa, Mexico 18 Nov. 2018.
- iii Optical response of Quantum hetero structures : Mini Simposio Sobre el Estudio de Sistemas Cuánticos Confinados Septiembre 6, 2019. Sala AT-003. Departamento de Física Universidad Autónoma Metropolitana- Iztapalapa, Mexico
- iv Currents and magnetic fields in confined atom : at Department seminar at the Department of Chemistry UAM - Iztapalapa, September 18, 2019.

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- ▶ International Collaboration started with
  - i Prof. D. Sugny, France.
  - ii Prof. R.P. Sagar, Mexico.
  - iii Professor Norberto Aquino, Mexico.
  - iv Professor G.Lefikidis, Germany.
  - v Professor W. Hubner , Germany.
  
- ▶ Papers presented in International and National Conferences :

International Conference on Physics, Society and Technology 2019 (icpst2019) at Dsh-bandhu College (University of Delhi), Delhi, Jan. 17-19, 2019.

- I Excitonic transitions in quantum dot in Kratzer potential: Varsha, P.Silotia and V.Prasad
- II Rovibronic thermal behaviour of adsorbed molecule in external laser field: S.Devi and V.Prasad
- III Confinement effects on bounded systems: S.Lumb, C.Yadav and V.Prasad
- IV Response of confined positronium to short laser pulses: D.Munjhal, B.Vidhani and V.Prasad (Selected as Best Poster presentation)
- V Un electron subject a un potencial de oscilador amoniaco y un campo eléctrico constante confiado dentro de un circulo: E.C. Osorio, N.A.Aquino and V.Prasad at UAM-Iztapalapa, Mexico city, Mexico, January 30, 2019  
3rd International Conference on Condensed Matter and Applied Physics at Government Engineering College, Bikaner, Rajasthan during October 14-15, 2019
- VI Dynamic polarisabilities of screened Coulomb potentials modified by ring shaped potentials: C.Yadav, S.Lumb, S.L. Talwar and V.Prasad
- VII Confined 2-Dimensional hydrogen atom in magnetic field: K.Poonia, S.L.Talwar and V.Prasad
- VIII Study Of Optical Properties Of Wannier Mott Exciton in Spherical Quantum Dot In Kratzer Potential in Magnetic Field : Varsha, P.Silotia and V. Prasad

### ▶ Papers Published :

- I “Confinement effects on persistent currents in hydrogenic atoms”  
Vinod Prasad, Sonia Lumb, Shalini Lumb Talwar, G. Lefkidis and W. Hübner, Physics Scripta : 94;12505 (2019)

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- II "Exploring response of Li molecule to external electric field: A DFT and SAC-CI study", G.Chanana, K.Batra and V.Prasad: Computational and Theoretical Physics 1169, 112620 (2019).
  - III Persistent "currents and induced magnetization in presence of external magnetic field and transition probabilities in presence of combined laser pulse and external magnetic field for a confined hydrogen atom", V.Prasad, S.Lumb, S.Lumb, G.Lefikidis and W.Hubner, Physics Letters "A 383; 12575 (2019)
  - IV "Non-perturbative multiphoton excitation studies in an excitonic coupled quantum well system using high-intensity THz laser fields" Monica Gambhir, Vinod Prasad Citation:Chin. Phys. B 28(8): 087803 (2019).
  - V "Particle confined in modified ring-shaped potential", Shalini Lumb, Sonia Lumb, Kalidas Sen and Vinod Prasad ,Phys. Scr.: 95; 035404 (2020).
  - VI "Shannon-information entropy sum in the confined hydrogen atom", S.J.C.Salazar, H.Laguna, V.Prasad and R.P. Sager Int.J.Quant.Chem. DOI:10.1002/qua-26188 (2020).
- Reviewed many international journals of repute :
- I Journal of Physics B: Atomic Molecular and Optical Physics (Institute of Physics, London)
  - II Molecular physics (Taylor and Francis)
  - III Applied Surface Science (Elsevier)
  - IV Chemical Physics (Elsevier)
  - V Journal of Physics and Chemistry of Solids (Elsevier)
  - VI Applied Physics B (Springer).



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### Dr. Mukesh Kumar Rana

- Has been discharging duties as **Examination Incharge, Nodal officer for NSP, e-district portal, Foreign Student, GEM, National Cadet Corp Officer, Web administrator and nodal officer for office automation.**
- Has organized various student-related training/workshop /courses in academic session 2019-20 :
- I UGC Sponsored National Workshop on Youth Leadership: Skills & Challenges” on 12-13 April 2019.
- II UGC Sponsored National Conference on “Smart Energy Resources And Sustainable Engineering” on 28-29 March 2019.
- III Short term course on “Training in Energy Technology & Sustainability “ in association with MGICCC during period Dec 2019 – Feb 2020
- IV One day workshop on “SMART ENERGY TECHNOLOGIES in association with MGICCC and DCRUST” on Nov 2019.
- V Two-day Awareness Program on “ Climate Change and Sustainable Development” Feb 2020
- VI Educational trip to Deenbandhu Chhotu Ram University, Murthal, Haryana on 7 Dec 2020.
- Has completed UGC sponsored refresher course on Yoga, Meditation and Sports organized by CPDHE, University of Delhi.
- Editor of Proceeding of National Conference on “Smart Energy Resources And Sustainable Engineering”, has also supervised dissertation work on “Smart technology of efficient use of household Solar Energy” by Ankit Pachar in Jan-June 2019, has also participated in a various event like International Debate on Disaster, has also organized NGPE 2020 (Indian Association of Physics Teachers) exam.
- Has been awarded the Swarn Bharat Parivaar & Next Generation Awards 2019-20 best teacher. Also received the recognition award for exemplary leadership, service creativity Road Safety Work by Arya Yuva Kendra and Ministry of Raod Transport and Highways in March 2019.
- Organized “Fifth Intera-College Chess Championship” and Second “Intra-College Badminton Championship” in the association of Dept. of Physical Education and Sports .

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### Department of Sanskrit

The Department of Sanskrit organized a seminar on Global impact of Sanskrit language and its relevance today in which Prof Ramesh Bhardwaj HOD , Department of Sanskrit, was the main speaker. Prof Bhardwaj presentation was very fruitful for faculties and students. Dr A K Dubey presented vote of thanks on behalf of the Department.

Dr. A.K. Dubey presented papers as key speaker in several conferences and seminars organized by Department of Sanskrit, DU, LB College, DU and other academic institutions.

