

Dr Hem Chand Jain

Officiating *Principal*

Annual Report Committee

Dr Jayini Adhyapak, Convener

Ms Deepa Kamra, Co-Convener

Dr Meghna Aggarwal

Ms Manisha Choudhary

AWARDS AND HONOURS TO THE COLLEGE**ACHIEVEMENTS OF THE STUDENTS****ACADEMIC ACHIEVEMENTS****SPORTS ACHIEVEMENTS**

In Inter-College Tournaments 13 College Teams in men and women sections participated in 10 Sports, list is as follows:

S.No.	Sport	Section
1.	Weightlifting	Men
2.	Badminton	Men
3.	Basketball	Men & Women
4.	Taekwondo	Women
5.	Athletics	Men & Women
6.	Baseball	Men
7.	Football	Men
8.	Cricket	Men
9.	Table-Tennis	Men
10.	Archery	Men & Women

The college has secured first Position in Inter-College Baseball (Men)Tournament.

The sports committee organized the Inter-class Tournaments for Tennis Ball Cricket and Seven-a-Side Football.

List of the students who has participated in Inter College Tournaments:

BASEBALL (M)

S.No.	Name	Roll No.	Course
1.	Vishal	19ENG0539	B.A.(H) ENGLISH
2.	Nilesh Singh	19BAP9123	B.A.(P)
3.	Rajat	17HCS4161	B.Sc.(H) Comp. Sci.
4.	Himanshu Mishra	19COM8113	B.COM. (H)
5.	Lucky Masiwal	19BAP9115	B.A.(P)
6.	Prashant Yadav	19BAP9021	B.A.(P)
7.	Manish Kumar	18HPH3034	B.Sc. (H) Phy. Sci.
8.	Nishant Prasad	17LFS7523	B.Sc. (Life sci.)

9.	Pankaj Sharma	18BAP9505	B.A.(P)
10.	Yogesh Kumar	18MTS5937	B.Sc. (Mathematical Science)
11.	Nirbhay Singh Gill	18BAP9449	B.A.(P)
12. a	Akshay	19BAP9250	B.A.(P)
13.	Ankit Kumar	17HPH2721	B.Sc. (H) Phy. Sci.
14.	Pankaj Singh	18HCS4528	B.Sc.(H) Comp. Sci.
15.	Vibhu Mudgal	17LFS7539	B.Sc. (Life sci.)
16.	Bandi Nenkata Bhaskar Reddy	19BAP9007	B.A. (P)

CRICKET (M)

S.NO.	NAME	ROLL NO.	COURSE
1.	Maulik Thapar	17BMS0125	BMS
2.	Rajat	17HCS4161	B.Sc.(H) Comp. Sci.
3.	Nitin	19COM8239	B.COM. (H)
4.	Hritik	18BAP9428	B.A.(P)
5.	Nishant	17LFS7523	B.Sc. (Life sci.)
6.	Nilesh	19BAP9123	B.A.(P)
7.	Kameshwar	19PHS6015	B.Sc. Physical Science
8.	Ankit	19PSC5040	B.Sc. PSCS
9.	Vibhor	19HMT3080	B.Sc. (H)
10.	Manish	18HPH3034	B.Sc. (H) Phy. Sci.
11.	Nirbhay	18BAP9449	B.A.(P)
12.	Harsh	19HEL2055	BSc. (H) Electronics
13.	Yogesh	18MTS5937	B.Sc. (Mathematical science)
14.	Sachin	17BMS0148	BMS
15.	Himanshu	18COM1058	B.COM. (H)

FOOTBALL (M)

S.NO.	NAME	ROLL NO.	COURSE
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1.	Karan Arora	16COM2402	B.COM. (H)
2.	Prashant Nauhwar	19HEL2035	B.Sc. (H) Electronics
3.	Vikas	17PCS5138	B.Sc. PSCS
4.	Gaurav Rauthan	17HEL2114	B.Sc. (H) Electronics
5.	Yogesh Dahiya	17BAP8911	B.A. (P)
6.	Udit Chauhan	19PHS6029	B.Sc. Physical Science
7.	Atul Kumar	18HBT6806	B.Sc.(H)Botany
8.	Jyotiraj Brahma	18HCH9714	B.Sc.(H)Chemistry
9.	Yashvardhan Pal	19HCS4061	B.Sc.(H) Comp. Sci.
10.	Ankit Singh	17PCS5107	B.Sc. PSCS
11.	Saurabh Sharma	18BAP9476	B.A. (P)
12.	Aayush Joshi	19PCS5001	B.Sc. PSCS
13.	Rahul Kumar Ray	19HBT6623	B.Sc.(H)Botany
14.	Alluum Anugrah	18BMS0441	BMS
15.	Ankit Kumar	16HCS9603	B.Sc.(H) Comp. Sci.
16.	Rahul Yadav	19PHS6021	B.Sc. Physical Chemistry
17.	Kanishk	19BAP9219	B.A. (P)
18.	Shaurya Chhikara	17COM1517	B.COM. (H)

BADMINTON (M)

S.NO.	NAME	ROLL NO.	COURSE
1.	Kush	18BAP9439	B.A. (P)
2.	Himanshu Chaturvedi	18COM1058	B.COM. (H)
3.	Anuj	18COM1021	B.COM. (H)
4.	Porash	18MTS5930	B.Sc. (Mathematical science)

WEIGHTLIFTING (M)

S.NO.	NAME	ROLL NO.	COURSE
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1.	Yash Kumar Yadav	19BAP9037	B.A. (P)
2.	Aayushmaan Gautam	18COM1001	B.COM. (H)
3.	Abhishek Choudhari	18MTS5902	B.Sc. (Mathematical science)

TABLE TENNIS (M)

S.NO.	NAME	ROLL NO.	COURSE
1.	Nishant	18BAP9451	B.A. (P)
2.	Saurabh	18BAP9476	B.A. (P)
3.	Siddharth	19BAP9135	B.A. (P)
4.	Rahul	19BAP9127	B.A. (P)
5.	Amit	19HEL2065	BSc. (H) Electronics

TAEKWONDO (W)

S.NO.	NAME	ROLL NO.	COURSE
1.	Ichcha Nigam		B.Sc. (Life Science)

BASKETBALL (W)

S.NO.	NAME	ROLL NO.	COURSE
1.	Kanchan Nayal	17COM1361	B.COM. (H)
2.	Asha Kumari	17HZL6907	B.Sc. zoology
3.	Anushka Singh	18HEL2409	BSc. (H) Electronics
4.	Himani Chaudhary	19PHS6033	B.Sc. Physical Science
5.	Chanchal Meena	18HEL2469	BSc. (H) Electronics
6.	Sakshi Aggarwal	18HCS4535	B.Sc.(H) Comp. Sci.

BASKETBALL (M)

S.NO.	NAME	ROLL NO.	COURSE
1.	Udbhav Tyagi	19COM8415	B.COM. (H)
2.	Shaurya	19COM8360	B.COM. (H)
3.	Swapnil Sood	17COM1566	B.COM. (H)
4.	Karan Tomar	17MTS5536	B.Sc. (Mathematical Science)

5.	Kunal Tomar	17MTS5542	B.Sc. (Mathematical Science)
6.	Nagendra Singh	17HEL2120	BSc. (H) Electronics
7.	Hitesh	18HEL2464	BSc. (H) Electronics
8.	Shubham Tripathi	19BAP9145	B.A. (P)
9.	Mayank Bhura	19MTS5614	B.Sc. (Mathematical Science)
10.	Tushar Tyagi	18COM1259	B.COM.(H)
11.	Kartik Maan	19COM8264	B.COM.(H)
12.	Gaurav Nain	18COM1046	B.COM.(H)

ARCHERY (M)

S.NO.	NAME	ROLL NO.	COURSE
1.	Abhimanyu	18BAP9401	B.A. (P)
2.	Priyanshu	18BAP9457	B.A. (P)
3.	Tanuj	18BAP9514	B.A. (P)
4.	Rishabh	17PCS5126	B.Sc. Physical sci. w comp.
5.	Rohit	17BAP8913	B.A. (P)
6.	Siddharth Saroha	19BAP9253	B.A. (P)

ARCHERY (W)

S.NO.	NAME	ROLL NO.	COURSE
1.	Harshi	19ENG0510	B.A.(H)ENG

ATHLETICS (W)

S.NO.	NAME	ROLL NO.	COURSE
1.	Akanksha Chilwal	19HCH8503	B.Sc.(H) Comp. Sci.
2.	Kanchan Nayal	17COM1361	B.COM. (H)
3.	Asha Kumari	17HZL6907	B.Sc. ZOOLOGY
4.	Himani Chaudhary	19PHS6033	B.Sc. Physical Science
5.	Nancy Gahlot	19ENG0519	B.A.(H)ENG

ATHLETICS (M)

S.NO.	NAME	ROLL NO.	COURSE
1.	Maanvender Singh	19PHS6016	B.Sc. Physical science
2.	Rahul Kumar Upadhyaya	19PCS5022	B.Sc. Physical sci. w comp.

ECA ACHIEVEMENTS

Achievements of Robotics Club				
S.No.	Name of the Student	Course/Year	Event/Activity	Position
1.	David Dahiya	B.Sc. (H) Physics-Iyr	Project Presentation-IGDTUW, Delhi	First
2.	David Dahiya	B.Sc. (H) Physics-Iyr	Project Presentation-AAVEG, DDUC	First
3.	Jaideep Shekhar	B.Sc. (H) Comp. Sc.-Iiyr	CODE BUD, NSUT, Delhi	Third
	Mohammad Ashif	B.Sc. (H) Comp. Sc.-Iiyr		
4	Vaibhav Singh	B.Sc. Comp. Sc.-Iiyr	Urjasva, DDUC	Second
5.	Siddhant Dipanshu Ragvendra	B.Sc. (H) Electronics-II yr	CIC, DU	Participation
	Vaibhav Himanshu	B.Sc. Comp. Sc.-Iiyr		
6.	Vaibhav, Yash Nikhil,	B.Sc. Comp. Sc.-Iiyr	Robo Race, IIT Delhi	Participation

	Siddhant,	B.Sc. (H) Electronics-II yr		
	Arti, Rohit Benjiwal,	B.Sc. (H) Physics-II yr		
7.	Vaibhav singh	B.Sc. Comp. Sc. - Iiyr	Arduino Modelling, St. Stephen's College,DU	Participation
	Raghavendra	B.Sc. (H) Electronics-II yr		
	Rohit Benjiwal	B.Sc. (H) Physics-II yr		
Achievements of Kalamkaar				
1	Rishi Suri	Bsc. Chemistry Hons, Second year	Open mic competition,Delhi youth poetry festival.	Second
2	Pulak Jain	Eng (H), Third Year	Online painting competition in Articon 2.0.	First
3	Rishi Suri	Bsc. Chemistry Hons, Second year	Open mic competition in Symposium organised by WDC,DDUC	Third
Achievements of Voices: The Debating Society				
1	Bhavya Khanna	BMS, Third year	Intra College OTP	Semi Finals

2	Bhavya Khanna	BMS, Third Year	Debate in Law College Dehradun	3 rd Best Adj
3	Gracy Yadav	Eng Hons, Second year	St. Stephens College - Vinod chowdhary memorial Conventional debate	Second
4	Gracy Yadav	Eng Hons, Second year	Verbattle, RICS AMITY	Best Speaker
5	Gracy Yadav	Eng Hons, Second year	Banarsidas Chandiwala Institute of Professional Studies - Youth Conventional Debate.	Best speaker
6	Gracy Yadav	Eng Hons, Third year	Diplomatic workshop by Global Youth, Round Table Dialogue, Security Council	Best Delegate
7	Amulya Agarwal	BMS, Second year	GGs Freshers Parliamentary Debate	Third
8	Amulya Agarwal	BMS, Second year	Debate at SYMIKSHA 2019 - Symbiosis Law School Noida	Third
9	Amulya Agarwal	BMS, Second year	Netaji Subhas Freshers Parliamentary Debate	Second

10	Amrisha Rai	Eng Hons, Second Year	Zucitva Extempore by WDC, DDUC	Best Debater
11	Medha Sharma	BMS, Second year	English conventional debate - Shivaji College	Best interjector
12	Abhay Shukla	Bcom Hons, First Year	Polemic, DDUC	Best interjector
13	Abhay Shukla	Bcom Hons, First year	Mridang – DDUC	Best Speaker
Achievements of Sangyaan: The Quiz Society				
1	Kenan Sarangi	BMS, First year	Intra-college “GENERAL QUIZ”	First
2	Yashvardhan	BMS, First year	Intra-college “GENERAL QUIZ”	First
3	Anuj	Bcom Hons, First year	Intra-college “GENERAL QUIZ”	Second
4	Siddhartha	Bcom Hons, First year	Intra-college “GENERAL QUIZ”	Second

5	Yogesh Mourya	BMS, Third year	Intra-college “GENERAL QUIZ”	Third
6	Aditya Sharma	B.Sc Mathematics Hons. Third year	Intra-college “GENERAL QUIZ”	Third
7	Hanish	BMS, First year	Induction Quiz for first year	First
8	Kenan Sarangi	BMS, First year	Induction Quiz for first year	First
9	Piyush Malik	Bcom Hons, First year	Induction Quiz for first year	Second
10	Sumit Singh	BMS, First year	Induction Quiz for first year	Second
11	Bhavni Gupta	Bcom Hons, First year	Induction Quiz for first year	Third
12	Shivansh Anand	Bcom Hons, First year	Induction Quiz for first year	Third

Achievements of Yavanika: The Theatre Society				
S.No.	Name of the Student	Course/Year	Event/Activity	Position

S.No.	Name of the Student	Course/Year	Event/Activity	Position
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1	Yavanika		Inter-College stage play competition of Chaos'20 at IIM Ahmedabad	Second
2	Garvit Ahuja	Bcom Hons, Third year	DDUC 's Women Development Cell fest Srijanika	First
3	Raghav Gosain	English Hons, Third Year	Reality show for budding actors, named 'The Shining Star', which is to be aired on DD National soon	Semi Finals

Achievements of Raaga: The Dance Society

s.No	Name of the Student	Course/Year	Event/Activity	Position
1	SHIVANI	Eng Hons, Third Year	IIT ROORKEE	First
2	SHIVANI	Eng Hons, Third year	IIT DELHI	First
3	SHIVANI	Eng Hons, Third Year	MANAV RACHNA UNIVERSITY	First
4	SHIVANI	Eng Hons, Third Year	DESHBANDHU COLLEGE	First
5	SHIVANI	Eng Hons, Third Year	ZAKHIR HUSSAIN COLLEGE	Third
6	SAHIL	Bsc. Electronics Hons. Second year	IIT ROORKEE	First
7	Raaga: The Dance Society		ISOMES (NOIDA)	First
8	Raaga: The Dance Society		ZAKHIR HUSSAIN COLLEGE	First

9	Raaga: The Dance Society		SATYAWATI COLLEGE	First
10	Raaga: The Dance Society		GIBS	Second
11	Raaga: The Dance Society		KALINDI COLLEGE	Third

Achievements of Fin-S				
	Name of Students	Course/Year	Event/Activity	Position/Achievement
1	Shubh Garg and Kapil Mittal	BMS 1 st and 2 nd Year	National Economics Championship-Hansraj College	1 st Position
2	Shivansh Anand and Siddharth	B.Com(Hons) 1 st year	Decennium'20-SSCBS	Best Contingent
3	Shubh Garg and Ayush Nanda	BMS 1 st year	Menace at Metropolis-SRCC	2 nd Position
4	Parth Aggarwal and Viren Nahar	BMS 2 nd Year	Blueprint-DDUC	1 st Position
5	Dhananjay Tanwar and Peeyush Chawla	BMS 1 st Year	Lyons Range-KMC	3 rd Position
6	Himanshu Bhola and Kapil Mittal	BMS 2 nd Year	Bid for Dead-Ramanujan College	2 nd Position

Achievements of Rhapsody: The Music Society

Band "Now We Are Six"

A 6-piece fusion band mixing the old and the new together.

Members

Dattatreya Biswas, Aditya Sharma, Kushgra Dudeja, Shubham Mody, Nitya Ramesh, Sourdeep Ghosh, Suraj and Abhinav Sharma.

- 1st position at St. Stephens College
- 1st position at Symbiosis College of Management Studies
- 1st position at Acharya Narendra Dev College
- 1st position at Motilal Nehru College
- 1st position at Maharaja Surajmal Institute of Technology
- 1st position at Lal Bahadur Shastri Institute of Management
- 2nd position in Spectrum at Lady Shree Ram

College

- 2nd position at Symbiosis Law School
- 2nd position at Dyal Singh College(E)
- 2nd position at Dyal Singh College(M)
- 2nd position at Indian Institute of Foreign Trade
- 2nd position in Synchronicity at IIT Delhi

Western Acapella:

Members Nitya Ramesh, Dattatreya Biswas, Sourodeep Ghosh, Aditya Sharma, Kushagra Dudeja ,Shambhavi Tripathi , Aashraya Manandhar , Palak Sahdev,Yukti Sharma,Sahaj Nair,Ayan Makhija,Naman Gidwai,Jitesh Sharma,Mukul Sharma,Akshat Mahajan

- Finalists at Mood Indigo IIT Mumbai

-Performed at Delhi college of Arts and Commerce, Dyal Singh College(E) and Swami Shraddhanand College

Solos:

Kushagra Dudeja (Indian Solo Singing Events)

Accompanied by Aditya Sharma And Akshat Mahajan

- 1st position at Mood Indigo IIT Mumbai
- 1st position at Ambedkar College
- 2nd position at Lady Shri Ram College
- 2nd position at Gargi College
- 2nd position at LBSIM Dwarka
- 3rd position at ISB Gurgaon
- 3rd position at Shivaji College
- 2nd position at Maharaja Agrasen College
- Special mention at Dyal Singh Evening College

Dattatreya Biswas (Western Solo Singing Events)

Accompanied by Aditya Sharma

- 1 st Position at IIT Delhi
- 1 st Position at Ambedkar College
- 2 nd Position at MSIT
- 2 nd position at Ambedkar University
- 3 rd Position at Dyal Singh Evening College

Nitya Ramesh (Western Solo Singing Events)

- 1 st Position in Zucitva Annual Fest
- 3 rd Position at Dyal Singh(E) College
- Special Mention at Swami Shraddhanand College

Sahaj Nair (Indian Solo Singing)

Accompanied by Akshat Mahajan
 - 1 st position at Symbiosis College of Management Studies
 - 1 st Position at Shaheed Rajguru College Of applied Sciences
 -3 rd Position at Symbiosis Law School

Sourodeep Ghosh (Indian Solo Singing)

Accompanied by Aditya Sharma
 - 1 st Position at ISB Gurgaon
 -1 st Position at Salosh Singing Competition
 -3 rd Position at LBSIM Dwarka
 -Special Mention at Ambedkar

Indian Choir

Members: Sourodeep Ghosh, Nitya Ramesh, Jitesh Sharma, Palak sahdev, Mukul Sharma, Kushgra Dudeja, Sahaj Nair, Yukti Sharma and Akshat Mahajan

- -Semi-Classical Indian Choir secured Third Position at AIIMS.
 - -Classical Indian Choir performed for the first time with its Original Composition at SGTB Khalsa and Sri Venkateshwra College.

ACHIEVEMENTS OF THE FACULTY AND RESEARCH PERFORMANCE

More than just dedicated educators, some of the members of our faculty also generate new knowledge and insights through their research. The scholarly work ensures that your learning reflects the latest and best thinking in the field.