### Department of Zoology

The Department of Zoology started the session, 2019-2020, with the orientation program for the students where they were introduced to the college system, rules and regulations of our institution. They were acquainted with the CBCS course, different options given in the DSE , SEC and Generic subjects and Internal assessment system. They were also informed of the various extra and co-curricular activities. On 5TH September, 2019, Teacher's Day was celebrated with the students. The lecture was organized by the Dr. Rajni Arora, on 'World of butterflies ' and Butterfly campus count was also done by the teachers and students on 20th September 2019, as a part of Butterfly month celebration in Delhi in association with ABWLS and BNHS. The lecture was delivered by Dr Ishtyaq Ahmed, Education officer CEC, BNHS where the different varieties of butterfly in college campus were identified .The zoology department faculty and students whole heartedly participated in the program. The students accompanied by Dr Smita, Dr Pushpa and Dr Pritam attended a hands- on workshop on SEC paper, Aquaculture, aquarium fish keeping and basic techniques, at KMC Delhi. The students of Life science were also taken to educational trip to Kullu Manali by Dr Pushpa, Dr Manas and Mr. pritam.

The final year students of Zoology (Hons.) accompanied by Dr. Neera Mehra attended a workshop on Animal cell culture at KMC as a part of their project.

### Dr. Bipin Aggarwal

- Presented a paper entitled on " Ecotoxicity of Eucalyptus globulus plant extract (medicinal plant) on soil living system of Eisenia fetida (Earthworm)" in National Seminar on "Recent Trends of Research in Medicinal Botany" during October, 4-5, 2019 held at Department of Botany, Ramjas College, University of Delhi.
- Ek Nayi Rah Foundation (ENRF) awarded Distinguished Scientist Award for outstanding contribution in the field of Animal Science on the occasion of International Conference on "Advances and Innovations in Agriculture & Allied

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Sciences (AIAAS-2020)" during Jan, 31-Feb 1, 2020 held at JNU Convention Centre, New Delhi, India.

- ▶ Presented a paper entitled on "In vitro mutagenicity study (Bacterial reverse mutation test) of extract prepared from leaves of *Eucalyptus globulus*" in International Conference on "Advances and Innovations in Agriculture & Allied Sciences (AIAAS-2020)" during Jan, 31-Feb 1, 2020 held at JNU Convention Centre, New Delhi, India.
- ▶ Presented a paper entitled on "A validated method for analysis of toxic heavy metal in food spices (Food & Agriculture Products) by ICP-MS" in International Conference on "Advances and Innovations in Agriculture & Allied Sciences (AIAAS-2020)" during Jan, 31-Feb 1, 2020 held at JNU Convention Centre, New Delhi, India.

### Dr. Gouri Mishra

- ▶ Received Best Teacher's Award by NCT, Government of Delhi for the year 2019.
- ▶ Resource person in the programme titled "Development of resource material to "**Jal Shakti Abhiyan**" for School Education, at Department of Education in Science and Mathematics, NCERT, New Delhi, July 2019.

**Resource person** in the programme titled "Development of scripts for the Modules of Training Package in Biology for Teachers teaching at higher Secondary Stage for dissemination in MOOC format, at Department of Education in Science and Mathematics National Institute of Education, New Delhi, November 2019.

- ▶ Participated as a Resource person in the "Workshop to prepare Metadata for Different Subjects for DIKSHA, at Central Institute of educational Technology, New Delhi, January 2020.
- ▶ Published research paper, titled "Computational prediction of interaction and pharmacokinetics profile study for polyamino-polycarboxylic ligands on binding with human serum albumin", Nidhi Chadha, Dushyant Singh, Marilyn D. Milton, Gauri Mishra, Joseph Daniel, Anil K. Mishra and Anjani K. Tiwari, New Journal of Chemistry, Royal Society of Chemistry, Issue &, 2020.
- ▶ Successfully convened a UGC-sponsored 10 day **Add-on course** titled "Facets of Research in Biology" February 2020.

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### **Dr. Manas Kumar Dhal**

Attended the DST-SERB Sponsored workshop on "Genotyping of whitefly species complex and its associated Endosymbionts" was held from 5th to 6th December, 2019 at Division of Entomology, ICAR-IARI, New Delhi.

### **Placement Cell**

The Placement Cell of our college has been very active throughout the academic session 2019-20. The committee endeavoured to organise various seminars and workshops for the students.

### **Enabling Unit**

Being a signatory to the United Nation Convention on the Rights of Persons with Disabilities, India acknowledges that all educational institutions of the country will be inclusive and would provide reasonable accommodation to persons with disabilities for providing quality education. Swami Shraddhanand College has displayed sensitivity towards this development and has taken sincere steps to create a disabled-friendly environment in the college. Hence, a computer lab was set up to enable disabled students and teachers inside the library premises equipped with modern and up-to-date software. In order to make the college accessible for the persons with disability, various initiatives were taken such as building of ramps on all parts of the new campus and construction of disabled-friendly toilets on all the three floors of the building. Apart from these initiatives, the students with visual disability have been provided laptops equipped with essential software, which would help them to read and store E-books and prepare notes. The college library in association with the Enabling Unit has also provided them the digital audio recorders (Angels) in order to facilitate them for recording of lectures in the classroom. Finally, the Enabling Unit is in the process of getting mathematics kits to the visually challenged students from the office of Equal Opportunity Cell, University of Delhi.

### **Proctorial Board**

The Proctorial Board under the convener-ship of Dr. S.B. Tyagi, Retd. Associate Professor in Chemistry did a remarkable job of enforcing discipline among students. He deserves a lot of appreciation for her dedication and integrity.

### **Examination Department**

The Examination Branch of the is the backbone of the college and work as nodal branch among Department In-charges, Administration and Students. It is mainly dealing with

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the preparation and publication of the schedule of examinations, conduct of examinations, to get the continuous assessment of the students at the examinations properly assessed. The exam portal - exam.du.ac.in reduce the complexities involved in the process of maintains the data and its uses at various levels. This provides student information like the student personal and academic details, class attendance, and student academic progress indicator like information online and on a 24X7 basis to its students and parents. This developed platform also help to teaching fraternity for accessing student attendance sheet or any data from anywhere and anytime. In addition to these, the branch also conducted Delhi University regular and SOL examinations. Besides examinations duties, branch also provides academic support to college administrative staff.

This newly developed system is a step toward complete automatic Examination Management system vision of Principal Dr PV Khatri and examination in-charge Dr Mukesh Rana. The staff members, A.O. - Dr DV Bharwaj, S.O. Admin - Mr Rahul Pathak, Ms. Vasudha, Mr Rajesh and other dealing assistants – Mr. Subash, Mr. Shekher, Mr Manoj, Mr Ashok and Mr Sachin help in this regards are also commendable.