RESEARCH GUIDANCE

Name of Guide	Level of Guidance	Number of candidates registered	Thesis Submitted (Numbers) in 2019	Degree Awarded (Numbers) in 2019
Dr. Mahaveer	Ph. D	01	-	-
Dr. Manoj Saxena	Ph. D	05	-	-
Dr. Ratnesh Rajan Saxena	M. Phil	5	-	3
	Ph. D	7	-	5
Dr. Sanjay Kumar	M. Phil	6	-	4
	Ph. D	7	-	2
Dr. Veena Jain	M. Phil	2	1	-
Dr. R.M. Bharadwaj	Ph. D	-	-	1
Dr. H.P. Roy	M. Phil	-	3	3

	Ph. D	2	1	2
Dr. Yogieta Mehra	Ph. D	1	-	-
Dr. Sunil Kumar	Ph. D	1	-	-
Dr. Arpita Sharma	Ph. D	2		

PROJECT GUIDANCE AT THE UNDER-GRADUATE/POST-GRADUATE LEVEL

Name of the Supervisor	Nature of Project	Title of the Project	Name of the Student and institution	Duration
Dr. Manoj Saxena	Summer Research Fellowship Sponsored by Indian Academy of Sciences (IAS), National Academy of Sciences, India (NASI), and Indian National Science Academy (INSA)	TCAD Basd Assessment of Advanced AlGa _N /Ga _N HEMT with Al _N Cap Layer	Ms Shreyasi Das ENGS3771 University of Calcutta, Kolkata	May-July 2019
		Modelling and Simulation based Investigation of Ferroelectric DG-MOSFETs and DGTFTs for Switching Applications and circuit design	Ms Reshma S Kumar ENGS3045 Delhi Technological University, New Delhi	May-July 2019
		Modeling and Simulation Study of Different FET and TFET Architectures for Bio-sensing and Gas-sensing Applications	Ms Shrabasti Mondal ENGS2999 National Institute of Technology, Durgapur	May-July 2019
		Modelling and Simulation of Asymmetric Gate AlGa _N /Ga _N HEMT using ADS and TCAD	Ms Amrutamayee Nayak ENGS4992 National Institute of Science & Technology, Berhampur	May-July 2019
Dr. Ratnesh Rajan Saxena	Summer Internship in M.Sc. (Applied Mathematics)	On Fuzzy Transportation Problems	Ms. Simran Amity University	May 20 - June 28, 2019

		On Fuzzy Game Theory	Ms. Sonam Yadav Amity University	May 20 - June 28, 2019
		On Fuzzy Transshipment Problems	Ms. Harshita Gururani Amity University	May 20 - June 28, 2019

DISTINCTIVE ACHIEVEMENTS

❖ Awards

1. **Dr. Varnika Bhatia** received the **Best Poster Award** at International Conference on Advances in Sustainable Agriculture: Bioresources, Biotechnology & Bioeconomy held at Mansarovar Global University, Bhopal on 29-30 November, 2019.
2. **Dr. Rakesh Kumar** received the **Emerald Literati Award 2019** for Highly Commended Research awarded by Emerald Publishing UK.
3. Rupam Kumari, Shallu, Nishi Pant, Vaibhav Saini, Adrija Mohanta, Roshan Kumar, Nirjara Singhvi, Vipin Gupta, Utkarsh Sood, Rup Lal, **Renu Solanki, and Shailly Anand** won the first prize from International Society for Microbial Ecology (ISME) for their poster presented at International Conference titled *Current Trends in Microbiology and Microbiome Research: A Global Perspective (CTM 2019)* organized by the Indian Network for Soil Contamination Research and MDU at Maharshi Dayanand University, Rohtak, Haryana on October 11-12, 2019.
4. **Dr. Sudhir Verma** was awarded the following Awards and Fellowships:
 - The **Building Educators for Science, Technology and Mathematics (BESTM) Teachers Fellowship** from Homi Bhabha Centre for Science Education (HBCSE), Tata Institute of Fundamental Research (TIFR), Mumbai for the project *Developing Resources for Biology Education* for 2019-20.
 - **Summer Faculty Research Fellowship, 2019** from Indian Institute of Technology (IIT), Delhi under mentorship of Dr. Ashok Kumar Patel, School of Biological Sciences, IIT Delhi (*Did not avail*).
 - **D.D. Kosambi Teacher Mentor Award 2019** for exemplary contribution in collaborative biology research from HBCSE, TIFR, Mumbai under stem games.metastudio.org initiative.
 - **Travel grant from UGC** for presenting paper in international meeting *Epigenetics of Infectious and Non-communicable Diseases* at ICGEB, Cape Town, South Africa in September 2019.
 - He was also nominated for **National Science Teachers Congress** at India International Science Festival, 2019 at Kolkata from November 5th – 8th, 2019.

5. **Dr. R. M. Bharadwaj** received

- **IMRF Excellence Award**, in recognition of the consistent superior performance in History upon the recommendations of the committee on IMRF Academic Awards for the Academic year 2018-19 by The International Multidisciplinary Research foundations, Chanakyapuri, New Delhi on July 26, 2019.
- **Commendation** for the edited book *Reinterpreting Indology and Indian History: Institution, Intentions, Sources and Issues* by Maithili Sahiya Sangathan, Patna, Bihar January 7, 2020.

❖ **Patent Obtained/Filed**

- **Dr. Ankit Rajpal** has filed a patent titled *System and Method for Watermarking Mpeg-4 Advanced Video Coding (AVC) Videos* (Application No. 201911053169).

❖ **Academic Council**

- **Dr. Ratnesh Rajan Saxena** was elected as *Member-Academic Council* of the University of Delhi for 2019-2021.

❖ **Projects**

Name of Faculty	Name of Research Grant	Funding Agency	Title	Amount Sanctioned	Project Start Date	Project End Date
Dr. Sunny Manohar	UGC-Start Up Grant	UGC	Magnetically Active Ionic Liquids: Design, Synthesis and their Applications in Organic.	6 Lakhs	8-1-2018	8-1-2020
Dr. Jyoti	UGC-Start Up	UGC	Solution based synthesis of Graphene quantum dots and study of photoluminescence emission property	6 Lakhs	8-1-2018	8-1-2020

Dr. Kapil Bohra	UGC-Start Up Grant	UGC	Facile Access to Nucleobase-modified Nucleosides via Diels-Alder Reaction.	6 Lakhs	8-1-2018	8-1-2020
Dr. Varnika Bhatia	UGC-BSR Research Start-Up-Grant	UGC-BSR	Metabolic Engineering of Taxol to Enhance its Anti-cancerous Efficacy	10.0 Lakhs	23-6-'17	22-6-'19
Dr. Manoj Saxena (Co-Principal Investigator)	Contract for Acquisition of Research Services (CARS), DRDO	DRDO	Layout Optimization and Thermal analysis Switching Applications and LNA Design	23 Lakhs	2019	2020
Dr. Mamta Amol Wagh	Training program	National Board of Higher Mathematics	Mini-Mathematics Training and Talent Search Programme	220000/	12-3-2020	17-3-2020*

*The programme got abandoned due to the closure of Delhi University on account of coronavirus pandemic.

❖ Doctor of Philosophy

- **Dr. Ankit Rajpal** was awarded the degree of Doctor of Philosophy (Ph.D.) in Computer Science for thesis titled *Watermarking Schemes for Images and Videos Using Extreme Learning Machine and its Variants* from Department of Computer Science, Faculty of Mathematical Sciences, University of Delhi in July 2019 under the supervision of Dr. Rajni Bala, Deen Dayal Upadhyaya College, University of Delhi and Dr. Anurag Mishra, Deen Dayal Upadhyaya College, University of Delhi.
- **Dr. Rajan Gupta** was awarded the degree of Doctor of Philosophy (Ph.D.) in Computer Science for thesis titled *Techniques for Improvement of E-Governance in Developing Nations* from Department of Computer Science, Faculty of Mathematical Sciences, University of Delhi in December 2019 under the supervision of Prof. Sunil Kumar Muttoo, University of Delhi and Dr. Saibal Kumar Pal, DRDO.

MEMBERSHIP OF PROFESSIONAL BODIES

1. Dr. R. M. Bhardwaj

- *Member* - Asiatic Society, Paris, France since May 2014.
- *Member* - Asiatic Society of Kolkata, an Institution of Eminence by an Act of Parliament of India, since 2014.
- *Life Member* - Indian History Congress (1935) since 1986.

2. Dr. Manoj Saxena

- *Fellow*- Institution of Electronics and Telecommunication Engineers (IETE) (F 500322)
- *Member* – IEEE Electron Device Society (USA) Board of Governors (2018-2020)
- *Member* – Engineering Sciences Selection Committee for the Science Academies' Summer Research Fellowship Programme 2020.
- *Editorial Board Member* - Solid State Electronics Letters, Imprint: KeAi ISSN: 2589-2088.
- *Distinguished Lecturer* – IEEE Electron Device Society
- *Regional Editor South Asia* – IEEE EDS News Letter ISSN: 1074 1879 edited the following Volumes of EDS Newsletter –
 - January 2019 Vol. 26, No. 1 ISSN: 1074 1879
<http://www.ieee.org/ns/periodicals/EDS/EDS-January-2019-HTML/index.html>
 - April 2019 Vol. 26, No. 2 ISSN: 1074 1879
<http://www.ieee.org/ns/periodicals/EDS/EDS-APRIL-2019-HTML%202/index.html>
 - July 2019 Vol. 26, No. 3 ISSN: 1074 1879
<http://www.ieee.org/ns/periodicals/EDS/EDS-JULY-2019-HTML/index.html>
 - October 2019 Vol. 26, No. 4 ISSN: 1074 1879
<http://www.ieee.org/ns/periodicals/EDS/EDS-OCTOBER-2019-HTML/>
- *Secretary* – IEEE Delhi Section (2019)
- *Reviewer of following Journals* –
 - Journal of Electronic Materials (Springer Journal), Impact Factor: 1.566 (2017), ISSN:0361-5235 (print version).
 - IEEE Access, Impact factor: 4.098, Electronic ISSN: 2169-3536.
 - IEEE Electron Device Letters, Impact factor: 3.753, Electronic ISSN: 1558-0563; Print ISSN: 0741-3106.
 - IEEE Transactions on Electron Devices, Impact factor: 2.704, Electronic ISSN: 1557-9646, Print ISSN: 0018-9383.
 - IEEE Transactions on Circuits and Systems I: Regular Papers, Impact factor: 3.934, Electronic ISSN: 1558-0806, Print ISSN: 1549-8328.

- IEEE Transactions on Circuits and Systems II: Express Briefs, Impact factor: 3.25, Electronic ISSN: 1558-3791, Print ISSN: 1549-7747.
- Semiconductor Science Technology, Impact Factor: 2.654, Online ISSN: 1361-6641, Print ISSN: 0268-1242.
- International Journal of Numerical Modelling: Electronic Networks, Devices and Fields (John Wiley & Sons, Ltd.) Impact factor: 0.795, Online ISSN: 1099-1204.
- IET Circuits, Devices & Systems, Impact Factor: 1.277, Online ISSN 1751-8598, Print ISSN 1751-858X.
- AEU-International Journal of Electronics and Communications, Impact factor: 2.853, ISSN: 1434-8411.
- IOP Nanotechnology, Impact factor: 3.399, Online ISSN: 1361-6528, Print ISSN: 0957-4484.
- Microelectronics Journal, Impact factor: 1.284, ISSN: 0026-2692
- Advances in Condensed Matter Physics, Impact factor: 0.653, ISSN: 1687-8108(Print), ISSN: 1687-8124 (Online).
- Turkish Journal of Electrical Engineering & Computer Sciences, Impact factor: N/A, E-ISSN: 1303-6203, ISSN: 1300-0632.
- Materials Science in Semiconductor Processing, Impact factor: 2.722, ISSN: 1369-8001.
- Computer Communications (Elsevier), Impact factor: 2.766, ISSN: 0140-3664.

3. Dr. Poonam Kasturi

- Appointed as *Single Point of Contact* for Smart India Hackathon 2020 organised by MHRD – MIC

4. Dr. Rakesh Kumar

- *Reviewer of the following journals*
 - Journal of Financial Economic Policy (published by Emerald)
 - International Journal of Emerging Markets (published by Emerald)
 - International Journal of Finance and Economics (published by Wiley)
 - South Asian Journal of Business Studies (published by Emerald)
 - Review of Market Integration (published by Sage)
 - Journal of Economic Studies (published by Emerald)

5. Mr. Nitin Luthra

- Took a class *ENG 5890 Teaching College English* at Ohio University to learn and apply new and cutting-edge techniques in teaching first year English writing to undergraduate students.

6. Dr. Ratnesh Rajan Saxena

- *Senior Member* - Operational Research Society of India (ORSI), INDIA
- *Life Member* - Soft Computing Research Society, India
- *Reviewer* - “Mathematical Reviews”, American Mathematical Society

7. Dr. Sanjay Kumar Pant

- *Life Member* - Indian Mathematical Society
- *Life Member* - Ramanujan Mathematical Society

- *Member* - American Mathematical Society
 - *Reviewer* - Mathematical Reviews, American Mathematical Society (130924)
- 8. Dr. Poonam Garg**
- *Life Member* - Indian Science Congress Association (ISCA), Kolkata (Membership No. L13323)
- 9. Dr. Mamta Amol Wagh**
- *Life Member* - Indian Mathematical Society (IMS), Allahabad (Membership No. N-09-066)
 - *Life Member* - Indian Science Congress Association (ISCA), Kolkata (Membership No. L14981)
- 10. Dr. Varnika Bhatia**
- *Life Member* - The Indian Science Congress Association
 - *Life Member* - The Indian Botanical Society
- 11. Dr. Vandana Sharma**
- Member* - Indian Science Congress
- 12. Dr. Sudhir Verma**
- *Judging Panelist*, Global Undergraduate Awards-2019, Ireland for Life Sciences category
- 13. Dr. Rajkumari Sanayaima Devi**
- *Member* - Indian Botanical Society, India
 - *Member* - Indian Society of Plant Physiology, India.
- 14. Dr. S. N. Tripathi**
- *Member* - Fellow of Tropical Ecology (FTE)
 - *Member* - International Society for Tropical Ecology, Varanasi (India)
- 15. Dr. Mahaveer Genwa**
- *Life Member* - Indian Science Congress Association (ISCA), Kolkata (Membership No. L30775)
 - *Life Member* - Indian Society of Analytical Scientists (ISAS) (Membership No. LMT 2017/07)
- 16. Dr. Kapil Bohra**
- *Life Member* - Association of Carbohydrate Chemists and Technologists, India (ACCTI).
- 17. Mr. Vipin Kumar Meena**
- *Life Member* - Indian Institute of Banking and Finance (Membership No. 500178204)
 - *Life Member* - Indian Accounting Association (Membership No. DH-306).
- 18. Dr. Meghna Aggarwal**
- *Life Member* - Indian Accounting Association, Delhi Chapter (Membership No. DH-230).
 - *Editorial Board Member* - ARSEAM“ Journal “International Journal of Social Sciences & Economic Environment”
- 19. Dr. AnujaSoni**
- *Reviewer* - InderScience Publisher
- 20. Dr. A. K. Singh**

- *Member* - Indian Society of Atomic and Molecular Physics.
- *Member* - American Physical Society.
- *Member* - Royal Astronomical Society of London.

21. Dr. Ankit Rajpal

- *Professional Member* - IEEE (Membership No. 93659514)

22. Dr. Rajan Gupta

- Certified Analytics Professional (C.A.P.) – INFORMS, USA.
- Graduate Statistician (GStat) – American Statistical Association, USA.

MEMBERSHIP OF ACADEMIC BODIES/ COMMITTEES OF THE UNIVERSITIES OF DELHI

- 1. Dr. Shashi Saxena** - *Working Group Member* in Syllabus Revision Committee of the University of Delhi (UGC-LOCF), 2019.
- 2. Dr. Ratna:**
 - *Member*, Faculty of Science (for three years from 2019 onwards on rotation basis) at the University of Delhi.
 - *Coordinator/Working Group Member* in Syllabus Revision Committee of the University of Delhi (UGC-LOCF), 2019.
- 3. Dr. Vinod Kumar** - *Coordinator* for the revision of syllabus of chemistry IPR course of the University of Delhi (UGC-LOCF), 2019.
- 4. Dr. Mahaveer** - *Working Group Member* in Syllabus Revision Committee of the University of Delhi (UGC-LOCF), 2019.
- 5. Dr. Chetna Angrish** - *Working Group Member* in Syllabus Revision Committee of the University of Delhi (UGC-LOCF), 2019.
- 6. Dr. Nityananda Agasti:**
 - *Member*, Under Graduate Curriculum Revision Committee, University of Delhi.
 - *Member*, Committee of Courses, B.Sc. (H) Polymer Science, University of Delhi
 - *Special Invitee*, Committee of Courses, Under Graduate Courses (UG) in Chemistry, University of Delhi
- 7. Dr. Jyoti** - *Working Group Member* in Syllabus Revision Committee of the University of Delhi (UGC-LOCF), 2019.
- 8. Dr. Varnika Bhatia**
 - UGC-LOCF, Molecular Biology, Department of Botany, University of Delhi, 2019(http://www.du.ac.in/du/uploads/24052019_CBCS_B.SC_HONS_BO_TANY.pdf)
 - UGC-LOCF, Plant Biotechnology, Department of Botany, University of Delhi, 2019 (http://www.du.ac.in/du/uploads/24052019_CBCS_B.SC_HONS_BOTANY.pdf)
 - *Member*, Committee of Courses and Studies for Honours/ Post-graduation and Research Studies in Botany from 2019-2021.

- *Life Member*, Delhi University Botanical Society, Department of Botany, University of Delhi, Delhi.
- 9. Dr. Poonam Kasturi** -*Member*, Committee of Courses, Department of Electronic Science from February 23, 2019 to February 22, 2021.
- 10. Dr. Ratnesh Rajan Saxena**
- *Member*, Academic Council of Delhi University for two years 2019-21.
 - *Member*, Standing Committee-Academics-University of Delhi 2019-21.
 - *Member*, Mathematical Sciences Courses Admission Committee, University of Delhi from 2019-21.
 - *Member*, Interim Task Force Committee- University of Delhi from 2019-21.
 - *Moderator*, IGNOU UG/PG examination system.
 - *Member*, Gandhi Study Circle-DU, DDUC-centre (2019-20 & 2020-21).
- 11. Dr. Sanjay Kumar**
- *Coordinator (Honorary)*, Centre of Excellence in Mathematical Sciences (CEMS), Kumaun University, SSJ Campus, Almora, Uttarakhand (2014-2019).
 - *Coordinator, USM*, Dehradun, Uttarakhand (2018- Till Date).
 - *Coordinator for MMC Delhi Region Homi Bhabha Centre of Science Education (TIFR, Mumbai)*.
- 12. Dr. Monika Bansal**
- *Member*, Faculty of Management Studies (DU) under the provision of Statute 9(3) (v) – Teachers’ Category till September 2019.
 - *Member*, Course Curriculum Development Committee constituted by Faculty of Applied Social Science & Humanities (FASSH), University of Delhi for the revision of Syllabus of BBS/BMS under LOCF structure (2019-20).
- 13. Dr. Anita Gulati** - *Co-ordinator*, UGC LOCF Curriculum revision committee 2019 for Biochemistry & Immunology paper of B.Sc. Applied Life Sciences Semester-V.
- 14. Dr. Lathika Nair** - *Member*, UGC LOCF Curriculum revision committee 2019 for Applied Cell Biology paper of B.Sc. Applied Life Sciences Semester-II.
- 15. Dr. Shailly Anand** -*Member*, UGC LOCF Curriculum revision committee 2019 for Cell Biology paper of B.Sc. Hons. Zoology Semester-II.
- 16. Dr. Sudhir Verma**
- *Member*, Courses Revision Committee under UGC- LOCF format for B.Sc. (Hons.) Zoology Semester-VI Evolutionary Biology Paper, Department of Zoology, University of Delhi.
 - *Member*, Committee of courses for Zoology for UG courses in Zoology and Life Sciences for 2019-21 (Ref No. Z/2020/1 dated February 13th, 2020).
- 17. Dr. Veena Jain**
- *Member*, Committee for revision of Under-Graduate Curriculum of Operational Research in B.Sc. (Math. Sc.), B.A. (Programme) and GE under

LOCF (Learning outcome-based curriculum framework) and part of various committees for preparing guidelines of various papers.

- *Member*, Committee for revision of Under-Graduate Curriculum of Operational Research in B.Sc. (H.), O.R.) and part of various committees for preparing guidelines of various papers according to LOCF (Learning outcome-based curriculum framework).
- M.Phil. Committee in the Department of Operational Research, University of Delhi DRC (Departmental Research committee in the Department of Operational Research, University of Delhi).
- Board of Research Studies (BRS) Mathematical Sciences in University of Delhi.

18. **Dr. Sujata Khatri** - Convener, Board of Examiners (Paper-Setting and Paper-Evaluation) of *Operating System* of the course B.Sc. (H) Computer Science, Sem-III during Nov/Dec-2019-2020.

19. **Dr. Anuja Soni** - Convener, Board of Examiners (Paper-Setting and Paper-Evaluation) of Computer System Architecture of the course B.Sc. (H) Computer Science, Sem-I during Nov/Dec-2019-2020.

20. **Dr. Rajan Gupta**

- Working Group Member for the revision of the course titled *Information Security* (Course Code BHCS14) in Programme (CBCS) B.Sc. (Hons.) Computer Science, Department of Computer Science, University of Delhi.
- Working Group Member for the revision of the Course titled Internet Technologies (Course Code BHCS13) in Programme (CBCS) B.Sc. (Hons.) Computer Science, Department of Computer Science, University of Delhi.
- Member of the Examination Committee and Paper Setter for B.Sc. (Math. Sc.), semester III for paper titled *Linux Systems Administration* (UPC: 234163) at Department of Computer Science, University of Delhi.
- Member of the Examination Committee and Paper Setter for MCA, semester I for paper titled *Statistical Techniques* (MCA-103) at Department of Computer Science, University of Delhi.

21. **Dr. Arpita Sharma**

- Convener, LOCF based Curriculum Design committee for *Operating System* paper.
- Member, LOCF based Curriculum Design committee for *Java Programming* paper.
- Member, LOCF Curriculum Design Committee – proposed and drafted the syllabus of the Discipline Specific Elective *Data Visualization and Analysis*.

**RESOURCE PERSON/ INVITED SPEAKER IN
CONFERENCES/WORKSHOP/SEMINARS/ SYMPOSIA/TRAINING COURSES/
REFRESHER COURSE ETC.**

1. Dr. Nityananda Agasti

- Delivered lecture on *Planning Your Research* Short Term Course on Research Methodology for Research Scholars at Centre for Professional Development in Higher Education, University of Delhi on September 21, 2019.
- Delivered lecture on *Swami Vivekananda and Education in India* at Training Programme of Employees of Surya Foundation, New Delhi on October 08, 2019.
- *Inspirational Teaching* at Orientation Programme (OR-99) for Teachers at Centre for Professional Development in Higher Education, University of Delhi on January 09, 2020.
- *Planning your Research* at Orientation Programme (OR-99) for Teachers at Centre for Professional Development in Higher Education, University of Delhi on January 21, 2020.

2. Dr. Anju Agrawal

- **Resource person** for one day workshop on 3D Modelling with Fusion 360 at Deen Dayal Upadhyaya College on September 27, 2019.
- **Resource person** for two days workshop on Design and Development of Sensors Guided Bots at School of Engineering, JNU, Delhi on November 9-10 2019.

3. Dr. Manoj Saxena

- Delivered IEEE Distinguished Lecture on *Modeling and Simulation of Tunnel Field Effect Transistor as a Biosensor* at Indira Gandhi Delhi Technical University for Women (IGDTUW), New Delhi, India on August 20, 2019.

4. Dr. Ravinder Kaur

- **Resource person** for two-day workshop on “*Design and Development of Sensors Guided Bots*” at School of Engineering, JNU, Delhi on November 9-10 2019.

5. Dr. Poonam Kasturi

- **Resource Person** at Sixth Hands on Workshop on “*VHDL Programming & Digital Circuit Designing with Implementation on FPGA*” jointly organized by MHRD Institution and Innovation Council (MHRD-IIC) DDUC Chapter with National Academy of Sciences India, Allahabad –Delhi Chapter and IEEE Electron Device Society (EDS) – Delhi Chapter and Corel Technologies from October 21-24, 2019.

5. Dr. Sanjay Kumar

- Gave two invited talks on *Wiman - Valiron Theory* in workshop on Several Complex Variables organized from December 9 - 13, 2019 at Kerala School of Mathematics, Kozhikode, Kerala.

- Gave three lectures on Analysis in *Intensive Undergraduate Workshop* held at the Department of Mathematics, Deen Dayal Upadhyaya College, University of Delhi from March 22-24, 2019.

7. **Dr. Poonam Garg and Dr. Mamta Amol Wagh**

- **Resource person** for *Workshop – I on Numerical Methods with Mathematica* organized by the Department of Mathematics under the aegis of DBT Star College Scheme on March 6, 2019.
- **Resource person** for *Workshop – II on Numerical Methods with Mathematica* organized by the Department of Mathematics under the aegis of DBT Star College Scheme on March 8, 2019.
- **Resource person** for *Workshop – III on Numerical Methods with Mathematica* organized by the Department of Mathematics under the aegis of DBT Star College Scheme on March 11, 2019.

8. **Dr. Rashmi Gupta**

- Resource person for *Hands-on Workshop on Latex* at Deen Dayal Upadhyaya College on September 6, 2019.
- Resource person for *Hands-on Workshop on Latex* at Deen Dayal Upadhyaya College on September 13, 2019.

9. **Dr. Dinesh Kumar**

- Delivered an invited talk entitled *Some Aspects of Semigroup of Transcendental Entire Functions* at the Mini Symposium in Mathematics held at the Department of Mathematics, Deen Dayal Upadhyaya College, University of Delhi from February 22-23, 2019.
- Gave an invited talk entitled *Dynamics of Nearly Abelian Transcendental Semigroup* at Research Seminar in Mathematical Sciences held at Department of Mathematics, Deen Dayal Upadhyaya College, University of Delhi on January 23, 2020.

10. **Mr. Tarachand Prajapati and Mr. Ravi Kumar Meena**

- **Resource person** for three days workshop on *TORA*, for B.Sc. Physical Science and Mathematical Science students at Deen Dayal Upadhyaya College under the aegis of DBT Star College Programme on February 21, February 28 and March 7, 2019 respectively.

11. **Mr. Ravi Kumar Meena**

- **Resource person** for three days workshop on *TORA*, for B.Sc. Physical Science Computer/Chemistry students at Deen Dayal Upadhyaya College under the aegis of DBT Star College Programme on March 3 and March 5, 2020 respectively.

12. **Dr. Lalit Kumar**

- **Panelist** in a discussion organized by the Department of English, Kamla Nehru College on the topic *Satire in Indian Literature* on February 28, 2020.
- Delivered a **guest lecture** on *European Classical Literature* at the Department of English, Jaipur National University on April 1, 2019.

- Invited to give an *overview of Greco-Roman culture* in a one-day seminar organized by the Department of English, CVS, University of Delhi in collaboration with Indo-Hellenic Friendship League on August 21, 2019.
- Delivered a lecture on *Neoclassicism and Print Culture* at a National Conference jointly organized by the Departments of English of the University of Delhi and ARSD College on February 14, 2020.

13. Anita Gulati, Lathika Nair, Renu Solanki, Shailly Anand, Kamlesh Kumari & Nitish Mahato

- **Resource Persons** for a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.

14. Dr. Shailly Anand

- Delivered an invited talk entitled *Promoting Microbiology in Rural India through Hands-on Outreach Programs (An experiential journey)* at Southeast Asian Regional Symposium on Microbial Ecology (SARSME 2020) organized by Microbial Ecology Network of Nepal, Provincial government of Pokhara and PN campus of Tribhuvan University & partially sponsored by ISME (International Society for Microbial Ecology) on February 12 -14, 2020 at Pokhara, Nepal.

15. Dr. Sudhir Verma

- **Resource person** in *Pedagogy* workshop at Shri Mata Vaishno Devi University, Katra on March 13th, 2019.
- Resource person in three-day workshop on *Research Based Pedagogical Tools (RBPT)* for UG level Science teachers at Daulat Ram College, University of Delhi from March 25 – 27, 2019.
- Resource person in three-day workshop on *Research Based Pedagogical Tools (RBPT)* for UG level Science teachers at IIT Sonapat from February 28 to March 01, 2020.
- Resource person for the workshop on *Development of Test Items* at National Council of Education, Research and Training (NCERT) from January 12, 2020.
- Resource person for the workshop on *Developing Resource Material for Life Science Teachers* at National Resource Centre for Education (NRCE), National Institute for Educational Planning and Administration (NIEPA) on January 16 – 17, 2020.

16. Dr. Nitish Mahato

- Resource person of one day Inter-College workshop on *Techniques in Molecular Microbiology* jointly organized by Department of Zoology of Deen Dayal Upadhyaya College and Acharya Narendra Dev College under the aegis of Science Foundation & DBT Star College Program on February 25, 2020.

17. Dr. Monika Bansal

- Invited by Uniglobe College affiliated to Pokhara University, Kathmandu, Nepal to teach *Sales Management* to BBA marketing specialization students from May 26 – June 8, 2019.

18. Dr. R. M. Bharadwaj

- Invited speaker to deliver an inspiring talk in the International Conference on *Gender, Diaspora, Cultural Identity, Education* at Islamic Studies, Delhi on July 26-27, 2019.
- Invited speaker in a one-day seminar on *Issues in History* organized by the Department of History and IQAC Shyam Lal College (Eve) on August 31, 2019.
- Delivered a Lecture on *Indian History* organised by Zakir Husain Delhi College on November 6, 2019.
- Invited speaker to deliver a lecture on *Bengal Ke Punarjagarana Mein Mithila ke Dharmashastra ka Yogdan: Sarvoru Sharman Ke Vivadasararnava Ke Vishesh Sandrav Main* organized by Maithili Sahiya Sangathan, Patna, Bihar January 7, 2020.
- Invited as panelist at a Book Discussion on Dilip K. Chakrabarti's *Ancient Rajasthan: Research Development, Epigraphic Evidence on Political Power Centers and Historical Perspectives* organized by Vivekananda International Foundation on February 24, 2020.
- Chaired the International conference on *Reflections on Gender Equality, Feminism and Language Studies-2019* at IMRF Mysore Chapter, Mysore, Karnataka on June 14-15, 2019.

19. Dr. H. P. Roy

- Invited speaker to deliver a special lecture on *Sardar Patel and National Intregation* organized by the Department of Political Science, Saheed Bhagat Singh College, University of Delhi on the occasion of National Integration Day- October 31, 2019.
- Invited as keynote speaker in *International Conference on Iron Man Vallabh Bhai Patel* organized by Indian Council of Historical Research on the occasion of the birth anniversary of Iron Man Vallabh Bhai Patel on October 31, 2019.
- Resource Person in a Refresher Course in History on the theme *New Dimensions of Indian History and Archaeology* organized by the Centre for Professional Development in Higher Education, UGC-HRDC and University of Delhi on November 5, 2019.
- Invited Speaker to deliver a lecture on *Understanding Gandhi* under Gandhi Study Center, Shyama Prasad Mukherji College for Women on February 15, 2020.

20. Dr. Nitumoni Kakati

- Invited Speaker in a National Workshop on *Constitutional Provisions and Identity Safeguards: A Study of Himalayan Regions*, organized by Nehru Memorial Museum and Library at Leh on July 16-18, 2019.
- Invited for Inaugural Lecture on *Linguistic Identity and Cultural Heritage of Northeast India in Octet 2020* organized by Ethnic Eight, Northeast Student's Society, Jesus Mary College on March 3, 2020.

21. Dr. Ankit Rajpal

- Resource Person for Computer Literacy Program. He took three technical sessions on *MS-Word: Basics and Business Applications* on December 18, 2019.
- Resource Person for *Workshop on Python Programming* at Bal Bharati Public School, Gangaram, Delhi on November 15-16, 2019.
- Resource Person for *Workshop on Data Analytics using Python* at Deen Dayal Upadhyaya College, University of Delhi organized by Data Analytics on March 6-7, 2019.

22. Dr. Rajan Gupta

- Resource Person for *Workshop on Data Analytics using Python* at Deen Dayal Upadhyaya College, University of Delhi organized by Data Analytics on March 6-7, 2019.

23. Dr. Shweta Wadhwa

- Resource Person for Computer Literacy Program. She took two technical sessions on *MS-Word: Basics and Business Applications* on December 20, 2019.

24. Ms. Deepti Gupta

- Resource person for three days intensive hands-on-training on *Tally for Accounts Office Staff Members and Other Staff Members* from October 9-11, 2019.
- Resource Person for *Computerised Accounting System with GST* on June 14-15, 2019 in Add-on Course on Online Retailing: An Industry Orientation for Undergraduate Students organized by the Department of Computer Science, Deen Dayal Upadhyaya College, University of Delhi from June 27-July 15, 2019.

BOOKS/ MONOGRAPHS/ CHAPTERS

1. Rahul Bhadouria, **Sachchidanand Tripathi**, Pratap Srivastava, Pardeep Singh (2019), *Handbook of Research on the Conservation and Restoration of Tropical Dry Forests*, IGI GLOBAL, ISSN: 2330-3271, e-ISSN: 2330-328X.
2. A. J. Meitei and **Veena Jain** (2019), *Optimization Using Linear Programming*, Mercury Learning, ISBN – 9781683923473.
3. **Sunil Kumar** (2020), *Finance for the Non-finance Executives*, JSR Publishing House LLP, ISBN: 978-93-87684-75-1.
4. **Meghna Aggarwal** (2020), Second Edition, *International Business*, JSR Publishing House LLP, ISBN: 978-93-87684-71-3.
5. **Reena Yadav, Deepti Gupta**, (2020), Third Edition, *Consumer Affairs and Customer Care*, JSR Publishing House LLP, ISBN: 978-93-87684-70-6.
6. **Monika Bansal** (2019), *Artificial Intelligence in Human Resource Management*, Chapter in Edited Book - Human Resource – People Process and Technology, Bharti Publications, pp 184-189, ISBN: 9788194116264.
7. Khushwant Sehra, **Ankit Rajpal, Anurag Mishra**, and Girija Chetty (2019), *HOG Based Facial Recognition Approach Using Viola Jones Algorithm and Extreme Learning Machine*, In International Conference on Computational Science and Its Applications Springer, Cham, pp. 423-435, ISBN: 978-3-030-24308-1, DOI: https://doi.org/10.1007/978-3-030-24308-1_35.

8. Muttoo, S. K., Gupta, Rajan & Pal, S. K. (2019), *E-Governance in India – Progress Status*, Palgrave Macmillan, Springer, Vol. 1, 216 pages, ISBN: 978-981-138851-4, <https://www.palgrave.com/gp/book/9789811388514>.

PAPERS IN JOURNALS / PERIODICALS

1. **Rakesh Kumar** (2020), *Does Trade Interdependency Lead Linkages Between Stock markets? A Case of South Asian Countries*, International Journal of Emerging Markets (UK), <https://doi.org/10.1108/IJOEM-08-2018-0446>.
2. **Rakesh Kumar** (2020) *India and South Asia: Geopolitics, Regional Trade and Economic Growth Spillovers*, Journal of International Trade and Economic Development (Australia) Vol. 29 (1), pp. 69-88.
3. **Sudhir Verma** and Archana Singh, *Nurturing the Art of Scientific Writing*, Current Science, Vol. 117, No. 04, August 25, 2019.
4. **Sudhir Verma**, *Extending Vegetable Shelf-life: Starch Glucose Coating*, Science Last Fortnight, Current Science, Vol. 117, No. 3, August 10, 2019.
5. **Sudhir Verma**, *Chicken Genetic Lineage: Conserving Valuable Traits*, Science Last Fortnight, Current Science, Vol. 117, No. 2, 25 July 2019.
6. **Sudhir Verma**, *Caesarean Section: Push or Patwardhan's Method?* Science Last Fortnight, Current Science, Vol. 117, No. 1, 10 July 2019.
7. **Sudhir Verma**, *Red Cell Distribution Width: Predictor of Neonatal Sepsis*, Science Last Fortnight, Current Science, Vol. 116, No. 12, 25 June 2019.
8. **Sudhir Verma**, *Type 1 Diabetes Mellitus? Have Grapes and Red Wine* (Science Last Fortnight, Current Science, Vol. 117, No. 9, 25 November 2019.
9. **Sudhir Verma**, *Japanese Encephalitis Polymorphism Predicts Predilection*, Science Last Fortnight, Current Science, Vol. 117, No. 10, 25 November 2019.

10. **Sudhir Verma**, *Early Identification of Babies at Risk for Neonatal Sepsis Mortality* <https://steamindiareports.com/2019/07/01/early-identification-of-babiesat-risk-for-neonatal-sepsis-mortality/>.
11. Chitra Upadhyaya, **Sudhir Verma**, G.D. Prasanna, and G.M. Manohar GM, *A Twist in the Monsoon Tale*, Scintillate Wow! Science 2019 Issue (A magazine published by Science and Media Centre, IISER, Pune).
12. **Sudhir Verma**, *Tales the Dog's Face Tells*, Scintillate Wow! Science 2019 Issue (A magazine published by Science and Media Center, IISER, Pune).
13. Prateek Kumar, Aditi Kundu, Munendra Kumar, **Renu Solanki**, Monisha Khanna Kapur (2019), *Exploitation of Potential Bioactive Compounds from two Soil Derived Actinomycetes, Streptomyces sp. Strain 196 and RI.24*, Microbiological Research 229 (2019), UGC Reference Number – 126312.
14. V.K. Vishvakarma, P. Singh, **V. Kumar**, K. Kumari, R. Patel, R. Chandra (2019), *Pyrrrolthiazolones as Potential Inhibitors for the nsP2B-nsP3 Protease of Dengue Virus and Their Mechanism of Synthesis*, Chemistry Select, 4 (32), 9410-9419, Impact factor- 1.71 and UGC reference number - 48395.
15. P. Singh, V.K. Vishvakarma, **V. Kumar**, N. Shukla, Reetu, K. Kumari, R. Patel (2019), *A Model to Study the Inhibition of nsP2B-nsP3 Protease of Dengue Virus with Imidazole, Oxazole, Triazole Thiadiazole, and Thiazolidine Based Scaffolds*, Heliyon 5 (1), 1-10, Impact factor- 1.65 and UGC reference number - 17185.
16. D. Kumar, P. Singh, A. Jayaraj, **V. Kumar**, K. Kumari, R. Patel (2019), *A Theoretical Model to Study the Interaction of Erythro-Noscapines with nsP3 protease of Chikungunya Virus*, Chemistry Select, 4 (17), 4892-4900, Impact factor- 1.71 and UGC reference number - 48395.
17. **Himanshu Roy** (2019), *Prime Minister's Office in India*, Frontier, Autumn Number, ISSN: 0016-2094.
18. **NK Mahato**, A. Sharma, Y. Singh, R. Lal (2019), *Comparative Metagenomic Analyses of a High-Altitude Himalayan Geothermal Spring Revealed Temperature-Constrained Habitat-Specific Microbial Community and Metabolic Dynamics*, Arch Microbiol, 201:377-388, IF-1.6, UGC Reference Number 8389.

19. **Nityananda Agasti**, A. Maxwell, Astle, A. Graham, Rance, Jesum Alves Fernandes, Jairton Dupont, N. Andrei, Khlobystov (2020), *Cerium Oxide Nanoparticles Inside Carbon Nanoreactors for Selective Allylic Oxidation of Cyclohexene*, Nano Lett., 20, 2, 1161-1171, ISSN: 1530-6992.
20. Vipin K. Maikhuri, **Kapil Bohra**, Smriti Srivastava, Kavita, Ashok K. Prasad (2019), *Click synthesis of N 1 -(b-D-ribofuranosyl)-C 4 -(coumarin-4''-yl)-1,2,3-triazoles*, Synthetic Communications, 49, 22, 3140-3147, ISSN: 1532-2432.
21. D.S. Bisht, **V. Bhatia**, R. Bhattacharya (2019), Improving Plant-Resistance to Insect-Pests and Pathogens: The New Opportunities Through Targeted Genome Editing, Seminars in Cell and Developmental Biology, 96, 65, Impact factor 6.138, ISSN: 1084-9521.
22. **Sachchidanand Tripathi** , Rahul Bhadouria, Pratap Srivastava, **Rajkumari Sanayaima Devi**, Ravikant Chaturvedi, Akhilesh Raghubanshi (2020), *Effects of Light Availability on Leaf Attributes and Seedling Growth of Four Tree Species in Tropical Dry Forest*, Ecological Process, 9 (2), 1-16, <https://doi.org/10.1186/s13717-019-0206-4>.
23. **C. Kalra**, S. Das, R. Kashyap, R. Arora, and B. Rana (2019), Estimating the Effects of Rootonic, A Unique Fungal Preparation on Vigna Radiate Seeds. Res. Jour. Biotechnology; 14(12).
24. **Sachchidanand Tripathi**, Vipin Kumar Singh, Pratap Srivastava, Rishikesh Singh, **Rajkumari Sanayaima Devi**, Arun Kumar, Rahul Bhadouria (2020), *Phytoremediation of Organic Pollutants: Current Status and Future Directions in Abatement of Environmental Pollutants: Trends and Strategies*, Elsevier, pp. 81-105.
25. **Sachchidanand Tripathi**, Pratap Srivastava, **Rajkumari S Devi**, Rahul Bhadouria (2020), *Influence of Synthetic Fertilizers and Pesticides on Soil Health and Soil Microbiology in Agrochemicals Detection, Treatment and Remediation*, Butterworth-Heinemann (Elsevier), pp. 25-54.
26. Pratap Srivastava, Rishikesh Singh, Rahul Bhadouria, **Sachchidanand Tripathi**, Hema Singh, Akhilesh Singh Raghubanshi (2019), *Understanding Soil Aggregate Dynamics and Its Relation with Land Use and Climate Change in Climate Change and Agricultural Ecosystems: Current Challenges and Adaptation*, Woodhead Publishing (Elsevier), pp. 331-354.

27. Rahul Bhadouria, Disha Mishra, Vipin Kumar Singh, Pardeep Singh, Pratap Srivastava, **Sachchidanand Tripathi**, Rishikesh Singh (2020), *Nanocatalyst Types and Their Potential Impacts in Agroecosystems: An Overview in Nano-Materials as Photocatalysts for Degradation of Environmental Pollutants*, Elsevier, pp. 323-344.
28. **A. K. Singh**, Dishu Dawra, Mayank Dimri, Alok K.S. Jha, Rakesh Kumar Pandey and Man Mohan (2020), *Plasma Screening Effects on the Atomic Structure of He-like Ions Embedded in Strongly Coupled Plasma*, Phys Lett. A 384, 126369.
29. Dishu Dawra, Mayank Dimri, **A. K. Singh**, Alok K.S. Jha and Shougaijm Somorendro Singh (2019), *Effect of Dense Plasma Environment on the Spectroscopic Properties of He-like Ca^{18+} ion*, Journal of Atomic, Molecular, Condensate and Nano Physics, 6 (2019) 103-113.
30. **A. K. Singh**, Dishu Dawra, Mayank Dimri, Alok K.S. Jha, Rinku Sharma and **Man Mohan** (2019), *Relativistic Photoionization Cross Section Calculations and Resonance Parameters for Mg-like Se XXIII*, Radiation Physics and Chemistry, 168, 108447.
31. **A. K. Singh**, Dishu Dawra, Mayank Dimri, Alok Jha and **Man Mohan** (2019), *Relativistic Atomic Structure Calculations and Study of Plasma Parameters for Na-like Se XXIV*, Physics of Plasmas, 26, 062704.
32. **A. K. Singh**, Mayank Dimri, Dishu Dawra, Alok Jha and **Man Mohan**, (2019), *Relativistic R-matrix Calculations of Photoionization Cross Sections of Cu XVIII*, European Physical Journal D, 73, 85.
33. **A. K. Singh**, Mayank Dimri, Dishu Dawra, Alok Jha and **Man Mohan** (2019), *Relativistic R-matrix Photoionization Cross Section Calculations of Ne-like Co XVIII with Resonance Parameters*, J. Phys. B: At. Mol. Opt. Phys, 52, 075002.
34. Monika Sharma, Rakhi Narang, **Manoj Saxena** and Mridula Gupta (2019), *Comparative Study of InGaN and InGaAs Based Dopingless TFET with Different Gate Engineering Techniques*, Advances in Natural Sciences: Nanoscience and Nanotechnology, Volume 10, Number 3, 035009, UGC Reference Number: <https://www.scopus.com/sourceid/21100286862>.
35. Avashesh Dubey, Rakhi Narang, **Manoj Saxena**, Mridula Gupta (2019), *Investigation of Total Ionizing Dose Effect on SOI Tunnel FET", Superlattices and*

Microstructures, Volume 133, 106186, Impact Factor 2.385, UGC Reference Number: <https://www.scopus.com/sourceid/21959>.