The digitalization of old data is another major challenge of the branch and some task has been completed and Pankaj, Mr. Kapil, Mr. Pawan and Ms. Deepika work in this regards is remarkable.

### Scholarships and Awards

The college understands that: Scholarships provide students with an opportunity to source money for education. Educated students can become a part of the workforce and contribute to society. The funds for scholarships come from a variety of sources - Government Agency, Private, individual donors may make a large contribution to their alma mater to provide education for new students. This year college provides/approves:

1. PMSS : 9 + 3+ 1
2. NSP Scholarship: 46 Fresh 27 Renewal
3. E-district: Matric Scholarship: 35 & Post Matric : 41

Dr. Mukesh Rana and Dr Manish Kumar is Nodal officer and college Scholarship convenor respectively. The contributions of Mr Rahul, Ms Neha, Ms Vasudha is also remarkable.

Not only do scholarship recipients educate but they also learn the importance of philanthropy and giving back. Without such support, the road to a degree would likely have

been much

## **Cultural Committee Report 2019-2020**

Dr. Suraj Yadav (Convener)

Dr. Prabhakar Palaka (Co-convener)

Mr. Pankaj Lakhera

Dr. D.R. Jalwani (Co-opted)

Ms. Ruchika Gulati (Co-opted)

Ms. Akansha Singh (Co-opted)

### **Aaina- The Dramatic Society**

- Secured first position in a Street play competition organised by Bhagini Nivedita College, University of Delhi.
- Won first position at Zakir Hussain College, University of Delhi.
- Performed at Chandigarh Engineering College, Punjab University.
- Secured first position at BML Munjal University.
- Secured second position at Fortune Institute of International Buisness.
- Cleared prelims at IIT Delhi.
- Cleared prelims of MOOD INDIGO.
- Selected for the finals held in IIT Roorkee.
- Selected at IIT Ropar

### **RENAISSANCE: The Fine Arts and Creative Writing Society**

- Stood second in Annual Art Exhibition competition held at Sri Guru Gobind Singh College of Commerce.
- Stood first in Annual Art Exhibition competition organized by Zakir Husain College, University of Delhi.

### **Individual Participations/Achievements :**

#### **Shreya**

Stood second in Tabeer: Creative writing organized by Shaheed bhagat Singh College.

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University of Delhi  
IIT, BOMBAY

- › Mood Indigo - Mood-e-mehfil (Slam poetry), AIIMS
- › PULSE, Creative writing

### **Prerna kaushik**

- › AIIMS PULSE\*, Creative writing
- › Wing Word Poetry\*

### **Neha**

- › First prize in poetry competition organised by Women cell development. Swami Shradhanand college.
- › Geo fest . spring talk, Swami Shradhanand college.

### **Rajlakshmi:**

- › Stood second in dipsar online poetry writing competition.
- › Participated in following competition held at  
AIIMS  
IIT Delhi  
Daulat ram collage  
Delhi technological university  
Bharati college  
Swami shraddhanand college  
Bhagat singh college

### **DEV**

- › Participated in following competition held at  
AIIMS PULSE  
Creative writing competition  
Swami Shradhanand college,DU  
Women cell development or women empowerment competition,  
Poetry competition  
3rd position  
Ramjas college,DU  
Marvel's quiz competition

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Udaan utsav

Creative writing competition.

### **Ojasvita Singh**

Got second position in Poetry competition at Swami Shraddhanand College organised by WDC.

### **Adiba Tasneem**

Participated in various colleges with distinction

Ram Lal Anand College

Poster Designing (under Media Fest)

Achieved Trophy (1st Position)

Dyal Singh Evening College

Fifty Shades of Gray (Charcoal Sketch)

Achieved Certificate (2nd Position)

#### › **AIIMS**

Charcoal Sketch (under Pulse)

#### › **IIT Delhi**

Sketch a Spot

Charcoal Sketching

#### › **Gargi College**

Da Vinci (Charcoal Sketching) and Banksy (Poster Designing Competition)

#### › **Ram Lal Anand College**

Art Showcase

#### › **Sri Guru Gobind Singh College of Commerce**

Shades and Shadows (Charcoal Sketching)

### **Utkarsh Kunwar:-**

Best Out of Waste(Khatara Ka Pitara)-First Position

SGGSCC, DU

### **Pallavi Singh:-**

Gargi college



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Costume design competition

Special mention

› AIIMS

Rangoli making

› Sri Guru Gobind Singh College of Commerce

Kacchra Ka Pitara (best out of waste)

1st position

20 feb 2020

› Sri Guru Gobind Singh College of Commerce

live sketching

**Ayush Pratap Singh & Deepak singh:-**

› Shri guru govind singh college of commerce

best out of waste (Kacchra Ka Pitara)

second position

› Miranda house

poster making competition (under geography department)

**Shubham:-**

› AIIMS

Face painting

› IIT Bombay

Painting competition

› ABHISHEK:-

› Selected in International Art Exhibition Competition.

› Participated in Wall Graffiti Competition organised by Geography Department.

› Participated in Canvas Painting Competition organised by Shyama Prasad Mukherjee College.

**KHUSHBU:**

› Shivaji college-Poster making Third

## **ANNUAL REPORT 2019-20**

- › Kmc - poster making 1st
- › Coco channel-Gargi Special mention
- › Costume Drama: 1st position, Shaheed Rajguru College.
- › Zoology Charades: 1st position, Kirori Mal College.

### **Rivayat: The Folk Dance Society**

- › Participated at MOOD INDIGO
- › Participated at Ramjas college
- › Got selected at DIAS
- › Second position at Solo Dance Competition
- › Performed at Shaheed Bhagat Singh
- › Cleared prelims of J.M.C
- › Performed at N.I.T Kurukshetra

### **Majestic Drivers: The Fashion Society**

- › Best male model title at RAZZMATAAZ, Rukmini devi college
- › 3rd position at SPM
- › Performed at Motilal Nehru college and NIT
- › Secured 3rd position at OP JINDAL UNIVERSITY
- › Got selected at shaheed rajguru college of business studies
- › Performed at bhagwan parshuram institute of technology
- › 1st position at pgdav

### **Metanoia: The Western Dance Society**

- › 2nd position at Christ University (western group dance competition)
- › Prelims Selection and Performed at Mood Indigo, IIT BOMBAY
- › Metanoia is now part of Delhi Dance Fever (Delhi's biggest dance championship).
- › Second position at Shiv Nadar University (solo western dance competition)

Prabhanshu

- › Performed in finals of IGDTU, DTU, AMBEDKAR University, Bhaskarcharya College of Applied Sciences. (Solo Western Dance Competition)

Lensation :- The Photography & Film Making Society

- › Bhaskaracharya College Of Applied Sciences: - 1St Position
- › Shyam Lal College: - 1St Position
- › Swami Shraddanand College: - 1St Position

**Swaransh: The Music Society**

**Kithara (Acapella):**

- › Stood 1 st at IIT Roorkee.
- › Stood 1 st at NIT Delhi.
- › Selected at IIT Bombay.

**Classical Choir**

- › Stood 1 st at Ramanujan College.
- › Stood 1 st at NDIM.
- › Selected at IIT Roorkee.

**The Unprepared Projekt (Band)**

- › Stood 1 st at FIIB Delhi.
- › Stood 1 st at Rukmini Devi College.
- › Stood 2 nd at NIT Delhi.
- › Selected at IIT Roorkee. Bombay.

**Ghalibars (Rap Group)**

- › Ritvik and Sachin bagged 1 st and 3 rd position at IIT Roorkee.
- › Sachin bagged 1 st position at IIT
- › Ritvik bagged 2 nd position at Maitreyi College.

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### Pravaad - The Debating Society

- Somya Yadav got second position in conventional debate organised by Delhi Institute of Advanced Studies
- Somya Yadav got second position in Whirl and Hurl (gd and extempore) organised by Manav Rachna University
- Somya Yadav got second position in inter college duo debating competition , parley organised by Manav Rachna University
- Somya Yadav stood 3rd in the slam poetry event organized by the Women Development Cell, Swami Shraddhanand College.
- Somya Yadav stood second in the Round Table Conference organized by Maharaj Surajmal Institute of Technology during their Annual Technical Fest, Avensis.
- Umar Chaudhary won second prize in conventional debate organized by Janki Devi Memorial College
- Niharika Phogaat stood second in conventional debate organised by Manav Rachna University
- Niharika Phogaat secured second position in words worth conventional debate organised by Delhi Institute of Advanced Studies
- Niharika Phogaat secured second position in the Rebuttals organized by Satyawati College Evening.
- Faizal Khan secured first position in conventional debate organised by Janki Devi Memorial College.
- Faizal Khan got third position in a multi-level debate organised by PGDAV college .
- Umang Kumar secured the position of best interjector in conventional debate organised by Kirori Mal college
- Jasmine Sheikh stood first in a conventional debate organised by thr Janki Devi Memorial College
- Nikhil Anand stood third in the multi-level debate organised by the PGDAV College.
- Bhawani Prasad Kabra got a Special mention in Debate Competition held during Epiphany, Gargi College.
- Bhawani Prasad Kabra got 3rd Prize in Conventional Debate at Inceptum 2019, GB Pant Govt. Engineering College.

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- Bhawani Prasad Kabra attained 3rd Position in Inter College Debate Competition organised by History Department, Vivekanand College.
- Bhawani Prasad Kabra got the prize of Best Interjector at Annual Debating Competition organised by Aryabhata College.
- Bhawani Prasad Kabra stood first in the Turncoat Debate organized by the Acharya Narendra Dev College during their Annual Fest.
- Bhawani Prasad Kabra won the Best Interjector Prize, at the Deshbandu Memorial Debate, Deshbandhu College
- Suraj stood first in a conventional debate organised by Shyama Prasad Mukharjee \_\_\_ College.
- Suraj attained first position in a debate competition organised by the NSS, Swami Shraddhanand College
- Suraj got the third prize in a speech competition organized by NCC, Swami Shraddhanand College
- Suraj won the second prize in the conventional debate organized by the Computer Science Department, Rajdhani College
- Suraj won the second prize in the Turncoat Debate organized by the Chemistry Society, Swami Shraddhanand College
- Suraj won the Daulat Ram Memorial Debate organized by the Daulat Ram College
- Muskan Singh won the first prize in the Creative Writing competition organized by St. Stephen's College
- Rincha Thakur stood first in the Slogan Writing Competition organized by the NSs, Swami Shraddhanand College during the Swacchata Pakhwada
- Hari Nandan won the third prize in the 'Nature Knowledge' Quiz organised by the PGDAV College
- Hari Nandan won the third prize in the debate organized by the Lakshay Society of Maharaja Agrasen College
- Shubham Gouda won the second prize in the Extempore competition organized by the Geography Department, Kalindi College
- Shubham Gouda won the first prize in slam poetry event organized by Bharti College
- Dhruv Sah got third prize in a conventional debate organised by the History Department of Vivekanand College.

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- Dhruv Sah got the second prize at the turncoat competition organised by AIIMS during their Annual Cultural Fest Pulse 2019.
- Dhruv Sah stood second in a conventional debate competition organised by the NSS, Shivaji College.
- Dhruv Sah won the first prize in the Just A Minute competition organized by the Chemistry Society of Daulat Ram College on the occasion of their Annual Fest Quanta.
- Dhruv Sah won the Turncoat competition organised by the B.El.Ed Department of Gargi College.
- Dhruv Sah won the first prize at the Press Quest Event organized by the Economics department of the St. Xavier's College, Jaipur during their Annual Economics Fest, Synergy
- Dhruv Sah won the 2nd prize at a conventional debate organized by the Indian Youth Congress at Narela
- Dhruv Sah won the Best Speaker prize at the conventional debate organized by the Economics department of Kirori Mal College, during their Annual Economics Fest, Bhavyarth
- Dhruv Sah stood 2nd in the conventional debate organized by Janki Devi Memorial College during their Annual Cultural Fest, Symphony
- Dhruv Sah got the third prize in the Turncoat Debate event organized by Skeptics - The Philosophy Society of Daulat Ram College during their Annual Fest, Darshan
- Dhruv Sah stood second in the Open Mic event organized by Skeptics - The Philosophy Society of Daulat Ram College during the Annual Fest, Darshan
- Dhruv Sah stood first in the slam poetry event organized by the Political Science Department of Daulat Ram College during their Annual Political Science Fest.
- Dhruv Sah won the first prize at the conventionL debate organized by the Commerce Department, Shivaji College
- Dhruv Sah stood second in the Mock Stock Event organized by the Commerce Department, Shivaji College
- Dhruv Sah won the first prize in the Turncoat Debate organized by the Sociology Department, Maitreyi College
- Dhruv Sah won the third prize in Zaahir - the Turncoat Debate organized by the

## ANNUAL REPORT 2019-20

### Daulat Ram College

- Dhruv Sah attained second position in the debate organized by the Political Science department, Zakir Hussain Delhi College
- Dhruv Sah stood second in the Turncoat Debate organized by the Computer Science Department, Shyama Prasad Mukharjee College
- Dhruv Sah won the first prize in the debate organized by Bhagini Nivedita College
- Niharika Phogaat won the 2nd Prize at the debate organised by Kalindi College.
- Umang won the prize for Best Team at the conventional debate organised by Motilal Nehru College.