36. Ajay Kumar Visvkarma Robert Laishram, Sonalee Kapoor, D S Rawal, Seema Vinayak, and **Manoj Saxena** (2019), *Improvement in DC and Pulse Characteristics of AlGa_N/Ga_N HEMT by Employing Dual Metal Gate Structure*, Semiconductor Science and Technology, Volume 34, Number 10, 105013, Impact Factor 2.654 UGC Reference Number: <https://www.scopus.com/sourceid/27191>.

37. **Neha**, Vandana Kumari, Mridula Gupta and **Manoj Saxena** (2019), *Temperature Based Analysis of 3-step Field Plate AlGa_N/Ga_N HEMT Using Numerical Simulation*, Advances in Natural Sciences: Nanoscience and Nanotechnology, Volume 10, Number 4, 045006, UGC Reference Number: <https://www.scopus.com/sourceid/21100286862>.

38. Ajay Kumar Visvkarma, Chandan Sharma, Robert Laishram, Sonalee Kapoor, D. S. Rawal, Seema Vinayak, and **Manoj Saxena** (2019), *Comparative Study of Au and Ni/Au Gated AlGa_N/Ga_N High Electron Mobility Transistors*, AIP Advances 9, 125231, Impact Factor 1.731.

39. Ajay, R. Narang, **M. Saxena** and M. Gupta (2019), *Model of GaSb-InAs p-i-n Gate All Around Bio Tunnel FET*, IEEE Sensors Journal, Vol. 19, no. 7, pp. 2605- 2612, Impact Factor: 3.076, UGC Reference Number: <https://www.scopus.com/sourceid/15047>.

40. B. Saini, S. Sharma, **R. Kaur**, S. Pal, A. Kapoor (2019), *Theoretical Study of the Effect of Polarization Matching Layers on the Shockley–Read–Hall Recombination-Induced Dark Current Density in InGa_N/Ga_N heterostructure Solar Cells*, Journal of Computational Electronics, 18(2), 569-575.

41. Ritika Chopra and **Ratnesh Rajan Saxena** (2019), *Linear Programming Problems with Coefficients as Trapezoidal Intuitionistic Fuzzy Numbers*, Advances in Fuzzy Mathematics, 14(1), pp.-41-54, UGC listed.

42. **S. Kumar** and M. Saini (2020), *On Zeros and Growth of Solutions of Second Order Linear Differential Equations*, Commun. Korean Math. Soc., Vol. 35, No. 1, 229-241, Scopus indexed.

43. **D. Kumar**, **S. Kumar** and M. Saini (2019), *On Solutions of Second Order Complex Differential Equations*, Bull. Cal. Math. Soc., Vol. 111, pp. 331-340 UGC Reference Number 9543.

44. **Lalit Kumar**, *Boli ki Maar*, Jansatta, April 22, 2019
<https://www.jansatta.com/duniya-mere-aage/jansatta-column-duniya-mere-aage-on-language/987712/>
45. **Lalit Kumar**, *A Lost Opportunity*, The Pioneer, May 25, 2019.
<https://www.dailypioneer.com/2019/columnists/a-lost-opportunity.html>
46. **Lalit Kumar**, *The Travels of Damanaka and Karataka: How Translation Builds Bridges Between Culture*, The Hindu, September 29, 2019.
<https://www.thehindu.com/books/the-travels-of-damanaka-and-karataka-how-translation-builds-bridges-between-cultures/article29528264.ece>
47. **Lalit Kumar**, Asli-Nakli ke Beech Pichhadta Prajatantra, Rashtriya Sanskaran, Dainik Jagran, May 9, 2019.
48. **Lalit Kumar**, Hanuman ki Jaati – National Register of Gods, Vyangya Yatra, Ed. Prem Janmejaya, New Delhi, pp 80-81, January-June 2019.
49. **Lalit Kumar**, *Janta ki Maafi*, Kartvyachakra.ed, Manish Jain, New Delhi, p 15, August-September 2019.
50. **Lalit Kumar**, *Dantheen, Vineet aur Saral Shikshak*, Navneet, ed. Vishvanath Sachdeva, pp 157-161, January, 2020.
51. **Lalit Kumar**, Madan Kashyap, *Dalit-Adivasi Poetry in Hindi: An Initiative to Give a Thundering Voice to the Voiceless*, Trans. **Lalit Kumar**, Indian Literature Sahitya Akademi's Bimonthly Journal, Ed. A. J. Thomas, New Delhi: Sahitya Akademi, Vol. LXIII, No. 310, pp 80-87, March-April 2019, ISSN 0019580-4.
52. **Lalit Kumar**, Bipan Chandra, *Eik Aitihāsik Kshanki Chetana*, Trans. **Lalit Kumar**, Hans. Ed. Sanjaya Sahaya, pp 69-70, August 2019, ISSN 2454-4450.
53. **Ankit Rajpal, Anurag Mishra, and Rajni Bala** (2019), *A Novel fuzzy Frame Selection Based Watermarking Scheme for MPEG-4 Videos Using Bi-directional Extreme Learning Machine*, Applied Soft Computing 74 (2019): 603-620, DOI: 10.1016/j.asoc.2018.10.043, Impact Factor: 4.004, UGC Reference Number: 8086.

54. **Ankit Rajpal, Anurag Mishra,** and Khushwant Sehra (2019), A Novel Os-Elm Classifier Based on Hog Feature Extraction and Viola Jones Algorithm for Facial Recognition, *Issues in Information Systems*, 20(2).
55. Rajan Gupta, S.K. Pal, and S.K. Muttoo (2019), Data Analytics for Better Branding of E-Governance and E-Business Systems – Case of Digital India Campaign Leveraging Digital Innovation for Governance, Public Administration, and Citizen Services, IGI Global, Vol 1, Chapter 3, pp 51-79, DOI: <https://www.igi-global.com/gateway/chapter/238950>.
56. Rajan Gupta, and S.K. Pal (2019), *Learning & Developing with each other-Case of Collaborative Innovation through ICT in India & Canada. Leveraging Digital Innovation for Governance, Public Administration, and Citizen Services*, IGI Global, Chapter 6, pp 132-146, DOI: <https://www.igi-global.com/gateway/chapter/238953>.
57. Rajan Gupta, S.K. Muttoo, and S.K. Pal (2020), *Regional E-Governance Development Index for Developing Nations. Digital Government: Research and Practice*, ACM, Vol 1, Issue 2, pp. 1-36.
58. Rajan Gupta, S.K. Muttoo, and S.K. Pal (2019), Meta-heuristic Algorithms for Improving Fuzzy C-Means and K-Means Clustering for Location Allocation of Tele-Centers under E-Governance in Developing Nations, *International Journal of Fuzzy Logic and Intelligent Systems*, 19(4), pp. 290-298, Scopus and UGC Indexed, <https://doi.org/10.5391/IJFIS.2019.19.4.290>.
59. Rajan Gupta, S.K. Muttoo, and S.K. Pal (2019), *A Comprehensive Review of Approaches Used for Solving Tele-Center Location Allocation Problem in Geographical Plane*, *International Journal of Operational Research*, Article in Press, INDERSCIENCE, Scopus and UGC Indexed, <https://doi.org/10.1504/IJOR.2020.10024403>.

PAPERS IN CONFERENCE PROCEEDINGS

1. K. Sehra, V. Kumari, V. Nath, M. Gupta and **M. Saxena** (2019), *Optimization of Asymmetric π Gate HEMT for Improved Reliability & Frequency Applications*, IEEE 9th International Nanoelectronics Conferences (INEC), Kuching, Malaysia, pp.1-4. DOI: 10.1109/INEC.2019.8853857.
2. K. Sehra, V. Kumari, V. Nath, M. Gupta, D. S. Rawal and **M. Saxena** (2019), *Comparison of Linearity and Intermodulation Distortion Metrics for T - and Pi - Gate HEMT*, International Conference on Electrical, Electronics and Computer Engineering (UPCON), ALIGARH, India, 2019, pp. 1, DOI:10.1109/UPCON47278.2019.8980221

3. M. Lakshmi Varshika, Rakhi Narang, Mridula Gupta and **Manoj Saxena** (2019), *Analytical Modeling and Simulation Study of Homo and Hetero III-V Semiconductor Based Tunnel Field Effect Transistor (TFET)*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices. IWPSD 2017, Springer Proceedings in Physics*, Vol. 215. pp 1185-1194, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_181
4. Vandana Kumari, Abhineet Sharan, **Manoj Saxena** and Mridula Gupta (2019), *Study of Extended Back Gate Double Gate Junctionless Transistor: Theoretical and Numerical Investigation*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices, IWPSD 2017. Springer Proceedings in Physics*, Vol. 215, pp 633-642, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_98
5. Rakhi Narang, Gokulnath Rajendran, Mridula Gupta and **Manoj Saxena** (2019), *Analytical Model for Tapered Gate Electrode Double Gate MOSFET Incorporating Fringing Field Effects*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices. IWPSD 2017, Springer Proceedings in Physics*, Vol. 215 pp 697-705, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_108
6. Ajay, Rakhi Narang, **Manoj Saxena** and Mridula Gupta (2019), *Investigation of Sensitivity of Gate Underlap Junctionless DG MOSFET for Biomolecules*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices, IWPSD 2017. Springer Proceedings in Physics*, Vol. 215, pp 717-724, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_110
7. Avashesh Dubey, Rakhi Narang, **Manoj Saxena** and Mridula Gupta (2019), *Floating Gate Junction-Less Double Gate Radiation Sensitive Field Effect Transistor (RADFET) Dosimeter: A Simulation Study*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices. IWPSD 2017. Springer Proceedings in Physics*, Vol. 215, pp 571-576, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_89.
8. Vandana Kumari, **Manoj Saxena** and Mridula Gupta (2019), *Optically Controlled Silicon on Nothing MOSFET-Numerical Simulation*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices. IWPSD 2017. Springer Proceedings in Physics*, Vol 215, pp 1071-1076, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_164.

9. Upasana, Rakhi Narang, **Manoj Saxena** and M. Gupta (2019), *Simulation Study on Stability Aspect of Dual Metal Dual Dielectric Based TFET Architectures Against Temperature Variations*, In: Sharma R., Rawal D. (eds), *The Physics of Semiconductor Devices*, IWPSD 2017. Springer Proceedings in Physics, Vol. 215, pp 649-655, Print ISBN 978-3-319-97603-7, Online ISBN 978-3-319-97604-4, DOI: https://doi.org/10.1007/978-3-319-97604-4_100.
10. Richa Sharma*, Shailendra Narayan Singh, and **Sujata Khatri** (2019), *Data Mining Classification Techniques – Comparison for Better Accuracy in Prediction of Cardiovascular Disease*, 356 Int. J. Data Analysis Techniques and Strategies, Vol. 11, No. 4.
11. Gupta, Rajan, & Pal, S. K. (2019), *Click-Through Rate Estimation Using CHAID Classification Tree Model in Advances in Analytics and Applications*, Conference Proceeding Book of 5th IIMA International Conference on Advanced Data Analysis, Business Analytics and Intelligence, Indian Institute of Management Ahmedabad, Springer, Singapore, pp. 45-58.

ORAL PAPER PRESENTATION

1. **Dr. Nityananda Agasti** presented a paper titled *CeO₂ Inside Carbon Nanostructures for Catalytic Applications* at Indo-UK workshop on Green Chemistry for Societal Needs: Healthcare, Pollution and Circular Economies organized by the University of York and the University of Delhi from December 16 – 18, 2019 at New Delhi.
2. Ms. Vaishali Kapoor presented a paper titled *Economics from Kabir's Lens* in one day National Seminar on Indic Tradition: Legacy of Kabir organised by Deen Dayal Upadhyaya College on October 23, 2019.
3. Ms. Vaishali Kapoor presented a paper titled *The Effect of Economy on Elections* in one day National Seminar on Lok Sabha elections 2019 organised by Deen Dayal Upadhyaya College on March 26, 2019.
4. Dr. Varnika Bhatia presented a paper titled *Oral Presentation on Single Step Synthesis of Fluorescent Carbon Nanoparticles* in the 3rd International Conference on Science & Engineering of Materials (ICSEM-2019) at Sharda University from July 19 – 21, 2019.
5. Ashutosh Mishra, Khushwant Sehra, Sahil, Ajay Joshi, **Poonam Kasturi**, and **Manoj Saxena** got selected to present a paper titled *Memristor Based Cryptographic Information Processing for Secured Communication Systems* at 5th IEEE International

Conference on Devices, Circuits and Systems organized by Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu, India on March 5-6, 2020.

6. **Dr. Mamta Amol Wagh** presented a paper titled *Duals of Some Entire Bicomplex Spaces* at a Mini – symposium in Mathematics organized by the Department of Mathematics, DDUC on February 22 – 23, 2019.
7. **Mr Nitin Luthra** presented a paper titled *Reckoning and Resisting Historical Erasure: A Comparison of the Deposition Scene in Holinshed's Chronicles and Shakespeare's Richard II* at Reckonings, the 2020 University of Cincinnati Graduate Student Conference on February 29, 2020.
8. **Dr. Vandana Sharma** presented a paper titled *India's Global Narratives on Climate Change* in International Conference on Kautilya and Contemporary World- Economy, Strategy, Governance at CPDHE, University of Delhi on March 17, 2019.
9. **Dr. Monika Bnasal** presented a paper titled *The New Age: Artificial Intelligence* in ICSSR sponsored XXI Annual International Conference on the theme Achieving Excellence in Higher Education at DeenDayal Upadhyaya College, New Delhi organized by the Department of Management Studies in association with Delhi School of Planning and Research Studies, GGS Indraprastha University on January 4-5, 2020.
10. **Dr. Kamlesh Kumari** presented a paper titled *Development of a Theoretical Model Using Pyranooxazoles* at India International Science Festival 2019 held at BiswaBagla Convention Centre, Kolkata from November 05 – 08, 2019.
11. **Dr. Veena Jain**, Hitakshi Bansal, and Akansha Jain presented a paper titled *A Failure Mode And Effects Analysis Approach for Prioritization of Retailers Risks in Automobile Industry* in the UGC Sponsored two days National Conference on Emerging Trends in Statistics and Data Sciences (ETSDDS-2019) at Ramanujan College, University of Delhi.
12. Dixita Barua, Akansha Jain, and **Dr. Veena Jain** presented a paper titled *Barrier Analysis for Implementing LARS Principles in Supply Chain Management* in the Logistics Conclave and Conference at IIFT, Delhi.
13. Dixita Barua, Akansha Jain, and **Dr. Veena Jain** presented a paper titled *Analysis of Impediments Hindering the Execution of LARS Principles in Supply Chain Management* in the Indo-French Seminar on Optimization, Variational Analysis and Applications ((IFSOVAA-2020) at BHU.

14. **Dr. R. M. Bharadwaj** presented a paper titled #Me Too, Men Too #The Pride Parades of the LGBTQ+: Examining the Media Reports about the socio-legal implications on these Gender Movements in India at an International Conference held at IMRF Mysore Chapter, Mysore, Karnataka on June 14-15, 2019.

15. **Dr. H. P. Roy** presented a paper titled *Gandhi's Secularism* in a National Seminar on How Gandhi Matters: Assessing the Relevance of Gandhian Solutions for India and the World in the 21st Century organized by Gandhi Research Foundation and Indian Institute of Advanced Study on August 23 to 24, 2019.

16. **Dr. H. P. Roy** presented a paper as speaker titled *Atal Bihari Vajpayee's Idea of Nation* in a Panel Discussion organized by Nehru Memorial Museum and Library on August 16, 2019.

17. **Dr. H. P. Roy** presented a paper titled *Changing Contours of Fiscal Federation in India* organized by Nehru Memorial Museum and Library on June 24-25, 2019.

18. **Dr. H. P. Roy** delivered a public lecture on *Prime Minister's office in India: Congress Years* organized by Nehru Memorial Museum and Library on January 17, 2020.

19. **Dr. Nitumoni Kakati** presented a paper titled *Revisiting of Indic Tradition: A study of Sankaradeva's Philosophy* in a one-day National Workshop on the Indic-Tradition: The Legacy of Kabir, organized by the Department of Political Science, Social Sciences and Humanities, DDU College on October 23, 2019.

20. **Dr. Rajan Gupta**, Dr. S.K. Muttoo, and Dr. S.K. Pal presented a paper titled *Data Analytics Based Techniques for Improvement of E-Governance in Developing Nations* at the PhD Symposium in the first International Conference on Machine Learning, Image Processing, Network Security, and Data Sciences (MIND-2019) at NIT Kurukshetra, India from March 2-4, 2019.

21. **Dr. Rajan Gupta** and Dr. S.K. Pal presented a paper titled *Impact of Social Media on E-Participation of Citizens towards E-Governance Services in Developing Nations like India* in the Doctoral Track of the seventh Pan IIM-World Management Conference (IIM-WMC) at IIM, Rohtak from December 12-14, 2019.

22. Megha Bansal, **Anurag Mishra**, **Arpita Sharma** presented a paper titled *Optimized DWT SVD Based Image Watermarking Scheme Using Particle Swarm Optimization* at

the 2020 International Conference on Computational Science and Its Applications, Italy from July 1-4, 2020.

POSTER PRESENTATION

1. **Dr. Sandeep Kumar** presented a poster titled *Exaggerative Defense Mechanism of Brassica Oleracea Var. Italic L. by Brassinosteroids (24-epiBL and 28-homoBL) Treatments under High Temperature Stress* in the International Conference on Global Perspective in Agricultural and Applied Sciences for Food and Environmental Security (GAAFES-2019) at UGC-HRDC Hall, Kumaun University, Nainital, UK, India on December 1-2, 2019.
2. **Dr. Varnika Bhatia** presented a poster titled *Towards Designer Plants: Emerging Opportunities* in International Conference on Advances in Sustainable Agriculture: Bioresources, Biotechnology, and Bioeconomy at Mansarovar Global University, Bhopal on November 29-30, 2019.
3. **Dr. Varnika Bhatia** presented a poster titled *Metabolic Engineering of Taxol to Enhance its Anti-Cancerous Efficacy* in National Seminar on Recent Trends of Research in Medicinal Plants and Applied Sciences at Ramjas College, University of Delhi, Delhi on March 27, 2019.
4. **Neha**, Vandana Kumari, Mridula Gupta and **Manoj Saxena** presented a poster titled *Numerical Investigation of Gate Field Plate AlGaIn/GaN HEMT with Multi- Recessed Buffer* in CODEC-2019 organised by Institute of Radio Physics and Electronics, University of Calcutta.
5. Mansi Jangra, Mukul Rohilla, Vishlesh Kotarya, Nilamadhab Senapati, Manisha Pal, Roshan Kumar, Nirjara Singhvi, Vipin Gupta, Utkarsh Sood, Rup Lal, **Renu Solanki & Shailly Anand** presented a poster titled *Isolation and Identification of Phenol Degrading Bacterial Isolates from Wastewater Samples Collected from a Coal Based Thermal Power Plant* in the International Conference on Current Trends in Microbiology and Microbiome Research: A Global Perspective (CTM 2019) organized by Indian Network for Soil Contamination Research and MDU at Maharshi Dayanand University, Rohtak, Haryana on October 11-12, 2019.
6. Rupam Kumari, Shallu, Nishi Pant, Vaibhav Saini, Adrija Mohanta, Roshan Kumar, Nirjara Singhvi, Vipin Gupta, Utkarsh Sood, Rup Lal, **Renu Solanki & Shailly Anand** presented a poster titled *PCR Based Detection of Phenol Degrading Bacteria in Wastewater Samples Collected from a Thermal Power Plant in Bihar* in the International Conference on Current Trends in Microbiology and Microbiome Research: A Global Perspective (CTM 2019) organized by

Indian Network for Soil Contamination Research and MDU at Maharshi Dayanand University, Rohtak, Haryana on October 11-12, 2019.

7. **Dr. Sudhir Verma** and Madan Mohan Chaturvedi presented a poster on *Studies on a Murine Model of Sepsis: Epigenetic Modifications of Histones in Systemically Inflamed/ Septic Liver* in ICGEB workshop on Epigenetics of Infectious and Non-communicable Diseases held at Cape Town, South Africa from September 16-19, 2019.
8. **Dr. Sudhir Verma** presented a poster on *Microbes as Alternative Feed Supplements for Aquaculture* in Young Scientist Conclave at the India International Science Festival (IISF), Kolkata from November 05 – 08, 2019.
9. G. Pandey, **Rajan Gupta**, and S.K. Pal presented a poster on Machine Learning & Artificial Intelligence based Resume Matching with Job Description in the Poster Track of the seventh Pan IIM-World Management Conference (IIM-WMC) at IIM, Rohtak from December 12-14, 2019.

PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS ETC.