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- ▶ Vigilance Awareness Week: Integrity - a way of life in association with ABI from 28 Oct to 2 Nov 2019.
- ▶ Justice, liberty, equality, fraternity Awareness campaign on 26 Jan 2020.
- ▶ YOGA Celebration - 18-21 June 2019
- ▶ Constitution Day celebration on 26.11.2019
- ▶ Rashtriya Ekta Diwas Celebration on 31 Oct 2019.
- ▶ Communal Harmony Awareness campaign on 23 October 2019.
- ▶ Plastic Water Free Campaign - 11 September - 27 October 2019.
- ▶ SWACHHTA PAKHWADW on 2 Dec.2019.
- ▶ NCC day celebration
- ▶ Celebration of 150 Gandhi G Birthday: A message of on 2 Oct 2019

The NCC unit of Swami Shraddhanand College is also going to organize 3rd NCC Fest "JAZBAA" & 4th "Workshop on Defence officers preparation skill" in April 2020 by well-known Defense Experts. This will motivate and train our Undergraduate students, NCC cadets & NSS volunteers, for Nationalism & Patriotism.

### Sports

Sports persons of Swami Shraddhanand College have consistently been performing well since the inception of the College, in the disciplines of Baseball, Cricket, Kabaddi and Wrestling teams have done extremely well.

### Cricket

- ▶ Saurabh Dagar, B.A. (P) I year represented India U-19 cricket India.
- ▶ Priyansh Arya B.A. (P) I yr. representing India U-19.
- ▶ Anuj Rawat, B.A. (P) II year playing IPL from Rajasthan Royals.
- ▶ Lalit Yadav B.A. (P) III yr. playing IPL from Delhi Capital.
- ▶ College Cricket Team became inter college champion, consecutively for \_ the Seven time and this a record in the history of Delhi University. Subham Dahiya, Sanchit Sabbrawal, Arjun Rapraia, Dhruv Kaushik, Aman Sehrawat, Jatin sani, Shivam Gupta and Bharat Sindhwani of our cricket players has contributed immensely.
- ▶ Our College won Dweepinder Bhola Memorial Inter College Cricket Tournament.



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- Eight Boys (Subham Dahiya, Sanchit Sabbrawal, Arjun Rapraia, Dhruv Kaushik, Aman Sehrawat, Jatin sani, Shivam Gupta and Bharat Sindhwani were selected for Delhi University Cricket Team for North Zone Inter University Cricket Championship held at AMU, UP. The Team came II in North Zone Inter University Championship and Team got IIIrd position in All India Inter University Raington Bharya Trophy.
- College cricket Team was awarded winner Trophy in seventh Sahibzada Zorawar Singh and Sahibzada Fateh Singh T-20Cricket Tournament. Sanchit, Parvesh Dahiya and Bharat Sindhwani played incredible.
- Himanshu Rana, Jitesh Saroha and Shivam Chauhan selected for Haryana Ranji Trophy.
- Anuj Rawat, Priyansh Arya and Rohan Rathi selected for Delhi Ranji Trophy.
- Ramesh Prasad selected for Kolkata Ranji Trophy.
- Sumit Mathur, Mayank Rawat, Lakshay Theraja, Shivam Gupta, Dhruv Kaushik, Nikhil kumar, Bharat Sindhwani, and Priyansh Arya selected for Delhi U-23.
- Parth Goswami selected for MP U-23.
- Harman Singh selected for Uttarakhand U-23.
- Nikhil kumar selected for Nagaland U-23.
- Sagar Khatri selected for Haryana U-19 cricket.
- Anmol Sharma was selected as a Captain U-19 DDCA.
- Nikhil Tanwar selected for M.P. U-19.
- Saurabh Dagar, Gulzar Singh Sandhu and anish Gautam selected for Delhi U-19 Cricket.

### **Wrestling**

Swami Shraddhanand College wrestling team secured 3rd Position in Inter College Free Style Wrestling Competition. The winners are

- **Pappu, M.A.(P)**II year won the Silver Medal in 61kg.weight category.
- **Nisha B.A. (P)** I year won the Gold Medal in 55 kg. weight Category, Pappu and Nisha also represented Delhi University Team the All India Inter University Wrestling Championship held at M.D. University (Rohtak).

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### **Kabaddi**

Our Team won the Gold Medal in Inter College Kabaddi Tournament. Four of our players ( Raman, Aniket, Deepak and Karan Chhillar) were selected for Delhi University Kabaddi Team for North Zone Inter University Kabaddi Championship held at M.D. University Rohtak.

### **Athletics**

- ▶ In the Inter College Athletic Championship Pushp Tomer won the Gold Medal in Discuss.
- ▶ In the Inter College Athletic Championship Nikunj won the Gold Medal in Javline Throw.

Our College has been participating in the various games like Football, Baseball, Basketball, Chess, Badminton, Judo, Volleyball and Taekwondo. The College has suffered a major setback owing to the sudden decision of the Delhi University Sports Council to remove 12 games like Softball, Ball badminton, Greeko Roman, Wrestling and Cross Country etc. our Teams have been consistently performing well in these games. The inadvertent decision of the Sports Council has left us with only few games to represent

Sports Committee Dr. Joginder Singh, Dr. Tek chand, Dr. Ushivinder kaur and Dr. Surender Kumar. We are thankful to the members of Sports Committee for their unstinting support because of which these achievements have been possible.

### **ANO - Lt.Cdr. IM Dutta**

- ▶ All India Ship Attachment Camp: Scc Akash Kumar Participated.
- ▶ All India Yatching Regatta: Cc Hreetik Soni Participater.
- ▶ Swimming Camp: 10 Cadets Participated,( Cc Hreetik Soni, Po Suraj, Lcd Ajit, Cdt Rohit Clear 100Mts Swimming Test), Po Suraj Secured 3Rd Position In 100Mtrs Swimming Race.
- ▶ All India Nau Sainik Camp: Cc Hreetik Soni Participated; Cc Hreetik Soni Secured 2Nd Position In Boatpulling, Secured Highest Individual Score In Semaphore, Got Awarded By Co For Breaking 3 Oars While Boat Pulling.
- ▶ Narmada Trek: 3 Cadets Participated; Lcd Ajit And Cdt Gaurav Helped Delhi To Secure First Position In Tug Of War, Lcd Ajit Gave Gaurd Of Honour At The Camp, Cdt Gaurav Recieved Best Character Certificate By Co.