1. Dr. Nityananda Agasti

- Selected for Researchers Link Workshop offered within the Newton Bhabha Fund, the British Council and participated in the Indo-UK workshop on *Green Chemistry for Societal Needs: Healthcare, Pollution and Circular Economies* organized by the University of York and the University of Delhi at New Delhi from December 16-18, 2019.
- Participated in Faculty Development Programme on *MOOCs and Applications of ICT in Academic and Research Libraries* organized by National Institute of Educational Planning and Administration at NIEPA New Delhi from November 25-30, 2019.
- Participated in ACS workshop on *Greening our Education System: Initiatives for Propagating and Preaching beyond Benign Concepts in Classrooms and Laboratories* at the Conference Centre, University of Delhi on December 19-20, 2019.

2. Dr. Vinod Kumar

- Participated in ACS workshop on *Greening our Education System: Initiatives for Propagating and Preaching beyond Benign Concepts in Classrooms and Laboratories* at the Conference Centre, University of Delhi on December 19-20, 2019.

3. Dr. Sunny Manohar, Dr. Kapil Bohra, and Dr. Jyoti

- Participated in National Conference on *Recent Trends in Chemical Sciences* and RSC Workshop on *Periodic Table: Boon for Mankind* jointly organized by Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College, University of Delhi at Hotel Maidens from August 30 - September 1, 2019.

4. Dr. Varnika Bhatia

- Attended the International Conference *Towards Designer Plants: Emerging Opportunities* International Conference on *Advances in Sustainable Agriculture: Bioresources, Biotechnology & Bioeconomy*, Mansarovar Global University, Bhopal International on 29-30 November, 2019.
- Participated in Workshop on *Advanced Computer-Aided Drug Design and Computational Biology* organized by AIB, Amity University, Haryana SCHRODINGER INC. USA on 21-22 May 2019.
- Participated in UGC-Sponsored Workshop on *MOOC's, E-content Development and Open Educational Resource* organized by CPDHE, UGC-HRDC, University of Delhi on March 13 – 19, 2019.
- Participated in Workshop on *Introductory Evolutionary and Phylogenetic Biology* at Department of Botany, University of Delhi on January 4-5, 2019.

5.Dr. Charu Kalra

- Participated as Co-Chairperson for the session on *Research Paper Presentations on Contemporary Issues - General* at the XXI Annual International Conference on *Achieving Excellence in Higher Education* at Deen Dayal Upadhyaya College, Sector 3, Dwarka, New Delhi on January 4, 2020.
- Attended the refresher course on *Indian Education System Skill Development* organised by CPDKE, University of Delhi from January 3 – 16, 2020.

6.Dr. Sangita

- Participated in one day National Seminar on *Indic Tradition: Legacy of Kabir* organised by Deen Dayal Upadhyaya College on October 23, 2019.
- Participated in one day National Seminar on *Lok Sabha Elections 2019* organised by Deen Dayal Upadhyaya College on March 26, 2019.

7.Dr. Ravinder Kaur

- Attended FDP on *MOOCS and E-content Development* at Deen Dayal Upadhyaya College, University of Delhi from July 13 – 17, 2019.

8.Dr. Poonam Kasturi

- Attended *First Annual Innovation Festival of MHRD's Innovation Cell* at AICTE Headquarters, New Delhi on September 11, 2019.

9.Dr. Sanjay Kumar

- Participated in workshop on *Several Complex Variables* organized by Kerala School of Mathematics, Kozhikode, Kerala from December 9 - 13, 2019.

10.Dr. Poonam Garg, Dr. Mamta Amol Wagh, Dr. Rashmi Gupta, Dr. Amlendu Kumar, Mr. Tarachand Prajapati, and Mr. Ravi Meena

- Participated in *Research Seminar in Mathematical Sciences* organised by the Department of Mathematics, Deen Dayal Upadhyaya College on January 23, 2020.

11.Dr. Mamta Amol Wagh and Dr. Rashmi Gupta

- Participated in hands-on workshop on *Maple* organized by the Department of Mathematics at Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme on November 4, 2019.

12. Dr. Mamta Amol Wagh and Dr. Dinesh Kumar

- Participated in Teachers Enrichment Workshop on *Linear Algebra, Coding Theory and Cryptography* organized by National Centre for Mathematics at Janki Devi Memorial College, Delhi from November 18-23, 2019.

13. Dr. Mamta Amol Wagh

- Participated in a two-day national workshop on *Intellectual Property Rights* organized by the Department of Botany and Zoology, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from August 22-23, 2019.
- Participated in Instructional School for teachers on *Complex Analysis* organized by National Centre for Mathematics at Bhaskaracharya Pratishthan, Pune on May 13-25, 2019.
- Participated in *Mini – symposium in Mathematics* organized by the Department of Mathematics at Deen Dayal Upadhyaya College on February 22-23, 2019.

14. Dr. Vandana Sharma

- Participated in a five-day National Faculty Development Program on *MOOCs and E-Content Development* organised by IQAC, Deen Dayal Upadhyaya College, University of Delhi in collaboration with SWAYAM – an Initiative of MHRD and Consortium for Educational Communication (CEC), the National Coordinator of UGC for non-technology UG and PG courses from July 13 - 17, 2019.

15. Dr. Monika Bansal

- Chaired the technical session 5F: *Research Paper Presentations on Contemporary Issues* at the ICSSR sponsored XXI Annual International Conference on Achieving Excellence in Higher Education held at Deen Dayal Upadhyaya College, New Delhi jointly organized by the Department of Management Studies, Deen Dayal Upadhyaya College, University of Delhi and Delhi School of Planning and Research Studies, GGS Indraprastha University on January 4-5, 2020.
- Co-chaired the technical session 5A: *Research Paper Presentations on Contemporary Issues-Sustainable Development* at the ICSSR sponsored XX Annual International Conference on Global Vision 2030: Challenges and Opportunities at Deen Dayal Upadhyaya College, New Delhi organized by the Department of Management Studies, Deen Dayal Upadhyaya College in association with Delhi School of Planning and Research Studies, GGS Indraprastha University on January 4-5, 2019.
- Attended the UGC sponsored Refresher Course on *Indian Education System and Skill Development (IDC)* organized by CPDHE, University of Delhi from January 03 – 16, 2020.
- Attended a five-day National Faculty Development Program on *MOOCs and E-Content Development* organized by IQAC, Deen Dayal Upadhyaya College, University of Delhi in collaboration with SWAYAM – an Initiative of MHRD and Consortium for Educational Communication (CEC), the National Coordinator of UGC for non-technology UG and PG courses from July 13 – 17, 2019.
- Attended a UGC Sponsored short term course on *MOOCs, E-Content Development and Open Educational Resources* organized by CPDHE, University of Delhi from March 13- 19, 2019.

16.Dr. Deepa Kamra

- Attended an online Refresher Course in *Management* organized by ARPIT on the Swayam portal of MHRD, Government of India from October 2019 – January 2020.

17.Dr. Rakesh Kumar

- Attended UGC sponsored Refresher Course on *Business Management, Commerce, Economics* organized by CPDHE, University of Delhi from June 28 - July 11, 2019.

18.Dr. Renu Solanki and Dr. Shailly Anand

- Participated in the first International Conference on *Integrative Chemistry, Biology and Translational Medicine (ICBTM-2019)* organized by the Centre for Global Health, Hansraj College, University of Delhi and Loyola University Chicago Stritch School of Medicine, USA on February 25 – 26, 2019.
- Attended and completed a Refresher Course with grade A in *Indian Education System and Skill Development (IDC)* organized by Centre for Professional Development in Higher Education (CPDHE-UGC-HRDC), University of Delhi from January 3 – 16, 2020.

19.Dr. Shailly Anand

- Participated in International Conference on *Current Trends in Microbiology and Microbiome Research: A Global Perspective (CTM 2019)* organized by Indian Network for Soil Contamination Research and MDU at Maharshi Dayanand University, Rohtak, Haryana on October 11 – 12, 2019.
- Participated in *Capacity Building Workshop* by Enprendia - Enhancing Female Entrepreneurship in India - Erasmus+ Programme of the European Union at Maharshi Dayanand University, Rohtak, Haryana on October 11, 2019.

20.Dr. Sudhir Verma

- Attended ICGEB workshop on *Epigenetics of Infectious and Non-communicable Diseases* held at Cape Town, South Africa from September 16 – 19, 2019.
- Attended EMBO Symposium on *Engineering meets Evolution: Designing Biological Systems* organized at IIT Madras from January 30 - February 01, 2020.
- Attended Level-III (Writers' Workshop) training program on *Research Based Pedagogical Tools (RBPT)*, organized by IISER, Pune jointly with British Council by a team of trainers from Sheffield Hallam University, UK from January 20 – 23, 2019.
- Attended Pedagogy Workshop at Shri Mata Vaishno Devi University, Katra on March 13, 2019.
- Participated in *Science Writing Workshop* organized by Current Science Association, Bengaluru at National Centre for Polar and Ocean Research (NCPOR) from May 26 - June 02, 2019.
- Selected to participate in *Collaboratively Understanding Biology Education (CUBE) Workshop* organized by Homi Bhabha Centre for Science Education (HBCSE), Tata Institute of Fundamental Research (TIFR), Mumbai from August 16 – 18, 2019.
- Participated in Mini-symposium on *Genetics and Evolution: Intertwined Strands* organized by Indian Academy of Sciences and Ashoka University, Sonapat from September 30 - October 01, 2019.

- Participated in the Faculty Development Program on *Fundamentals of Effective Teaching, Learning and Assessment in Higher Education* at Indian Institute of Science Education and Research (IISER), Bhopal from September 7 – 11, 2019.
- Participated in *Young Scientist Conclave*, India International Science Festival (IISF), Kolkata from November 05 – 08, 2019.
- Participated in *Workshop on Writing Science (WoW)* organized by Science and Media Centre, IISER, Pune from December 09 – 21, 2019.

21.Dr. Renu Solanki, Dr. Shailly Anand & Mr. Nitish Mahato participated in a two-day National Workshop on *Intellectual Property Rights* organized by the Department of Botany and Zoology, Deen Dayal Upadhyaya College, University of Delhi under the aegis of DBT Star College Scheme on August 22 - 23, 2019.

22.Dr. Renu Solanki participated in a three-day workshop on *Research Based Pedagogical Tools (RBPT) for UG level Science Teachers* at Daulat Ram College, University of Delhi from March 25 – 27, 2019.

23.Dr. Priya Goel

- Participated in Training Workshop on *Drosophila and Zebrafish Model Systems* organized by Daulat Ram College, University of Delhi in collaboration with Sanskriti Foundation from May 28 – 31, 2019.
- Attended MHRD (SWAYAM) sponsored Annual Refresher Program in Teaching (ARPIT) on *Climate Change* offered by IISER, Pune from November 2018 - February 2019 and cleared the exam held on March 30, 2019 with A grade.
- Attended the International Conference on *Recent Trends in Engineering, Technology and Business Management (ICRTETBM 2019)* Inbush Era World Summit 2019 held at Amity University from February 20 – 22, 2019.
- Chaired two sessions –one invited talk on *COTS Vendor Selection: A Multicriteria, Intuitionistic Fuzzy Set Approach with TOPSIS Method* and technical session on *Innovation and Recent Trends*.

24.Dr. Renu Solanki, Dr. Shailly Anand & Dr. Priya Goel completed a short-term course on *MOOCs, E-content and ICT* conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi, from June 15 - 21, 2019.

25.Dr. Pramod Kumar

- Participated in a five-day Faculty Development Programme on *MOOCs and E-content Development*, jointly organized with SWAWAM, an initiative of MHRD and Consortium for Educational Communication (CEC), the National Coordinator of UGC for non-technology UG and PG courses held at Deen Dayal Upadhyaya College, University of Delhi from July 13-17, 2019.
- Participated in the National Workshop on *Air Pollution and Health Linkages: Better Understanding for Impact Assessment, Setting Environmental Guidelines and Standards* organised by Indian Association of Air Pollution Control - Delhi Chapter at PHD House, Raunaq Room, August Kranti Marg, New Delhi on June 01, 2019.
- Attended Eco Talk on Environment Day Energy Conservation on the theme *Air Pollution* organised by Petroleum Conservation Research Association (PCRA) at PCRA Head Office, New Delhi on June 04, 2019.

- Participated in a two-day National Workshop on *Intellectual Property Rights* organised by Department of Botany and Zoology, Deen Dayal Upadhyaya College, University of Delhi under the aegis of DBT Star College Scheme during August 22-23, 2019.
 - Participated in the Seminar on *Learning & Scholarship in the Digital World: Opportunities & Challenges* held at College Auditorium organised by College Library, Deen Dayal Upadhyaya College, University of Delhi on March 02, 2020.
 - Participated in the National Workshop on *Ecosystem Adaptation in River Basins* organised by University School of Environment Management, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi during March 4-5, 2020.
 - Successfully completed online certificate course *COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to Support Country Preparedness and Response* organised by World Health Organization Health Emergencies Programme on March 26, 2020.
 - Successfully completed online certificate course *Pandemic Influenza Vaccines: National Deployment and Vaccination Plans* organised by World Health Organization Health Emergencies Programme on March 29, 2020.
25. **Dr. R. M. Bharadwaj** participated in a National Workshop on *Indic Tradition the Legacy of Kabir* organized by Department of Political Science, Deen Dayal Upadhyaya College, University of Delhi on October 23, 2019.

26. Dr. Suman Bala Manchanda

- Participated in a National Workshop on *Indic Tradition the Legacy of Kabir* organized by Department of Political Science, Deen Dayal Upadhyaya College, University of Delhi on October 23, 2019.
- Participated in the International Hindi Conference on Naye Duniya, Naye Bharat and Naye Hindi (New World, New India and New Hindi) organised by Hansraj College, University of Delhi on January 10-11, 2020.

27. Dr. Savita Gautam

- Participated in a National Workshop on *Indic Tradition the Legacy of Kabir* organized by Department of Political Science, Deen Dayal Upadhyaya College, University of Delhi on October 23, 2019.
- Participated in the International Hindi Conference on Naye Duniya, Naye Bharat and Naye Hindi (New World, New India and New Hindi) organised by Hansraj College, University of Delhi on January 10-11, 2020.

28. **Mr. Ashsih Tripathi** participated in a National Workshop on *Indic Tradition the Legacy of Kabir* organized by Department of Political Science, Deen Dayal Upadhyaya College, University of Delhi on October 23, 2019.

30. Dr. Nitumoni Kakati participated in a National Seminar on *Migration of Youth from North-East India to Urban Metros* organized jointly by the Centre for Northeast India, Maharaja Agrasen College and Centre for Northeast India, V.V Giri National Labour Institute, Noida on March 22-23, 2019.

29. Dr. Sujata Khatri

- Participated in Faculty Development Program on MOOCs and E-content Development at Deen Dayal Upadhyaya College from held from July 13-17, 2019.

- Participated in a one-week short term course on MOOCs and E-Content Development organized by UGC-Human Resource Development Centre, Jawaharlal Nehru University, Delhi from October 14 – 19, 2019.

30. Dr. Anuja Soni

- Participated in Faculty Development Program on MOOCs and E-content Development at Deen Dayal Upadhyaya College from held from July 13-17, 2019.
- Participated in a one-week short term course on MOOCs and E-Content Development organized by UGC-Human Resource Development Centre, Jawaharlal Nehru University, Delhi from October 14 – 19, 2019.

31. Dr. Rajan Gupta

- Participated in Winter School in *Artificial Intelligence* at IIT Delhi, India in 2019.
- Participated in *Certification in Tableau* at Ernst Young (EY), Gurugram, India in March 2019.
- Participated in a workshop on *Simplifying Start-up Fund Raising Masterclass* by ET Masterclass, Economic Times, Times Internet Ltd in September 2019.

32. Ms. Deepti Gupta

- Attended Refresher Course in Teaching in Commerce organized by ARPIT on the Swayam portal of MHRD, Government of India. She cleared the test organized by NTA towards completion of the same.
- Participated in the FDP on Structural Equation Modelling Using AMOS & Smart PLS organized by International Management Institute from September 26-28, 2019.

33. Dr. Meghna Aggarwal

- Participated in a five-day Faculty Development Programme on *MOOCs and E-content Development*, jointly organized with SWAWAM, an initiative of MHRD and Consortium for Educational Communication (CEC), the National Coordinator of UGC for non-technology UG and PG courses at Deen Dayal Upadhyaya College, University of Delhi from July 13-17, 2019.
- Participated in a two-day National Workshop on Intellectual Property Rights organised by the Department of Botany and Zoology, Deen Dayal Upadhyaya College, University of Delhi under the aegis of DBT Star College Scheme on August 22-23, 2019.
- Participated in a seminar on Learning & Scholarship in the Digital World: Opportunities & Challenges held at College Auditorium organised by College Library, Deen Dayal Upadhyaya College, University of Delhi on March 02, 2020.

CONFERENCES / WORKSHOPS / SEMINARS ORGANIZED

1. Dr. Anju Agrawal as coordinator organized

- A technical workshop on *Introduction to Robotics* at Deen Dayal Upadhyaya College on August 7, 2019.
- A one-day workshop on *PCB Designing* at Deen Dayal Upadhyaya College on September 17, 2019.
- A one-day workshop on *IOT and Proteus* at Deen Dayal Upadhyaya College on February 17, 2020.

2. Dr. Manoj Saxena as the International Steering Committee Member was a part of the organizing team for the 2019 IEEE International Conference on *Modeling of System*

Circuits and Devices (MOS-AK India 2019). The conference was organized by the joint chapter of CAS/ED Societies IEEE Hyderabad Section, IIT Hyderabad from February 25-27, 2019.

3. Dr. Poonam Kasturi

- Co-convened the Fourth Lecture Workshop on *Trans-disciplinary Areas of Research and Teaching* by Shanti Swarup Bhatnagar Awardees. The workshop was jointly organized by MHRD Institution and Innovation Council (MHRD-IIC) DDUC Chapter and Science Foundation with National Academy of Sciences India, Allahabad –Delhi Chapter, IEEE Electron Device Society (EDS) – Delhi Chapter, IEEE Delhi Section under the aegis of DBT Star College Program from September 27-28, 2019.
- Coordinated Prelims of *IoT Challenge 2020 (4th Edition National Level Event based on Internet of Things (IoT))*. The IoT Challenge was jointly organized by i3indya Technologies, MHRD Institution and Innovation Council (MHRD-IIC) DDUC Chapter and NASI-Delhi Chapter under the aegis of DBT Star College Program as part of the 100th Birth Centenary (1919 - 2019) Celebration of Father of Indian Space Programme - Dr. Vikram A Sarabhai and Dr. A. P. J. Abdul Kalam's birthday to be celebrated as Innovation Day.
- Convened the sixth hands on workshop on *VHDL Programming & Digital Circuit Designing with Implementation on FPGA*. The workshop was jointly organized by MHRD Institution and Innovation Council (MHRD-IIC) DDUC Chapter, National Academy of Sciences India, Allahabad –Delhi Chapter and IEEE Electron Device Society (EDS) – Delhi Chapter, and CoreEL Technologies from October 21-24, 2019.

4. **Ratnesh Rajan Saxena** Coordinated the Mini-Symposium in Mathematics held at Department of Mathematics, DDU College February 22-23, 2019 under DBT Star College Program.

5. Dr. Sanjay Kumar

- Coordinated the Mini-Symposium in Mathematics held at Department of Mathematics, DDU College February 22-23, 2019 under DBT Star College Program.
- Coordinated the IUW (Intensive Undergraduate Workshop) organised by Department of Mathematics, DDU College, Under DBT Star College Program from March 22 – 24, 2019.
- Convened a Faculty Development Workshop on Computing with Words via Fuzzy Logic with Application. The workshop was organized by USERC,

Dehradun in collaboration with School of Computing/ Department of CSE Graphic Era Hill University, Bhimtal Campus and School of CS/IT, Uttarakhand Open University, Haldwani (Uttarakhand) from November 25-29, 2019.

6. Dr. Poonam Garg

- Coordinated three hands on workshops in TORA for B.Sc. Physical Science and Mathematical Science students at Deen Dayal Upadhyaya college under the aegis of DBT Star College Programme on February 21, February 28, and March 7, 2019 respectively.
- Coordinated a one-day hands- on workshop on Latex (level-I) organized by the Department of Mathematics under DBT Star College Scheme on September 6, 2019.
- Coordinated a one-day hands- on workshop on Latex (level-II) organized by the Department of Mathematics under DBT Star College Scheme on September 13, 2019.
- Coordinated a hands-on workshop on Maple organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Program in collaboration with Binary Semantics on November 4, 2019.
- As member of the organizing committee helped in organizing the Mini symposium in Mathematics organised by the Department of Mathematics, Deen Dayal Upadhyaya College under DBT Star College Program on February 22-23, 2019.

7. Dr. Mamta Amol Wagh

- Coordinated three hands-on workshops in TORA for B.Sc. Physical Science and Mathematical Science students at Deen Dayal Upadhyaya College under the aegis of DBT Star College Program on February 21, February 28, and March 7, 2019 respectively.
- Coordinated an invited lecture by Dr. Rashmi Verma on Congruence Relation and Its Applications organized by the Department. of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT star college program on February 1, 2019.
- Coordinated two hands–on workshops on Numerical Methods with Mathematica organized by the Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme on March 6 and March 8, 2019 respectively.
- Co-coordinated the Mini symposium in Mathematics organised by the Department of Mathematics, Deen Dayal Upadhyaya College under DBT Star College Program on February 22-23, 2019.