## ANNUAL REPORT 2019-20

- › Kolapur Trek: 2 Cadets Participated.
- › Up Trek: Po Suraj Participated, Secured 2Nd Position I N Rellay Race.
- › Catc: Ssn College Secured 1St Position In Tug Of War, Ssn College Secured 1St Position In Volleyball, Ssn College Secured 2Nd Position In Rellay Race, Cc Hreetik Soni Secured 1st Position In Extempore, Cc Hreetik Soni Secured 2Nd Position In Semaphore, Cdt Jaspreet Kaur Secured First Position In Solo Dance.
- › Pm Rally: Lcd Ajit Participated In Para Slithering, Cdt Gaurav Participated In Tablo.

Today the NCC has an enrolled strength of more than 13 Lakhs cadets and it basically comprises of two divisions of all the three Services. The NCC has come a long way and as an organization it has assumed a very important place in the country in grooming the youths to be a leader of tomorrow. Living upto its motto i.e. 'Unity and Discipline ' it strives in its endeavour to meet all its objectives by bringing together the vibrant youths of the entire country. Our College has been admitted 90 cadets for Army Boys Division of Swami Shraddhanand College under Supervision of our ANO Lt.(Dr.) Mukesh Rana. Our Unit has been the propeller in channelising the energy of this youth towards Nation Building and make them a responsible Citizen of this country with these clear cut Aims.

The aims of NCC are mainly to develop Character, Comradeship, Discipline, Secular Outlook, Spirit of Adventure, Sportsmanship, Ideals of selfless service among the youth of the country. It also create a human resource of Organised, Trained and Motivated youth, to provide leadership in all walks of life and always be available for the service of the nation. Most importantly it provide a suitable environment to motivate the youth to take up a career in the Armed Forces.

NCC's training included both institutonal training, adventure training, youth activities and social services as well as militiray training such as basic drill and weapon training . Our college has created infrastructure such as Obstacle Course for its cadets to undergo such training and enable them to blossom in the true sense towards the all-around development of their personality. NCC is an excellent organisation which propagates and maintains National Integration is all aspects of training the youth through National Integration Camps, Adventure Camps and the RDC.

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### Placement Cell

Placement cell organized various workshops, seminars scholarship awareness programmes and recruitment drives in our college during the tenure. The details are given below

- ▶ Placement Cell, Swami Shraddhanand College in collaboration with Taipei Economic and Cultural Center (TECC), organized a seminar on Education and Scholarship Opportunities in Taiwan. The presentations were made by Mr. Peters L.Y. Chen, Director, Education Division, TECC and Ms Smita, Alumni, Taiwan Scholarship Recipient (NSYSU) on 27th September, 2019
- ▶ Seminar and awareness drive by ABC web designing, fashion designing, data handling etc on 7th November, 2019.
- ▶ Placement Drive was conducted by JIO Campus drive held on 17th January 2020 in which 733 students got themselves registered, 144 cleared the test and 53 were selected for recruitment.
- ▶ Workshop on “Career prospects in GIS for Graduation Students” by Swastik Edustart Geospatial Training Institute, Vikaspuri, New Delhi held on 3rd February, 2020

### Works in pipeline

- **CALYXPOD** – Digital placement (Software Company) which incorporates Following components

- ▶ Build Knowledge Base Real Time. Private and Public Groups.
- ▶ All Students, Faculty Members, and Alumni in Active Valuable Conversations.
- ▶ Involve Companies, Experts, other Colleges as Required.
- ▶ Various Automated Knowledge Plugins - Project Experiences, Project Learning, Interview
- ▶ Experiences, Job / Entrepreneurship Experiences, Feedbacks from Companies, etc  
The process of framing the guidelines for Memorandum of Understanding (MOU) with college and company. This will provide greater opportunities and avenues to our students.

-**SEEKRUIT**- Digital Employment Exchange company

The process of framing the guidelines for Memorandum of Understanding (MOU) with college and company. This will provide greater opportunities and avenues to our students.

Some glimpses of various events of Placement Cell



Placement Cell, Swami Shraddhanand College  
Dr Ushvinder Kaur (Department of Geography) Convener  
Dr Mukesh Rana (Department of Physics) Member  
Dr Seema Bansal ( Department of Mathematics ) Member  
Dr Ranjan (Department of History) Member

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### 5 Delhi Girls Battallion

**ANO: Lt.Sushila Thakran**

**Aim:** Our NCC unit aims at promoting the best of human values, discipline and spirit of unity and national integration among girls. The activities of the NCC unit covers a wide variety of excellent opportunity for self development.

Our NCC girls unit was started in 2000, now it has 164 girl cadets. NCC's training includes both institutional and adventure training such as - drill, signals, weapon, cultural, medical and obstacle training. Our college has made the obstacle for the cadets development.

In year 2019-2020, Priyanka has been appointed as the senior under officer. Anjali Tripathi, Yamini and Komal have been appointed as the junior under officers.

Our cadets have participated in various camps such as - AIGTE-Himachal Trekking, ALC, EBSB - Delhi, EBSB-Ajmer, EBSB-Darjeling, TSC, PM Rally, Para-slithering etc. The details as follows:

- AIGTE-Himachal Trekking : 07-15 june 2019 Shimla GP, JUO Anjali Tripathi selected as 5DGBn senior and Cdt Divyanshi Singh.
- Annual Training Camp and Yoga Day: 19-28 june 2019, Delhi Cantt,( IInd Prize in group dance)
- TSC: 1st cadre 11-20 july 2019, NCC Bhawan-Rohini, Delhi JUO Komal and 3 other cadets.
- CATC: 26 july- 02 August 2019, safdarjung-New Delhi , 4 Cadets.
- CATC: 01-12 August 2019, NCC Bhawan - Rohini, New Delhi, 3 Cadets.
- TSC: 2nd cadre 01-12 August 2019, NCC Bhawan - Rohini, New Delhi cadet Radharani.
- ALC- Malout : 7-18 sept 2019, Punjab, SUO Priyanka selected as 5DGBn senior and IInd position in group dance.
- EBSB-Delhi:11-20 nov 2019 NCC Bhawan - Rohini, New Delhi, LCPL- Manisha and 7 other.
- EBSB-Ajmer: 15-23 nov 2019, SGT Karishma.
- EBSB- Darjeeling:11-20 nov 2019 , SGT Jyoti Singh and cadet Kajal.
- PM Rally (culture): 17-29 jan 2020, DG NCC, Delhi Juo Komal, sgt Jyoti Singh, cpl Pooja Sinha, lcpl Priya Saini and cadet Princy.
- PM Rally (Slithering): 17-29 jan 2020, DG NCC, Delhi cadet Khushboo.