- Co-coordinated IUW (Intensive Undergraduate Workshop) organised by the Department of Mathematics, Deen Dayal Upadhyaya College under DBT Star College Program from March 22-24, 2019.
- Coordinated a hands-on workshop on Maple software in collaboration with Binary Semantics organised by the Department of Mathematics, Deen Dayal Upadhyaya College under DBT Star College Program on November 4, 2019.
- Coordinated a one-day hands-on workshop each on Latex (Level-I) and Latex (Level-II) organized by the Department of Mathematics, Deen Dayal Upadhyaya College under DBT Star College Scheme on September 6 and September 13, 2019 respectively.
- Coordinated an invited talk by Prof. Sudesh K. Srivastava on Computational Aspects of Big Data on August 5, 2019.
- Coordinated a one-day Research Seminar organised by the Department of Mathematics under DBT Star College Program on January 23, 2020.
- Coordinated a two-day, hands-on workshop in TORA for students of B.Sc. Physical Science under the aegis of DBT Star College Program on March 3 and March 5, 2020.
- Coordinated a one-day Mathematics Training Programme funded by National Board of Higher Mathematics on March 12, 2020.
- Coordinated a one-day undergraduate Research Seminar under the aegis of Harish Chandra Mathematics Society on September 6, 2019.

8. Mr. Tarachand Prajapati as member of the organizing committee helped in organizing

- A workshop on Numerical Methods in September, 2018;
- An invited talk by Dr. Rashmi Verma on February 1, 2019; and
- A Mini Symposium in Mathematics on February 22-23, 2019 organized by the Department of Mathematics under DBT Star College Program.

9. Mr. Ravi Kumar Meena as member of the organizing committee helped in organizing

- An invited talk by Dr. Rashmi Verma on February 1, 2019; and
- A Mini Symposium in Mathematics on February 22-23, 2019 organized by the Department of Mathematics under DBT Star College Program.

10. Dr. Vandana Sharma organised a hands-on workshop on *Bird Nest Making-Indian House Sparrow* in DBT and INSA funded Science Festival Turiyojas organized by Deen Dayal Upadhyaya College, University of Delhi on March 11-12, 2019.

11. Dr. Monika Bansal co-convened the ICSSR sponsored XXI Annual International Conference on the theme *Achieving Excellence in Higher Education* at Deen Dayal Upadhyaya College, New Delhi organized by the Department of Management Studies

in association with Delhi School of Planning and Research Studies, GGS Indraprastha University on January 4-5, 2020.

12. Dr. Anita Gulati

- Convened a one-day hands-on workshop on *Assembly and Use of Foldscope* organized by Department of Zoology, DeenDayal Upadhyaya College under the aegis of Science Foundation on October 18, 2019.
- Convened an Inter-College workshop on *Techniques in Molecular Microbiology*, jointly organized by the Department of Zoology, DeenDayal Upadhyaya College and Acharya Narendra Dev College under the aegis of Science Foundation & DBT Star College Program on February 25, 2020.
Two technical lectures were also organized in association with the Translational Health Science & Technology Institute, Faridabad (THSTI) by Dr.Tarun Kumar Sharma on *Innovations in Diagnostics* and Dr.Chandresh Sharma on *Typhoid Diagnostics*.
- As member of the Advisory committee helped in organizing a five-day National Faculty Development Program on *MOOCs and E-content Development* organized by Deen Dayal Upadhyaya College under the aegis of Internal Quality Assurance Cell in association with SWAYAM – an initiative of MHRD and Consortium for Educational Communication (CEC) from 13 – 17 July, 2019.
- As member of the organizing committee helped in organizing the *Annual Fest* and *Alumini Meet* of the Department of Zoology at Deen Dayal Upadhyaya College on 12-13 April,2019.
- As member of the organizing committee helped in organizing a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.
- As member of the organizing committee helped in organizing Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV) under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 22, 2019.
- As member of the organizing committee helped in organizing *Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BIOSCOPE I)* under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 21, 2019.

13. Dr. Lathika Nair

- Co-convened a one-day hands-on workshop on *Assembly and Use of Foldscope* organized by Department of Zoology, Deen Dayal Upadhyaya College under the aegis of Science Foundation on October 18, 2019.
- As member of the advisory committee helped in organizing a five-day National Faculty Development Program on *MOOCs and E-content Development* organized by Deen Dayal Upadhyaya College under the aegis of Internal Quality Assurance Cell in association with SWAYAM – an initiative of MHRD and Consortium for Educational Communication (CEC) from 13 – July 17, 2019.
- As member of the organizing committee helped in organizing a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.
- As member of the organizing committee helped in organizing *Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV)* under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh on in association with Ramjas College and Acharya Narendra Dev College, University of Delhi October 22, 2019.
- As member of the organizing committee helped in organizing *Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BioSCOPE I)* under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 21, 2019.
- As member of the organizing committee helped in organizing an Inter-College workshop on *Techniques in Molecular Microbiology*, jointly organized by the Department of Zoology, Deen Dayal Upadhyaya College and Acharya Narendra Dev College under the aegis of Science Foundation & DBT Star College Program on February 25, 2020. Two technical lectures were also organized in association with the Translational Health Science & Technology Institute, Faridabad (THSTI) by Dr. Tarun Kumar Sharma on *Innovations in Diagnostics* and Dr. Chandresh Sharma on *Typhoid Diagnostics*.

14. Dr. Renu Solanki

- Coordinated a one-day hands-on workshop on *Assembly and Use of Foldscope* organized by Department of Zoology, Deen Dayal Upadhyaya College under the aegis of Science Foundation on October 18, 2019.
- Convened five-day National Faculty Development Program on MOOCs and E-content Development organized by Deen Dayal Upadhyaya College under the aegis of Internal Quality Assurance Cell in association with SWAYAM –

an initiative of MHRD and Consortium for Educational Communication (CEC) from July 13 to July 17, 2019.

- Convened a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.
- Coordinated *Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV)* under University of Delhi-INSa Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 22, 2019.
- Coordinated *Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BioSCOPE I)* under University of Delhi-INSa Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 21st, 2019.
- Coordinated an Inter-College workshop on *Techniques in Molecular Microbiology* was jointly organized by Department of Zoology of Deen Dayal Upadhyaya College and Acharya Narendra Dev College under the aegis of Science Foundation & DBT Star College Program on February 25, 2020. Two technical lectures were also organized in association with the Translational Health Science & Technology Institute, Faridabad (THSTI) by – Dr. Tarun Kumar Sharma on *Innovations in Diagnostics* and Dr. Chandresh Sharma on *Typhoid Diagnostics*.
- Coordinated Student Training Program on *Metagenomic Studies* organized under MoU between Internal Quality Assurance Cell and PhiXGenPvt. Ltd. Two training workshops were organized: Training Session I on *Isolation of eDNA from Soil and Water Samples* and Training Session II on *In-vitro Amplification of Genes from Environmental DNA* on August 29 and September 9, 2019 respectively.
- As organizing committee member helped in organizing the National Level Lecture Workshop on *Women in Science: A Career in Science* organized under the aegis of MHRD-Institution Innovation Council Deen Dayal Upadhyaya College (DDUC) Chapter, DBT Star College Program and National Academy of Sciences India (NASI) Delhi Chapter on February 26 – 27, 2020.
- Coordinated a session in the Fourth National Level Lecture Workshop on *Trans-disciplinary Areas of Research and Teaching* by Shanti Swaroop Bhatnagar Awardees on September 27 – 28, 2019.

15. Dr. Shailly Anand

- coordinated a one-day hands-on workshop on *Assembly and Use of Foldscope* organized by Department of Zoology, Deen Dayal Upadhyaya College under the aegis of Science Foundation on October 18, 2019.
- Convened a five-day National Faculty Development Program on MOOCs and E-content Development organized by Deen Dayal Upadhyaya College under the aegis of Internal Quality Assurance Cell in association with SWAYAM – an initiative of MHRD and Consortium for Educational Communication (CEC) from July 13 to July 17, 2019.
- Convened a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.
- Coordinated *Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV)* under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 22nd, 2019.
- Coordinated *Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BioSCOPE I)* under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 21st, 2019.
- Coordinated an Inter-College workshop on *Techniques in Molecular Microbiology* jointly organized by the Department of Zoology, Deen Dayal Upadhyaya College and Acharya Narendra Dev College under the aegis of Science Foundation & DBT Star College Program on February 25, 2020. Two technical lectures were also organized in association with the Translational Health Science & Technology Institute, Faridabad (THSTI) by Dr. Tarun Kumar Sharma on *Innovations in Diagnostics* and Dr. Chandresh Sharma on *Typhoid Diagnostics*.
- Coordinated Student Training Program on *Metagenomic Studies* organized under MoU between Internal Quality Assurance Cell and PhiXGenPvt. Ltd. Two training workshops were organized: Training Session I on *Isolation of eDNA from Soil and Water Samples* and Training Session II on *In-vitro Amplification of Genes from Environmental DNA* on August 29, 2019 and September 9, 2019 respectively.
- As organizing committee member helped in organizing the National Level Lecture Workshop on *Women in Science: A Career in Science* organized under the aegis of MHRD-Institution Innovation Council Deen Dayal Upadhyaya College (DDUC) Chapter, DBT Star College Program and National Academy of Sciences India (NASI) Delhi Chapter on February 26 – 27, 2020.

- Coordinated a session in the Fourth National Level Lecture Workshop on *Trans-disciplinary Areas of Research and Teaching* by Shanti Swaroop Bhatnagar Awardees on September 27 – 28, 2019.
- Teacher Coordinator of B.Sc. (Hons.) Zoology Semester II for *Behavioral Science Workshop* organized under DEEKSHARAMBH – Student Induction Program (SIP) by Internal Quality Assurance Cell on February 6, 2020.

16. Dr. Kamlesh Kumari

- Coordinated Student Training Program on *Metagenomic Studies* organized under MoU between Internal Quality Assurance Cell and PhiXGenPvt. Ltd. Two training workshops were organized: Training Session I on *Isolation of eDNA from Soil and Water Samples* and Training Session II on *In-vitro Amplification of Genes from Environmental DNA* on August 29, 2019 and September 9, 2019 respectively.
- As organising Committee member helped in organizing a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.
- As organizing committee member helped in organizing *Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV)* under University of Delhi- INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 22, 2019.
- As organizing committee member helped in organizing *Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BIoSCOPE I)* under University of Delhi- INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 21, 2019.

17. Mr. Nitish Mahato

- As organising Committee member helped in organizing a two-week National Summer Training-cum-Workshop on *Fundamentals of Microbiology (BASIC)* organized by Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme from June 27 to July 12, 2019.
- As organizing committee member helped in organizing *Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV)* under University of Delhi- INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 22, 2019.

- As organizing committee member helped in organizing *Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BIOSCOPE I)* under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi on October 21, 2019.

18. Dr. Priya Goel

- Convened a five-day National Faculty Development Program on MOOCs and E-content Development organized by Deen Dayal Upadhyaya College under the aegis of Internal Quality Assurance Cell in association with SWAYAM – an initiative of MHRD and Consortium for Educational Communication (CEC) from July 13 to July 17, 2019.
- Convened a two-day National workshop on *Intellectual Property Rights (IPR)* organized by Departments of Botany and Zoology, Deen Dayal Upadhyaya College (University of Delhi) under the aegis of DBT Star College Scheme on August 22 – 23, 2019.
- Co-convened a two-day outreach program for Students of Bal Bharti Public School, Dwarka organized jointly by the Department of Zoology, Physics and Electronics under the aegis of NASI-Delhi Chapter, Science Foundation and DBT Star College Program on October 10 -11, 2019.

19. Dr. Sudhir Verma

- Coordinated a session in the Fourth National Level Lecture Workshop on *Trans-disciplinary Areas of Research and Teaching* by Shanti Swaroop Bhatnagar Awardees on September 27 – 28, 2019.
- As an organizing committee member helped in organizing the National Level Lecture Workshop on *Women in Science: A Career in Science* jointly organized by Science Foundation, MHRD-Institution Innovation Council DeenDayal Upadhyaya College (DDUC) Chapter (under the aegis of DBT Star College Program); National Academy of Sciences India (NASI) Delhi Chapter and IEEE Electron Device Society (EDS) Delhi Chapter on February 26-27, 2020.
- Coordinated a two-day outreach program for Students of Bal Bharti Public School, Dwarka organized jointly by the Department of Zoology, Physics and Electronics under the aegis of NASI-Delhi Chapter, Science Foundation and DBT Star College Program on October 10 -11, 2019.
- Coordinated a hands-on workshop on Science Illustrations on January 28, 2020.
- As Co-ordinator-Incubation, coordinated DDUC Hackathon on January 21, 2020.

20. Dr. Veena Jain

- Convened a full day workshop on *Latest Industry Trends in Data Management and AI Implementation*
- Convened *Orientation Program and Career Counselling Session*
- Convened a two-day hands-on workshop on *Design Thinking led Innovations*
- Convened a two-day hands-on training program on *Microsoft Power BI*
- Convened a workshop on *STATCRAFT Software*
- Convened a two-day workshop on *Project Management*
- Convened a two-day hands-on workshop on *Data Analytics Using Python* followed by Hackathon **(DETAILS MISSING FOR ALL EVENTS LIKE DATE, ETC.)**

21. Dr. H.P. Roy

- Convened a one-day National Workshop on *Indic Tradition: The Legacy of Kabir* organized by the Department of Political Science, Deen Dayal Upadhyaya College, University of Delhi, on October 23, 2019.
- Convened a Lecture on *Citizenship (Amendment) Act 2019* organized by Deen Dayal Upadhyaya College, University of Delhi on January 21, 2020.

22. Dr. Nitumoni Kakati

- Co-convened a Lecture on *Citizenship (Amendment) Act, 2019* at Deen Dayal Upadhyaya College, University of Delhi on January 21, 2020.
- As organizing committee member helped in organizing the National Workshop on *Indic Tradition the Legacy of Kabir* organized by the Department of Political Science, Deen Dayal Upadhyaya College, University of Delhi on October 23, 2019.

23. Dr. Sujata Khatri

- Convened the First Industry Academia Workshop on *Learning Web Technologies, JavaScript Libraries, React, Es6, Developing Dynamic, Interactive and Fast Rendering WebPages* for Computer Science students at Deen Dayal Upadhyaya College on February 14-15, 2020.
- Convened the Second Industry Academia Workshop on *Middle Wares, Server-Side Technologies, Creating Web Server and Understanding the End-to-End Application Flow* for Computer Science students at Deen Dayal Upadhyaya College on February 21-22, 2020.

24. Dr. Anuja Soni

- Convened the First Industry Academia Workshop on *Learning Web Technologies, JavaScript Libraries, React, Es6, Developing Dynamic, Interactive and Fast Rendering WebPages* for Computer Science students at Deen Dayal Upadhyaya College on February 14-15, 2020.
- Convened the Second Industry Academia Workshop on *Middle Wares, Server-Side Technologies, Creating Web Server and Understanding the End-to-End Application Flow* for Computer Science students at Deen Dayal Upadhyaya College on February 21-22, 2020.

25. Dr. Ankit Rajpal

- Coordinated a workshop on *Artificial Neural Networks – Inside Out* at Deen Dayal Upadhyaya College, University of Delhi under Data Analytics Club on February 27, 2020.
- Coordinated *Behavioural Science Workshop* as a part of Student Induction Program at Deen Dayal Upadhyaya College, University of Delhi on 20th February 2020.
- Coordinated a workshop on Alexa Lab held under Industry Academia Interaction on at Deen Dayal Upadhyaya College, University of Delhi on January 25, 2020.

26. Dr. Rajan Gupta

- Coordinated a workshop on *Artificial Neural Networks – Inside Out* at Deen Dayal Upadhyaya College, University of Delhi under Data Analytics Club on February 27, 2020.
- Coordinated *Behavioural Science Workshop* as a part of Student Induction Program at Deen Dayal Upadhyaya College, University of Delhi on 20th February 2020.

27. Dr. Arpita Sharma

- Convened a workshop on *Artificial Neural Networks – Inside Out* at Deen Dayal Upadhyaya College, University of Delhi under Data Analytics Club on February 27, 2020.
- Convened the inaugural lecture of Sanganika titled *A Tale of Computer Vision* on September 28, 2020.

28. Dr. Shweta Wadhera

- Convened a workshop on Alexa Lab held under Industry Academia Interaction on at Deen Dayal Upadhyaya College, University of Delhi on January 25, 2020.
- Coordinated *Behavioural Science Workshop* as a part of Student Induction Program at Deen Dayal Upadhyaya College, University of Delhi on 20th February 2020.
- Convened a workshop on Cisco Networking in collaboration with Network Bulls was organized on February, 2020.

29. Dr. Meghna Aggarwal

- Coordinated a lecture on *An Insight into the IT Act, 2000* by Dr. Rajni Jagota, Associate Professor, PGDAV College, University of Delhi on October 22, 2019.
- Coordinated a seminar on Financial Markets by SEBI on September 30, 2019.
- Coordinated a talk on Business Analytics by Mr. K.K. Arya, Regional Finance Lead (CPM) – Planning and Reporting, Finning (UK) Ltd. on November 8, 2019.
- Coordinated a Career Orientation Programme by Life Insurance Corporation of India on September 23, 2019.
- Coordinated the Alumni Interaction Forum inaugural session by Mr. Sanjeev Mehta (Batch 1995), Managing Director (Head, Transaction Banking Sales, Corporate & Institutional Banking, South Asia), Standard Chartered Bank on August 31, 2019.

COLLEGE ACTIVITIES

ANNUAL DAY CELEBRATION (26th APRIL, 2019)

The annual day celebration began with the Chief Guest Shri Vijay Kumar Dev, Honourable Chief Secretary, NCT, Govt of Delhi and Dr S.K. Garg, former Principal and Registrar NIMS University, lighting the lamp to symbolise invocation of knowledge and wisdom. This was followed by a cultural program showcasing the dances of India, comprising a Bharatanatyam performance and the “Maruni Folk Dance”.

Dr H.C. Jain apprised the gathering with the college annual report, and announced that the college was ranked 16th under NIRF. He also informed the audience about our college being selected under Star College Scheme of Department of Bio-Technology (DBT), Government of India. He highlighted achievements of students and faculty and reiterated that hard work, commitment, perseverance and a strong bonding between teachers and students are the key factors in making the institution reach its pinnacle of success.

The chief guest for the occasion, Sh. Vijay Kumar, an IAS officer-1987 batch, who is known for his citizen centric administration and has received the President’s award for best electoral practices motivated the students with pearls of wisdom. He stressed that there is no place for mediocrity and it is all about being true to oneself and to love what one does. He also talked about the role of higher education in serving as centres of excellence.

Dr. S. K. Garg, former Principal of the college also addressed the students. He mentioned about the importance of work ethics and commitment to achieve one’s goals and be the architects of a strong developed nation. He conjured the gathering recollecting the memories of his journey in making this college as one of its kind in the University.

This was followed by the prize distribution to acknowledge the accomplishments of young achievers in the field of academics, sports and extracurricular activities. The event came to a close with a vote of thanks delivered by the Convenor of the event, Dr Vinod Kumar.

ORIENTATION PROGRAM

Admission in a college marks a new chapter in the life of students and they get an opportunity to meet each other and getting familiarized to the campus. This year the orientation programme was spread over two days, 18th July, 2019 for students of Science courses while students of B.Com. (H), B.A (P) and B.A (H) Maths were invited along with their parents on 19th July, 2019.

Our Principal, Dr. H. C. Jain, welcomed the students and apprised them about the facilities and modalities of the institution. He emphasized that the motto of the college focuses on igniting positive changes in a student’s life. Dr. Charu Kalra, Convener, Student activity board familiarized the audience with various societies in the college. She stressed on the need to participate in co-curricular activities. Dr. Anek Goel, Assistant Professor, Department of Physical Education informed the students about the various sport facilities available in the college. He reiterated significance of sports activities to develop mental and physical toughness which is the need of today’s world. This was followed by the orientation of the students by their respective departments and a tour of the Library.

STUDENT INDUCTION PROGRAM

The main purpose of Student Induction Program is to facilitate the new batch of students (2018-19) towards their acclimatization in the new environment and build bonds with fellow students and faculty members.

27th July/ 3rd August, 2019: The students of first year from various courses were taken to War Memorial, India Gate and National Science Centre. The choice of places was done to give an insight to the students about the rich heritage and glorious history of our country. Overall, the day tour was an amalgamation of patriotism and technology; bravery and stupendous designing; duty and dedication, fun and excitement.

FOUNDER'S DAY

Floral tributes were offered to Pt. Deen Dayal Upadhyaya ji on 25th September, 2019. Pt. Deen Dayal Ji was a profound philosopher, organizer par excellence and a leader who had maintained high standards of personal integrity.

This year Shri Prahalad Singh Patel, Hon'ble Minister of State for Culture and Tourism, (Independent Charge), Government of India graced the dias as the Chief Guest. Shri Pravesh Sahib Singh Verma, Member of Parliament; Shri Nand Kishore Garg, Chancellor, Maharaja Agrasen University, Himachal Pradesh; and Dr. Omkar Rai, Director General, STPI, Ministry of Electronics and Information Technology, Government of India were the Guests of Honour. The function was presided over by Dr. D.S. Rawat, Chairman, Governing Body, Deen Dayal Upadhyaya College, University of Delhi.

ACTIVITIES OF SUBJECT SOCIETIES/CLUBS

EK BHARAT SHRESHTHA BHARAT CLUB

The Ek Bharat Shrestha Bharat Club was formed in the college as per the guidelines of UGC and Department of Higher Education. The club at present has 22 members including 5 teachers and 17 students of the college. It organizes programs based on the current partner state of Delhi i.e., Sikkim.

31st January 2020: A visit of Ek Bharat Shrestha Bharat club members and students from various courses of the college was organised to 'Bharat Parv' an event organized by Ministry of Tourism, Govt. of India. The students got a glimpse of the cultural diversity of India. The cultural performances from Kerala, Bihar, Mizoram, Chhattisgarh and Gujarat were worth a watch. Students thronged the Studio Kitchen Area where Indian cuisine preparations were displayed.

26th-27th February, 2020: A two-day event based on Ek Bharat Shrestha Bharat was also organized in the college in association with the North East Cell of the college. The program was inaugurated by our Principal, Dr. Hem Chand Jain. He apprised the audience with the motto of “Ek Bharat Shreshtha Bharat Program” of bringing about the unity and integrity in the country as a whole, to ensure holistic development of the partner states. Inter-college Art competition and Photography competition were organised to mark the occasion. The theme of the competitions was “Culture, place and lifestyle of Sikkim”. On the second day Exhibition based on arts and handicrafts and food items was showcased. The major attractions of the event included annual dance production of EBSB Club (Sikkim Dance); interaction of students with Mrs. Binita Rai, PRO, Sikkim Tourism; audio-visual presentation on tourism, culture and natural resources for the state of Sikkim; photo exhibition of the places, culture and lifestyle of Sikkim; exhibition of handicrafts and handloom items from Assam and Sikkim and food stall was also put up in the college which served the cuisine from Sikkim.

Pamphlets and posters of various tourists’ places, guide maps for travel were placed for the reference of the students and teachers. Culture, traditions, flora and fauna of Sikkim were also represented. Banners/Posters/Photos have been focused on culture, traditions, handicrafts, temples; heritage buildings of the place. The exhibition was a big hit among the students, faculty members and non-teaching staff. Coverage of the EBSBFest-2020 of Deen Dayal Upadhyaya College was seen in Dainik Jagran Newspaper the next day.

NORTH-EAST CELL

27th February, 2020: The North East Cell of the college organized the North East Fest, *Sapientia-2020* in the college. Many programs and competitions were organised in the Fest in order to bring all the students from colleges across Delhi together and keep the culture and sisterhood of North East India alive. The programme began with the address of the Principal, Dr. Hem Chand Jain. Cultural performances from North Eastern states of India included a tribute to Bhupendra Hazarika, Napali dance from Sikkim, Thoibi dance from Manipur, Bamboo dance from Mizoram, GaloMopin dance from Arunachal Pradesh and Bihu dance from Assam. Various inter-college competitions like the folk singing competition, Group folk dance competition, Art competition on the topic: *Cultural diversity in North East India*, and Photography competition on the theme: *Culture, place and lifestyle of North East India*.

An Exhibition depicting the places, culture, lifestyle and scenic beauty of North Eastern states of India was also held throughout the day in the auditorium lounge. A Photo booth depicting the dresses of states of North East was also arranged for the audience and visitors to make people aware of the culture of North Eastern India. Exhibition cum sale on the Handicrafts and Handloom of the states was also put up in the college lounge. The interesting corner was the food stalls of different states of North East where many cuisines were available for the students. A spectacular Fashion Show was also held where ethnic dresses from all the North Eastern states mesmerized the audience. It was an amalgamation of the culture and lifestyle of North Eastern states.

A valedictory function was held in the evening where Dr. Kiranmoy Sarma, Associate Professor, GGSIP University, Delhi was the Guest of Honour. He interacted with the students and cited achievements and problems of North East India. Prize distribution to the winners of the various inter-college competitions concluded the grand event. Students from 21 colleges of University of Delhi participated in various competitions. Coverage of the North East Fest, *Sapientia-2020* of Deen Dayal Upadhyaya College was reported in Dainik Jagran Newspaper the next day.

MHRD INSTITUTION and INNOVATION COUNCIL (MHRD-IIC) DDUC CHAPTER and SCIENCE FOUNDATION

27th-28th September, 2019: 4th Lecture workshop on Trans-disciplinary areas of research and teaching by Shanti Swarup Bhatnagar Awardees was jointly organized with National Academy of Sciences India, Allahabad –Delhi Chapter, IEEE Electron Device Society (EDS) – Delhi Chapter, IEEE Delhi Section *under the aegis of DBT Star College Program*. The two-day lecture series was graced by the following eminent speakers:

Professor Karmeshu, distinguished Prof., Dept. of Computer Science and Engineering, School of Engg., Shiv Nadar University talked on the theme “*Mathematical modeling as a transdisciplinary framework and its applications to neuroscience*”

Dr Jitendra Nath Goswami, Senior Scientist, Physical Research Laboratory, Navrangpura, Ahmedabad spoke on the theme “*Origin and early evolution of the solar system*”

Professor Surendra Prasad, Emeritus Professor, Department of Electrical Engineering, IIT Delhi.

Professor Ajoy Ghatak, Formerly with Department of Physics, IIT Delhi delivered his talk on “*Evolution of quantum theory & entanglement*”.

Prof. Anurag Sharma, Department of Physics, IIT Delhi.

Dr. G. Narahari Sastry, Director, CSIR-North East Institute of Science and Technology, Jorhat spoke on “*Chemistry for a better tomorrow*”.

Professor D. P. Sarkar, Department of Biochemistry, Univ. of Delhi South Campus delivered a lecture on “*Sendai Virus Recruits Cellular Villin to Remodel Actin Cytoskeleton During Fusion with Hepatocytes: Implications in Liver Gene Therapy*”.

Professor Balasubramanian Sundaram, Chemistry and Physics of Materials Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bangalore talked on the theme “*Unreal molecules doing real things in unreal times*”.

Professor Deepak Gaur, Laboratory of Malaria & Vaccine Research, School of Biotechnology (SBT), JNU, spoke about “*Current Status of Malaria Vaccine Development*” Professor Deepak Thankappan Nair, Regional Centre for Biotechnology, Faridabad spoke about “*New answers to old questions regarding long-standing questions about DNA synthesis by DNA polymerases*”.

Over 400 students and faculty members from 20 different colleges across Universities in Delhi and NCR attended the workshop.

17th-18th October, 2019: Prelims of IoT Challenge 2020 (4th Edition National Level Event

based on Internet of Things (IoT)) was jointly organized by i3indya Technologies and NASI-Delhi Chapter *under the aegis of DBT Star College Program*. The competition was organized as a part of 100th Birth Centenary (1919 - 2019) celebration of Father of Indian Space Programme - Dr. Vikram A Sarabhai & Dr. A. P. J. Abdul Kalam's birthday to be celebrated as Innovation Day. Over 100 students from 18 different institutions participated in the event.

14th-21st October, 2019: 6th hands on workshop on “VHDL programming & digital circuit designing with implementation on FPGA” was jointly organized with National Academy of Sciences India, Allahabad –Delhi Chapter and IEEE Electron Device Society (EDS) – Delhi Chapter and CoreEL Technologies which is the Sole Authorized Partner of Xilinx University Program (XUP) in India. 48 students from 8 different colleges attended the program and learnt programming techniques.

2nd November, 2019: Colloquium on "Indian Space Programme: India's Incredible Journey" as part of 100th Birth Centenary (1919 - 2019) of Dr. Vikram A Sarabhai, father of Indian Space Programme was jointly organized with National Academy of Sciences India, Allahabad –Delhi Chapter and IEEE Electron Device Society (EDS) – Delhi Chapter.

Scientists from across the country graced the occasion:

Professor Rajagopal Sridharan, NASI Senior Scientist, Physical Research Laboratory, Ahmedabad delivered the inaugural talk titled “*Chasing the moon*”

Professor Sanjay Mittal, Department of Aerospace Engineering, IIT, Kanpur spoke on the theme “*Re-usable launch vehicles: air intakes of ramjet engines*”.

Dr. P Balarama Rao, Visiting Professor (Hon), National Remote Sensing Centre, Dept of Space, Balanagar, Hyderabad delivered a lecture on “*Radar studies of atmosphere and ionosphere - a historical perspective*”

Mr. Rajeev Jyoti, Deputy Director, Space Application Centre, Ahmedabad spoke about “*Trend in the space borne antenna system technologies for communication, navigation and satellites*”. Over 80 students and faculty members attended the colloquium.

2nd-3rd November, 2019: Dr. Yogieta S Mehra along with MHRD-IIC-DDUC Volunteers won the best pitch and the proposal contest in the IIC Innovation Ambassador Training Series Entrepreneurship Development Program organized by MHRD's Innovation Cell at AICTE HQ, New Delhi

20th December, 2019: Under “Interaction with distinguished experts” program, faculty members of the science departments of the college interacted with Dr Vibha Tandon, Centre for Molecular Medicine, JNU; Dr Narayan Pradhan, Dept. of Material Science, Indian Association of Cultivation of Sciences, Kolkata; Dr Anjali U Patel, MS University of Baroda; Dr Geeta Hundal, Dept. of Chemistry, Guru Nanak Dev University, Amritsar; Dr Ruchi Anand, Dept. of Chemistry, IIT Bombay; Dr PV Bhartam, Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research, Mohali; Dr T Punyamurthy, Department of Chemistry, IIT Guwahati; Dr Lalitha Gurprasad, Dept. of Chemistry, University of Hyderabad; Professor D. S. Rawat, Dept. of Chemistry, University of Delhi and Chairman-College Governing Body and Dr Vandana Singh, DST, New Delhi

15th-31st December, 2019: 16 students (6 students of Shaheed Rajguru College of Applied Sciences, University of Delhi, and 10 students of B. Sc. (H) Electronics of the college) underwent 15-day winter internship, where they were taught basic concepts of microcontroller, how it works and the utility of microcontrollers, sensors and other output devices.

21st January, 2020: DDUC HACKATHON 2020 *under the aegis of DBT Star College Program* was organized. Dr. Sanjeev Singh, Associate Professor, IIC-CIC, University of Delhi; Dr. V K Arora, CEO, IGDTUW Anveshan Foundation, IGDTUW Campus Kashmere Gate, Delhi and Dr. Ashwani Kumar, Assistant Professor, Deptt. of Electronics and Comm., School of Engineering, JNU, were among the distinguished speakers at the event. 130 students from various institutes participated in the event and presented hardware and software solution and business plans for industry relevant problems.

23rd-24th January, 2020: Two-day workshop on Entrepreneurship Awareness Camp was jointly organized with National Academy of Sciences India, Allahabad – Delhi Chapter which was supported by Department of Biotechnology (DBT) Star College Program, National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Govt. of India and Entrepreneurship Development Institute of India (EDII) Ahmadabad, Gujarat. 75 students of Deen Dayal Upadhyaya College and Shaheed Rajguru College of Applied Sciences for Women, University of Delhi attended the camp.

28th January, 2020: Professor Tan visited DBT Star College-cum-MHRD-IIC-DDUC laboratory of the College and interacted with Young Innovators and MHRD-IIC-DDUC Chapter volunteers of B. Sc. Hons Electronics from the college.

29th January, 2020: Lecture series by distinguished experts was organized *under the aegis of DBT Star College Program* and NASI Delhi Chapter which was attended by 300 students and faculty members and addressed by the following experts:

Professor Cher Ming Tan, IEEE Electron Device Society Distinguished Lecturer & Director of Centre of Reliability Science and Technology, CReST Lab, Chang Gung University delivered the inaugural talk on “*Welcome to the world of reliability*”

Shri Sanjeev K Varshney, Adviser/ Scientist G & Head of the International Division (Bilateral cooperation), DST, Government of India spoke on the topic “*Research funding opportunities from DST/SERB*”

Dr. Umesh Kumar Sharma, Scientist E, INSPIRE Program, DST, Government of India talked about the “*INSPIRE Program*”.

21st February, 2020: A group of 80 students and faculty members visited NSIC (a Government of India Enterprise) at Okhla, New Delhi. Students were apprised about the facilities available at NSIC Incubator and India-Korea Technology Centre. The experts provided hands-on-sessions and demonstrations on HiTech areas such as Embedded Systems, PLC, SCADA, and Robotics.

26th-27th February, 2020: On the occasion of National science day, the theme of NSD-2020 at the college this year was "*Women in Science*". The workshop addressed various career options for women in the field of science and showcased the contribution of women scientists and was organized *under the aegis of DBT Star College Program* and supported by National Academy of Sciences India (NASI) Delhi Chapter and IEEE Electron Device Society (EDS) Delhi Chapter.

The two-day event was attended by 650 students and faculty members and various distinguished speakers addressed the gathering included:

Dr. Somdatta Sinha, (IISER) Kolkata, delivered a talk on "*Science at the interface*"

Dr Shinjini Bhatnagar, Professor and Head, Paediatric Biology Centre, Translational Health Science and Technology Institute, Faridabad spoke on "*Interdisciplinary research programmes for diseases with public health implications*"

Dr. Ritu Srivastava, Advanced Materials & Devices Metrology Division, Photonics Materials Metrology Section, CSIR-NPL, New Delhi spoke on the topic "*Green photonics for energy conversion and conservation*"

Prof. Sumathi Rao, FASc, FNASc, Harish Chandra Research Institute, Allahabad talked on "*Phases of topological quantum matter*"

Professor Swagata Dasgupta, FASc, Department of Chemistry, IIT Kharagpur delivered talk on "*Research with green tea polyphenols and proteins*"

Prof. Mridula Gupta, FIETE, SMIEEE, Head, Department of Electronic Science, University of Delhi spoke on "*Advancements in semiconductor device technology: modeling and simulation*"

Prof. Neelima Gupta, Head, Department of Computer Science, University of Delhi talked on the theme "*Women in Computing*"

Dr. (Mrs) Meenakshi Munshi, Advisor/Scientist 'G', Department of Biotechnology, Ministry of Science and Technology, Government of India inspired the students and faculty members about the various opportunities and advances in a very simplified manner which was followed by an interactive session with faculty members during visit to laboratories.

Prof. R. Madhubala, JC Bose National Fellow, School of Life Sciences, JNU delivered a talk on "*Making sense of arginine sensing in leishmania and its host*"

Dr. Mahak Sharma, Associate Professor, Department of Biological Sciences, IISER Mohali spoke on the topic "*Mechanisms regulating endosome-lysosome fusion*".

Dr. Meena Mishra, Scientist-G, Solid State Physics Lab, DRDO, New Delhi held an interactive session

Professor Amita Das, FASc, Department of Physics, IIT Delhi spoke about "*Plasma turbulence: Physics and Engineering challenges*".

ACTIVITIES UNDER THE AEGIS OF DBT STAR COLLEGE SCHEME

Department of Botany [Convener: Dr S.N. Tripathi]

22nd and 23rd August 2019: Two days national workshop on Intellectual property rights was jointly organized by Department of Botany and Department of Zoology. Theme of the workshop included Intellectual Property Rights: Approaches in Contemporary Scenario; Patent laws; Amendments; National and International Conventions; Copyrights and Academic Ethics;

Collaborative Research and Technology Transfer; Traditional Knowledge and Biodiversity Laws. A total of 39 teachers and 45 students from different colleges of University of Delhi, GGSIP University and Amity University participated in the workshop.

The Keynote address was delivered by Dr. Rekha Chaturvedi, Consultant, Chaturvedi & Chaturvedi Consulting, New Delhi (formerly IPR chair, DU) on the topic 'Intellectual Property: The wealth of mind'. This was followed by a special address on IPR by Dr. K. S. Kardam, Senior JC, Patents and Designs, Indian Patent Office, New Delhi. He illustrated the importance of Intellectual Property; patentability assessment and the efforts being carried out by IPO for registration of IPRs. The following renowned experts engaged the participants in interactive sessions throughout the workshop.

Prof. T. C. James, President, National Intellectual Property Organization (NIPO) New Delhi
Dr. Arul George Scaria, Assistant Professor of Law and Co-Director of the Centre for innovation, IP and Competition, National Law University, New Delhi;

Ms. Lucy Rana, Associate Partner of S.S. Rana & Co., New Delhi;

Sh. N. R. Meena, Deputy Controller of Patents and Designs Indian Patent Office, New Delhi;

Dr. Shashank Mauria, IP Practitioner, Former Assistant Director General, Indian Council of Agricultural Research, New Delhi;

Dr. B. S. Balaji, Associate Professor, School of Biotechnology, Jawaharlal Nehru University, New Delhi;

Dr. Malathi Lakshmikumar, Executive Director, Lakshmikumar and Sridharan Attorneys, New Delhi.

13th and 14th September 2019: A two-day field visit was organized for B.Sc. (H) Botany students for collection, identification and classification of wild plants and to train them in herbarium techniques.

11th and 12th November 2019: A training and exhibition on plant resource utilization was organized for the students of B.Sc. (H) Botany. Products from different plants, their processing techniques were learned, and different processed products and their innumerable uses were studied and collected by the students, which was later displayed in an exhibition for students of same and different discipline in the second-floor lounge of the college. Dr. Rajkumari S. Devi convened the training session and guided the students.

17th January, 2020: A hands-on workshop for the students of B.Sc. Life Sciences was organized to train students in plant pigments separation technique. Dr. Sandeep Kumar & Dr. Rajkumari S. Devi were the resource persons of the workshop.

7th February, 2020: A hands-on workshop was organized for B.Sc. Life Sciences students to demonstrate the solvent extraction technique for bioactive components from plant material using Soxhlet apparatus. Dr S.N. Tripathi convened the session.

Department of Chemistry [Convener Dr Vinod Kumar]

19th October, 2019: An experiment on ‘Verification of colligative property- Elevation of Boiling point of Water on addition of various solutes’ was conducted with students of B.Sc.(H) Chemistry Semester V. Sixteen students performed the experiments in eight groups under the guidance of Dr Shashi Saxena and Dr Ratna. The results were collated, discussed and the conclusions drawn from the experiment were useful to the students to understand the concept of colligative properties.

26th February, 2020: A lecture on “*Research with green tea polyphenols & proteins*” was jointly organised under DBT star college scheme, NASI north India chapter sponsored by DST Prof. Swagata Dasgupta from IIT, Kharagpur was the speaker on this occasion.

4th March, 2020: An industrial visit was organised for the students of B.Sc.(H) Chemistry and B.Sc. (Phy. Sc.) with chemistry. Students along with six teachers visited the Moon Beverages Limited (authorised bottler of the Coca-Cola Company), Greater Noida, U.P.

Department of Electronics [Convener: Dr Poonam Kasturi]

27th-28th September, 2019: 4th Lecture workshop on Trans-disciplinary areas of research and teaching by Shanti Swarup Bhatnagar Awardees was jointly organized with National Academy of Sciences India, Allahabad –Delhi Chapter, IEEE Electron Device Society (EDS) – Delhi Chapter, IEEE Delhi Section *under the aegis of DBT Star College Program*. The two-day lecture series was graced by the following eminent speakers:

Professor Karmeshu, distinguished Prof., Dept. of Computer Science and Engineering, School of Engg., Shiv Nadar University talked on the theme “*Mathematical modeling as a transdisciplinary framework and its applications to neuroscience*”

Dr Jitendra Nath Goswami, Senior Scientist, Physical Research Laboratory, Navrangpura, Ahmedabad spoke on the theme “*Origin and early evolution of the solar system*”

Professor Surendra Prasad, Emeritus Professor, Department of Electrical Engineering, IIT Delhi.

Professor Ajoy Ghatak, Formerly with Department of Physics, IIT Delhi delivered his talk on “*Evolution of quantum theory & entanglement*”.

Prof. Anurag Sharma, Department of Physics, IIT Delhi.

Dr. G. Narahari Sastry, Director, CSIR-North East Institute of Science and Technology, Jorhat spoke on “*Chemistry for a better tomorrow*”.

Professor D. P. Sarkar, Department of Biochemistry, Univ. of Delhi South Campus delivered a lecture on “*Sendai Virus Recruits Cellular Villin to Remodel Actin Cytoskeleton During Fusion with Hepatocytes: Implications in Liver Gene Therapy*”.

Professor Balasubramanian Sundaram, Chemistry and Physics of Materials Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Jakkur, Bangalore talked on the theme “*Unreal molecules doing real things in unreal times*”.

Professor Deepak Gaur, Laboratory of Malaria & Vaccine Research, School of Biotechnology (SBT), JNU, spoke about “*Current Status of Malaria Vaccine Development*” Professor Deepak Thankappan Nair, Regional Centre for Biotechnology, Faridabad spoke about “*New answers*”

to old questions regarding long-standing questions about DNA synthesis by DNA polymerases”.

Over 400 students and faculty members from 20 different colleges across Universities in Delhi and NCR attended the workshop.

17th-18th October, 2019: Prelims of IoT Challenge 2020 (4th Edition National Level Event based on Internet of Things (IoT)) was jointly organized by i3indya Technologies and NASI-Delhi Chapter under the aegis of DBT Star College Program. The competition was organized as part of 100th Birth Centenary (1919 - 2019) Celebration of Father of Indian Space Programme - Dr. Vikram A Sarabhai & Dr. A. P. J. Abdul Kalam's Birthday to be Celebrated as Innovation Day. Over 100 students from 18 different institutions i.e. Bharti Vidyapeeth College of Engineering, Shaheed Rajguru College of Applied Science for Women, Sri Aurobindo College, Manav Rachna University, Acharya Narendra Dev College, NIT Hamirpur, Guru Tegh Bahadur Institute of Technology, NSUT (New Delhi), Ambedkar Institute of Advances Communication Technology and Research, Maharaja Agrasen Institute of Technology, Maharaja Agrasen College (DU), Sri Venkateswara College, LNM Institute of Information and Technology, ABESIT (Ghaziabad), Rajdhani College, Shri G. S. Institute of Technology and Science (Indore), HMR ITM, GGSIPU (Delhi) and Deen Dayal Upadhyaya College participated in the event.