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- Our NCC unit was also involved in many activities and social works. Some of them are as follows :
- Yoga Day 18 June 2019.
- Swachha Bharat Abhiyan, 8 July 2019.
- 15 August - flag hosting , Independence Day
- Debate competition on “ Safety of Women in India” on 23 Jan 2020
- 24 January 2020 - Flag hosting , Republic Day.

### Library Services

The college library is having a huge collection of books on interdisciplinary subjects like Chemistry, Biochemistry, Physics, Economics, Mathematics, Political science, History, Botany, Microbiology, Business Studies. The library is focused to support the educational and research programmes of the College by providing physical and intellectual access to information. In accordance with the objectives of the University, the library aims to develop a comprehensive collection of documents, useful for the readers. There are about 110000 books in the library at present and about 3,000 books are added every year.

### Library Collection

Library also has a good collection in the areas of Humanities and Social Science(s). A separate library on Commerce and other interdisciplinary subjects also is housed in the old campus of the college. • General Collection • Reference Books • Progress Reports (PR) • Technical Reports (TR) • Theses (TH) Text Books (TB) • Book Bank (BB) • S.A.F. Books IT and Computer Section.

The Library subscribes more than 70 national and international journals and periodicals and 31 newspapers, which provide the latest information on current events and affairs. The Library has a rich collection of books on Science and Technology including chemistry, mathematics, physics, chemical engineering, computer science, electrical and electronics engineering, biochemical and biomedical engineering, economics, business studies, etc.

### Services

- The library has spacious reading room,
- Inter Library Loan
- Reference & Referral

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- ▶ User guidance
- ▶ Bibliographies/Indexes
- ▶ Online Public Access Catalogue (OPAC) (processing)
- ▶ E-Resources (in computer lab)

More than 400 students have visited per day for different services in this session. Library also provides the special instruments and assistive tools for visually challenged students. In this session 4 such students are received these specific instruments. The library is connected to the N-LIST programme of the MHRD through which the faculty and students can access more than 500 E-journals and 1 lakh E-books. Library is focused to ensure the satisfaction of the users with its quality services provided by library. The library staff also make support to maintain and enhance the quality of library services. Focusing on the quality of library services and work efficiency, library staff make their enrolment to acquire training from DULS time to time.

### **Latest Activities**

- A separate reading room with much needed space has been provided for teachers to work.
- Provides a separate well maintained cabin for VH students and members of the college.
- Provides Internet browsing facility.

### **Computerization Of Library**

The automation work in the library is under process and it is expected that the automation work will be completed with-in a time bound schedule.

### **Achievements Of Administrative Staff**

In the Academic session 2019-20, we have been able to achieve all-round improvement in the functioning of the administration and accounts section of the college. For implementing these reforms, credit for this goes to Dr. Dharam Veer Bhardwaj, Administrative Officer (Oftg.), Mr. S.K.Dahiya, Section Officer (Accounts), Mr. Rahul Pathal, S.O. (Admn.) and other Staff (Administration & Accounts) Section. We have been able to introduce overall computerization of the college functioning both in the administration and the accounts departments.

### **Infrastructural Achievements**

I have the pleasure to say that the dignitaries on the dias have made a positive and meaningful contribution to the growth of the college. I am confident that we will continue to



## **ANNUAL REPORT 2019-20**

have privilege of their extended whole-hearted support to the college in the future too. Our endeavour has been to beautify the campus. I may mention here that both campuses of the college have seen better infrastructural facilities and improved academic air, which is always conducive to learning environment. I assure you, Sir, that we will continue our efforts in this direction.

### **New Initiatives**

The college has a number of developmental activities lined up for implementation. First and foremost, we have taken initiatives for the construction of the new academic block with 48 class-rooms and 16 Science Labs in the new campus. All efforts are being made to get statutory clearances from various authorities like MCD, Urban Art Commission, Fire Department, etc. To make it more user-friendly, steps are being taken to cover the open-air stage within two months. Further repairs/renovations of the existing campus will be completed within two months.

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## MERIT

## LIST

2019-19

S. No.	Name	Course	Marks Obtained (CGPA)	Position
1	Vishal (4269)	B.sc(p) Physical Sci I yr	8.55	I
2	Bharti Sharma	B.sc(p) Physical Sci I yr	8.5	II
3	Nishant (4008)	B.sc(p) Physical Sci II yr	9.18	I
4	Meenakshi (4048)	B.sc(p) Physical Sci II yr	8.91	II
5	Vaibhav Kant (4208)	B.sc(p) Physical Sci II yr	8.91	II
6	Sagar	B.sc(p) Physical Sci III yr	8.182	I
7	Manisha Maurya	B.sc(p) Physical Sci III yr	8.136	II
8	Mahima (3608)	B.sc(p) Life Sci I yr	9	I
9	Abhishek (3826)	B.sc(p) Life Sci I yr	8.5	II
10	Deepika Rawat (3675)	B.sc(p) Life Sci II yr	9.14	I
11	Rupal Gupta (3826)	B.sc(p) Life Sci II yr	8.82	II
12	Sonika	B.sc(p) Life Sci III yr	9.015	I
13	Shital	B.sc(p) Life Sci III yr	8.818	II
14	Garima Agrawal (5205)	B.sc(p) ALS I yr	9.14	I
15	Vineeta (5244)	B.sc(p) ALS I yr	9.05	II
16	Sakshi Payal (5244)	B.sc(p) ALS II yr	9.64	I
17	Nikita Chauhan (5259)	B.sc(p) ALS II yr	9.14	II
18	Rahul Nagpal	B.sc(p) ALS III yr	9.53	I
19	Mansi Chouhan	B.sc. (P) ALS III yr	9.061	II
20	Renuka (4410)	B.sc. (H) Botany I yr	8.59	I
21	Rajeev Kumar Yadav (4409)	B.sc. (H) Botany I yr	8.41	II
22	Samiksha Gupta (4450)	B.sc. (H) Botany II yr	7.23	I
23	Ayushi Jain (4462)	B.sc. (H) Botany II yr	9.64	II
24	Anjali Rajhans	B.sc. (H) Botany III yr	9.39	I
25	Varsha Shukla	B.sc. (H) Botany III yr	9.486	II
26	Bharmjeet (4628)	B.sc. (H) Microbio. I yr	8.45	I
27	Parul Kakkar (4611)	B.sc. (H) Microbio. I yr	8.14	II
28	Ankita singh (4637)	B.sc. (H) Microbio. II yr	9.04	I
29	Neelima Byahut (4611)	B.sc. (H) Microbio. II yr	8.54	II
30	Shivam Aggarwal	B.sc. (H) Microbio. III yr	9.216	I
31	Nupur Tyagi	B.sc. (H) Microbio. III yr	9.162	II

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S. No.	Name	Course	Marks Obtained (CGPA)	Position
32	Gaurav Kumar (4851)	B.sc. (H) Physics I yr	8.82	I
33	Ravi Singh (4809)	B.sc. (H) Physics I yr	8.82	I
34	Vivek (4827)	B.sc. (H) Physics I yr	8.73	II
35	Chitrankush Gupta (4843)	B.sc. (H) Physics II yr	9.5	I
36	Muskan Singh (4844)	B.sc. (H) Physics II yr	9.29	II
37	Nancy (4850)	B.sc. (H) Physics II yr	9.29	II
38	Kuldeep Jha	B.sc. (H) Physics III yr	8.689	I
39	Nilesh Kumar Gupta	B.sc. (H) Physics III yr	8.568	II
40	Sidhant (5009)	B.sc. (H) Zoology I yr	9.05	I
41	Nancy Malhotra (5023)	B.sc. (H) Zoology I yr	8.77	II
42	Anjali Rani (5017)	B.sc. (H) Zoology II yr	9.0	I
43	Anuja (5051)	B.sc. (H) Zoology II yr	8.96	II
44	Sana khan	B.sc. (H) Zoology III yr	8.959	I
45	Guriya Kumari	B.sc. (H) Zoology III yr	8.554	II
46	Pallavi Kumari (5635)	B.sc. (H) Chemis. I yr	9.18	I
47	Dipesh Gupta (5614)	B.sc. (H) Chemis. I yr	8.82	II
48	Kajal (5606)	B.sc. (H) Chemis. II yr	8.93	I
49	Md. Shahuaz Khan (5620)	B.sc. (H) Chemis. II yr	8.57	II
50	Mohit Kumar	B.sc. (H) Chemis. III yr	9.541	I
51	Anshul	B.sc. (H) Chemis. III yr	8.5	II
52	Himanshi Maggu (1008)	B.sc. (H) Eng. I yr	7.45	I
53	S.Priyanka (1007)	B.sc. (H) Eng. I yr	7.41	II
54	Amisha Rajput (1046)	B.sc. (H) Eng. I yr	7.41	II
55	Shagun (1064)	B.sc. (H) Eng. I yr	7.41	II
56	Prachi (1073)	B.sc. (H) Eng. I yr	7.41	II
57	Shivani (1030)	B.sc. (H) Eng. II yr	7.04	I
58	Himanshi Rana (1015)	B.sc. (H) Eng. II yr	7.89	II
59	Munazza Fatima	B.sc. (H) Eng. III yr	7.486	I
60	Ekta Chauhan	B.sc. (H) Eng. III yr	7.446	II
61	Nikhil (1601)	B.sc. (H) History I yr	7.05	I
62	Chandan Kr. Yadav(1703)	B.sc. (H) History I yr	6.86	II
63	Ashish Yadav (1665)	B.sc. (H) History II yr	8.11	I
64	Abhishek Vardhan	B.sc. (H) History II yr	7.46	II

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<b>S. No.</b>	<b>Name</b>	<b>Course</b>	<b>Marks Obtained (CGPA)</b>	<b>Position</b>
65	Rohit Bhargava	B.A. (H) History III yr	7.838	I
66	Siddharth Singh	B.A. (H) History III yr	7.676	II
67	Anjali (1406)	B.A. (H) Hindi I yr	7.32	I
68	Abhishek Kumar (1447)	B.A. (H) Hindi I yr	7.09	II
69	Kirti1 (407)	B.A. (H) Hindi II yr	8.43	I
70	Deepika (1401)	B.A. (H) Hindi II yr	7.96	II
71	Shivani Garg	B.A. (H) Hindi III yr	7.662	I
72	Deepti	B.A. (H) Hindi III yr	7.608	II
73	Yogeshwar (1280)	B.A. (H) Geog. I yr	8.68	I
74	Ravina (1241)	B.A. (H) Geog. I yr	8.41	II
75	Shazia Gaffar (1250)	B.A. (H) Geog. II yr	8.93	I
76	Kavya Jha (1233)	B.A. (H) Geog. II yr	8.86	II
77	Akanchha Vaishali	B.A. (H) Geog. III yr	8.27	I
78	Dheeraj Anand	B.A. (H) Geog. III yr	8.041	II
79	Ronak Panchal (3231)	B.Com. (H) I yr	8.23	I
80	Parth Manocha (3266)	B.Com. (H) I yr	8.23	I
81	Keshav Thakur (3252)	B.Com. (H) I yr	8.18	II
82	Aanchal Bansal (3250)	B.Com. (H) II yr	8.50	I
83	Alka Chauhan (3228)	B.Com. (H) II yr	8.50	I
84	Shruti (3242)	B.Com. (H) II yr	8.25	II
85	Richa (3261)	B.Com. (H) III yr	8.284	I
86	Abhishek (3414)	B.Com. (H) III yr	8.284	I
87	Kumud Khanna (3262)	B.Com. (H) III yr	8.216	II
88	Radhika (870)	B.A. (P) I yr	8.14	I
89	Neha (205)	B.A. (P) I yr	7.73	II
90	Aman (406)	B.A. (P) I yr	7.73	II
91	Shruti (817)	B.A. (P) II yr	8.45	I
92	Anjali Tripathi (885)	B.A. (P) II yr	8.27	II
93	Deepti Sharma (605)	B.A. (P) III yr	8.045	I
94	Rashmi (13)	B.A. (P) III yr	7.576	II
95	Hemlata (2117)	B.Com. (P) I yr	8.05	I
95	Abhinandan Verma (2846)	B.Com. (P) I yr	7.86	II

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<b>S. No.</b>	<b>Name</b>	<b>Course</b>	<b>Marks Obtained (CGPA)</b>	<b>Position</b>
96	Anuradha Kumari (1862)	B.Com. (P) II yr	8.36	I
97	Sumit Rana (2225)	B.Com. (P) II yr	8.23	II
100	Ritika Sharma (2837)	B.Com. (P) III yr	8.273	I
101	Rajveer Singh (2225)	B.Com. (P) III yr	8.091	II