14th – 21st October, 2019: Sixth Hands on Workshop on VHDL Programming & Digital Circuit Designing with Implementation on FPGA was jointly organized with National Academy of Sciences India, Allahabad –Delhi Chapter and IEEE Electron Device Society (EDS) – Delhi Chapter and CoreEL Technologies which is the Sole Authorized Partner of Xilinx University Program (XUP) in India. 48 students of Zakir Hussain Delhi College, Sri Aurobindo College, Sri Venkateswara College, University School of Information Communication and Technology, GGSIPU, Deen Dayal Upadhyaya College, Shaheed Rajguru College of Applied Sciences for Women and Acharya Narendra Dev College, University of Delhi attended the program and learned ISE and Vivado design flow; debugging HDL designs; Configured FPGA and verification of hardware operation using NEXYS 4DDR FPGA Boards from *Xilinx*.

15th -31st December, 2019: Six students of Shaheed Rajguru College of Applied Sciences, University of Delhi, and ten students of B. Sc. Hons Electronics underwent 15 days winter internship organised to impart basic concepts of microcontroller, how its work and what one can do with Microcontrollers and different types of sensors and some other output devices such as led matrix, ICD etc. Students used Arduino uno board which uses Atmega328P Microcontroller that is easy to program and easy to interface different kind of sensors and output devices.

21st January, 2020: DDUC HACKATHON 2020 Under the Aegis of DBT Star College Program was organized in Computer Centre, Deen Dayal Upadhyaya College. The inaugural talk was delivered by Dr. Sanjeev Singh, Associate Professor, IIC-CIC, University of Delhi, Network Fellow - EU-India Cross Cultural Innovation Network and Commonwealth

Partnership for Technology Management (London) Member-Electropreneur Park, University of Delhi and External Expert-MHRD IIC DDUC Chapter. Second talk was delivered by Dr. V K Arora, Chief Executive Officer, IGDTUW Anveshan Foundation, IGDTUW Campus Kashmere Gate, Delhi and the last talk was delivered by Dr. Ashwani Kumar, Assistant Professor, Dept. of Electronics and Communication., School of Engineering, JNU, New Delhi. Over 130 students from Indira Gandhi Delhi Technical University for Women, Bharati Vidyapeeth's College of Engineering, New Delhi, Jamia Millia Islamia, Jaypee Institute of Information Technology (Noida), Galgotia University (Greater Noida), Galgotia University (Greater Noida), Dronacharya Group of Institutions (Greater Noida), Bhaskaracharya college of applied sciences, Daulat Ram College, Sri Guru Gobind Singh College of Commerce, Maharaja Agrasen College, Bhagni Nivedita College, Kalindi College, Dyal Singh College and Deen Dayal Upadhyaya College participated in the event and presented hardware and software solution and business plans for industry relevant problems as laid down by .

28th January, 2020: Professor Tan visited DBT Star College-cum-MHRD-IIC-DDUC Lab. of the College and interacted Young Innovators and MHRD-IIC-DDUC Chapter Volunteers of B. Sc. Hons Electronics, Deen Dayal Upadhyaya College, University of Delhi New Delhi.

Department of Mathematics

[Program Coordinators: Dr. Mamta Amol Wagh and Dr. Poonam Garg]

5th August, 2019: Dr Sudesh K. Srivastav, Professor and Fulbright-Nehru Senior Scholar, Department of Biostatistics & Data Science Tulane University New Orleans, LA, USA was invited for a talk on “*Computational aspects of Big Data*”. The talk was attended by 158 students of different departments (Mathematics, Computer Science, BMS, and Electronics) of our college.

6th September 2019: One-day hands-on workshop on “LATEX- (level I)” was organized to encourage the students of program courses to learn about Latex. 43 students participated in the workshop and had access to computing facilities with this software. Dr. Rashmi Gupta was the resource person.

13th September 2019: A one day hands-on workshop Latex (level- II) was organised. 41 students attended the workshop. Dr. Rashmi Gupta was the resource person.

4th November, 2019: A hands–on workshop on Maple in collaboration with Binary Semantics was organized. It was for both students as well as teachers to learn solutions of differential equations, convergence of Sequence, series and various Numerical methods through Maple. 16 students and 4 teachers attended the workshop.

23rd January 2020: Research Seminar in Mathematical Sciences was organised. The distinguished speakers included Professor E. K. Narayanan, IISc. Bangalore who is a well-known authority in Harmonic analysis and Prof Kaushal Verma (Shanti Swaroop Bhatnagar Awardee) from IISc, Bangalore well-known for his work in several complex variables. The list

of participants included post-graduate, M.Phil., and Ph.D. Research Scholar along with faculty members from the disciplines of mathematics, operations research, statistics and computer sciences. The seminar was jointly convened by Dr. Sanjay Kumar and Dr. Mamta Amol Wagh.

3rd and 5th March, 2020: A two-day hands-on workshop on “Tora” was organised. The workshop was organised for B. Sc. Physical Science students. Students learnt different methods to solve Transportation Problem, Assignment problem and Network models. This workshop was conducted to encourage the students of programme courses to take improve their knowledge of solving different LPP using the software Tora. Mr. Ravi Kumar Meena was the resource person for the workshop.

Department of Zoology [Convener: Dr. Sudhir Verma]

30th May, 2019: A visit to National Institute of Immunology (NII) was organized under “One day Science Popularization Program”

27th June to 12th July, 2019: Two-week National level Inter-college Summer Training-cum-Workshop titled “Fundamentals of Microbiology (BASIC)” was organized under the convenorship of Dr. Shailly Anand & Dr. Renu Solanki

September 09, 2019: A student training program on “Metagenomic Studies” and “In vitro amplification of genes from environmental DNA” was organized under MoU between IQAC and PhiXGen Pvt. Ltd. Dr. Kamlesh Kumari convened the program and Dr. Shailly Anand and Dr. Renu Solanki were the coordinators.

30th September and 1st October, 2019: An outreach activity was arranged to Ashoka University for a Mini-symposium on “Genetics and Evolution: Intertwined Strands” jointly organized by Indian Academy of Sciences and Ashoka University (Conveners: Dr. Sudhir Verma and Dr. Priya Goel)

10th - 11th October, 2019: Two-day outreach program for Students of Bal Bharti Public School, Dwarka was organised jointly by Department of Zoology, Physics and Electronics under the aegis of NASI Delhi Chapter, Science Foundation and DBT Star College Program. (Coordinator, Zoology: Dr. Sudhir Verma; Co-Convenor: Dr. Priya Goel)

21st – 22nd October, 2019: Chapter 1 DDUC of Biar Initiative comprised a school outreach program for Enrichment I (BIOSCOPE I) under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi. Chapter 2 of this program titled Bani School Innovation Camp-IV (BaSIC IV) was organised at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya

Narendra Dev College, University of Delhi. (Coordinators: Dr. Shailly Anand & Dr. Renu Solanki)

8th January, 2020: A visit was organised to National Institute of Immunology (NII), Delhi for DBT-BIRAC Leadership Dialogue Series Lecture by Dr. Eric Green on the theme “From the Human Genome Project to Precision Medicine: A Journey to Advance Human Health”. (Convener: Dr. Priya Goel, Coordinators: Dr. Kamlesh Kumari and Dr. Nitish Mahato)

28th January, 2020: Hands-on workshop titled “Science Illustrations” by Dr. Ipsa Jain (Freelancer science illustrator @ipsawonders) was organized. (Coordinator: Dr. Sudhir Verma)

1st February, 2020: Educational visit to Zebrafish facility at Institute of Genomics and Integrative Biology (IGIB) was organised. The students also attended a technical lecture by Dr. Sridhar, Scientist (IGIB) on the theme ‘Zebrafish: A model organism’. (Convener: Dr. Priya Goel)

17th February, 2020: Campus Bird Count and introductory lecture by Ms. Misha Bansal (Coordinator for Campus Bird Count, Delhi and Project Fellow, CEDAR) was organized. (Conveners: Dr. Sudhir Verma and Dr. Priya Goel)

5th March, 2020: An educational visit to National Institute of Health and Family Welfare (NIHFW), New Delhi was organised. (Conveners: Dr. Priya Goyal and Dr. Anina James)

Robotics Club [Convener: Dr Anju Agarwal]

24th July, 2019: An orientation programme was organized to introduce to the new batch various realms of robotics and acquaint them with the activities of the club. The students were motivated to undertake project-based learning by being a part of the Club.

8th August 2019: The club organized an exhibition of real time projects made by its members. The highlight of this event was a demonstration of 3d printer, XY-plotter, walking bot, robotic arm, hexapod, Auto tap, Smart Home, wireless controlled bots, Firebird V, Spark V and many more projects. The students were amazed to see these working models and inspired to do worthwhile projects for society.

22nd and 27th August, 2019: A technical workshop on the theme “*Introduction to ARDUINO and Bluetooth Controlled Bots*” was organised. More than 100 students attended the workshop and sessions were successfully conducted by the student Coordinators. Many projects using different kinds of sensors and actuators were made by the participants.

17th September 2019: A one-day workshop on “*PCB Fabrication*” was conducted. It enabled the students to design the customized PCB for their robotics’ projects.

27th September, 2019: A one-day workshop titled “*3D Modelling for Beginners*” was organised. The fundamentals of the solid modelling with Fusion 360 were introduced to the participants enabling them to create 3D models.

7th November, 2019: Robo Carnival was organised wherein the students designed several games like RoboMaze, RoboSoccer, Laser Turret, KBC (Kaun Banega Cash peep), Fast and Furious, Sumo Shutdown etc.

9th-10th November, 2019: Under the outreach program of the club, a two-day workshop on “*Design and Development of Sensors Guided and Bluetooth Controlled Bots*” was conducted at the School of Engineering, JNU. This initiative was taken by Dr. Anju Agrawal and Dr. Ravinder Kaur along with student coordinators of the club. The event turned out to be a great success with overwhelming response from the students.

17th February, 2020: One-day inter college workshop on ‘*IOT and Proteus*’ was conducted. Learning the software, ‘Proteus’ paved a way for the students to simulate their projects before actually implementing it. The participants created interesting real time quintessential projects. The workshop was an inordinate success.

Career Counselling and Placement Cell

[Convener: Dr Monika Bansal]

During the academic session 2019-20, organizations like Jaro Education, KPMG Global Services, WIPRO Ltd. E&Y GDS, Chegg India, Vedang Consultancy, TresVista, Genpact, TravClan, Ken research, Royal Bank of Scotland, DeltaX, Infosys, FEIO, Concentrix, L& T, Gartner, D.E Shaw Group visited the campus and offered final placements to 81 students. Final result of few of the companies is yet to come.

More than 50 students secured internships in leading companies. Students were also sent to various Job/Internship fairs organized at different other colleges of University of Delhi.

To facilitate students, the placement cell organized following workshops, seminars, career counselling and training sessions by prominent resource persons:

24th July, 2019: induction program for the first year students was organized under the Student Activity Board. The program saw a footfall of 300+ first year students from various streams. The program provided an insight into the corporate world and recruitment processes, the importance of skill building, internship experience and career development. The team ensured audience participation through interactive self-evaluation by the students.

26th July, 2019: AECC Global, a student placement and higher education consultancy organized a seminar for the second and final-year students of the college to create awareness about the options of overseas education program. It was a highly interactive and dynamic session which was attended by around 75 students who greatly benefited from the insights provided by the speakers.

27th July, 2019: A career counseling session was organized by Optizone- Operational Research Society of the college. It was organized by inviting a team of 7 experts from Cargo Flash Infotech Pvt. Ltd. to make students coherent with a career in operational research. The event was led by the Convener of the society, Dr. Veena Jain.

9th August, 2019: - A seminar on personality development was organised in association with Ms. Meenal Narula, a communication coach, soft skill trainer and a certified image consultant. The session involved group activities, most notably the personality trait test at the beginning as the speaker took 4 volunteers from the crowd. The interactive discussions proved to be a very helpful learning experience for the students. Around 120 students from all years and various courses in attendance.

13th August, 2019 - UpperCase Resume, a resume and CV preparation consultation company based in the United States, conducted a seminar in the college about the same. The seminar was headed by Ms. Yasmin. Various topics were covered common resume mistakes, how to make a professional CV and categorizing the information under different heads. Around 110 students from various courses attended the seminar and clarified their doubts/queries towards the end.

22nd August, 2019: INGLU Global, organised a workshop for the students with a view to educate the students on the basics of group discussion and personal interview and how to prepare for them. The session was conducted by Mr Ansh, Founder of INGLU Global who has had the experience of overseeing GD-PI training in SRCC and Hansraj and also been a guest speaker in Zakir Husain College and Jesus and Mary College. The seminar was attended by close to 100 students.

9th September, 2019: The Placement Cell conducted group discussion sessions for the third-year students. The session was headed by the Placement Cell convener, Dr. Monika Bansal. The session focused on intricacies of group discussion followed by a mock GD and making constructive suggestions to the students.

24th September, 2019: - The Training and Career Cell of Department of Management Studies, Deen Dayal Upadhyaya College organized a workshop on "Careers in management education and required skills" for undergraduate students on 24 September 2019. The workshop was conducted by Prof. Vinay Nangia (Emeritus professor, NSUT Dwarka and IIT Roorkee). He is an illustrious alumnus of BHU having over 45 years of managerial experience in banking, finance and industry. He shared his global industrial experience and talked about the importance of building a good CV and common mistakes that people make on their resumes.

24th September, 2019: Ashoka University conducted its seminar in collaboration with the Placement Cell to address the students and create awareness about their Young India Fellowship program. The seminar aimed to deliver all the information about faculty, infrastructure, curriculum, opportunities, projects and placements. The last part of the presentation focused on fee structure; scholarship opportunities available to students as well as their admission related queries. The seminar was about 50 minutes long and was attended 75+ students.

24th September, 2019: International Institute of Health Management Research (IIHMR) conducted a seminar to highlight the career opportunities in the health management sector. 3 speakers from the organization presented a one-hour talk covering the various benefits of

choosing health management services as a career. Students from all the streams took active participation in the seminar. It was a highly interactive and dynamic session which was attended by 75 students.

3rd November, 2019: A lecture on “*Career opportunities and challenges after graduation*” was organized where Dr. Jagdish Singh, Assistant Professor in Department of Political Science, Satyawati College, University of Delhi apprised the students about various options available to students after graduation.

7th February, 2020: The Placement Cell conducted skill building session for the placement team. The session was headed by the core committee consisting of Parth Sethi (President), Keshav Makker (Vice-President), Karan Arora (Vice-President). The session included a time-based case-study on the topic “*Creating a new product using 2 existing products*” and honing power point presentation skills.

10th February, 2020: "Cisco Networking Workshop " was conducted by the department of Computer Science. A group of 40 students from BSc. (H) (Comp.Sc.) and B.Sc.(PS/CS) attended the workshop. Mr. Alphish Jaswant Dhengre, who is a Cisco certified trainer, was the resource person of the workshop. He enlightened the students about the latest trends in the field of networks.

13th February, 2020: A counseling session was organized for the students of Life Sc. and Botany. Counselor Ms. Upasana Kaura, who is also associated with Hindustan Times group spoke on the theme “*How to overcome various challenges being faced by students.*” It was followed by interactive session, where students freely discussed their problems with the counselor.

17th February, 2020: A seminar on career opportunities and challenges after graduation for students of Mathematics was organised by Dr Sudha Arora. The speakers of the seminar were the alumni of the Mathematics Department of Deen Dayal Upadhyaya College: Mr. Amit Mittal, Assistant Professor in Mathematics, ARSD College and Mr. Virendra Singh Bisht, Technology Consultant, AON Consulting Ltd. They spoke on how mathematics is the common language of many subjects such as economics, finance, accounting, physics etc. Students also asked and clarified their doubts regarding available career options.

ALUMNI COMMITTEE [Convener: Dr Renu Agarwal]

30th August, 2019: Department of Physics organised an interactive talk under the Alumni Interaction Program with Dr. Surbhi Gupta, who is currently working as an Assistant Professor at the Graduate School of Computer Science & System Engineering, KIT, Japan. She addressed the students on the theme “*Spin Transport Measurement Techniques for Metallic Bilayer Structures*”.

31st August, 2019: An interactive session was organised with Mr Pawan Kumar, Assistant Professor, Maitreyi College. He is an alumnus of the department of Mathematics. Students preparing for competitive exams benefitted from this lecture.

31st August, 2019: The department of Commerce initiated an Alumni Interaction Forum 'Samvad' with an aim to let its alumni be the mentors to the current students as a new incumbent in the corporate sector. Mr. Sanjeev Mehta (batch 1995), Executive Director, Transactions Banking and Head-cash management, Standard Chartered Bank, India was invited for an interactive talk. He shared his first-hand experience with nearly 300 students of the department on the topic '*Banking Sector: Embark on this Wondrous Road Ahead and Hunt the Imperatives of Being a Good Banker*'.

During August 2019, Dr Arpita Sharma organised an alumni interaction for the students of B.Sc. (Math Sc). She invited the alumni, Ms Debi Paul, Mr Mohit Saini (2016-19) and Mr Jitender Kumar (2015-18), who are pursuing their M Sc (OR) at present. They talked to the students about the preparation required for securing post-graduate admissions, future prospects of the course and job opportunities for OR students.

16th September, 2019: The department of Electronics organised an alumni interaction titled '*Start with a dream, finish with the future*' with Mr. Rahul Soni (2012-15), Co-founder, Trydan Clean Tech Pvt. Ltd. He spoke about '*Charging stations and different kinds of power sources.*' This was followed by Ms. Tanvi Sachdev, Sr. Software Engineer, five 9, California, U.S.A who spoke on different career options available for the students and how improving ones programming skills and knowledge of different software packages help the students getting good placements.

3rd October, 2019: An alumni interaction session was held by the department of Botany and four alumni from various professional realms were invited to talk to the present undergraduate students. Mr. Vivek Tripathi (Railway; Civil Services), Mrs Rakhi Solanki (Psychotherapist), Mrs Upasana (school teacher) and Mr. John Momo (Ph.D. student) interacted and motivated the students to follow their passion and intuition in their career.

23rd October 2019: Department of Zoology invited Kartikeya, the student of B.Sc.(H) Zoology batch 2018-19 for an interaction with the current batches of B.Sc.(H) Zoology. He stepped into the shoes of a quiz master in a quiz competition and also shared his insights as part of the alumni interaction program.

3rd January, 2020: The department of Chemistry invited its alumni for an interaction with the students. Ms Sushmita Yadav (Pursuing Ph.D., from DU); Mr Kusharga Yadav (Pursuing Ph.D. from NPL, New Delhi) and Mr Anuj Kumar (pursuing Ph.D. from University of Bonn, Germany) graced the occasion and interacted with the students.

6th January, 2020: Department of Management Studies organised an alumni interaction with Vibhu Sehgal (Batch of 2019) on the topic '*How to make your CV stand out?*' He had secured campus placement at TresVista with a pay package more than 6 lacs p.a. He relocated to Pune

for work and while on the job cracked CAT with exceptional score. He highlighted the need to be aware of the changing times and how a social internship not only enriches the CV but also introduces the students to a whole new perspective towards life.

20th January, 2020: Department of Management Studies organised an alumni interaction was with Anukriti Garg (Batch of 2017) on the topic '*Building a career in social work*'. She developed keen interest in social work projects during her graduation. She had interned with a few NGOs like Make a Difference, Jamghat, KSCF, Manthan etc. After completion of graduation, she joined VSO, UK and worked as a facilitator with children and youth. During her interaction with the junior batch, she focused on how individual interests should not be allowed to perish under the burden of peer pressure and social compulsions. She encouraged the students follow their instinct and passion in order to avoid burnouts and emotional fatigue. She shared her experience of spending 3 months at a village community and learning about the rural life and its challenges. The students enquired about how they could work with NGOs and what would be the skill set required for it.

19th February, 2020: Department of Social Sciences and Humanities organized an alumni interaction and invited Mr Atul Gupta, Chief Sub-Editor, India News, delivered a lecture on '*How to build a carrier on media and communication*'. He has an experience of 7 years in the media field.

ADD-ON COURSES

- **FOREIGN LANGUAGE CENTRE** [In charge: Dr Jayini Adhyapak]

During the academic year 2019-20, the college offered part-time Certificate Course of 1 year in four languages German, Spanish and French (affiliated to the Department of Germanic and Romance Studies, University of Delhi) and Russian (affiliated to Department of Slavonic & Finno-Ugrian Studies, University of Delhi) for students of University of Delhi as well as others.

With the prompt support of Principal Dr. Hem Chand Jain and Foreign Language Coordinator Dr. Jayini Adhyapak the admission process began in the month of July 2019. A total of 119 students were admitted to the language courses for the academic year 2019-20. The college allotted special classrooms with full multimedia facility with separate rooms for all courses. The classes were held three days in a week in the morning between 7 a.m. to 9 a.m. (6 hrs. per week) under the supervision of the college administration and Nodal Dealing Assistant Ms Garima Priya throughout the session. The experienced teaching faculty members recommended by University of Delhi were Mr. Ajeet Yadav for Spanish, Ms. Komal Kalia for German, Ms. Maitree Chatterjee for French and Ms. Neerja Anand for Russian language.

Throughout the year interactive sessions were organised with the respective teacher in the form of songs, role play, movie screening and speaking practice through games & conjugation and much more. The students of Spanish language course celebrated Spanish festivals like El día español (Spanish day), Dia de los muertos, Sanfermin etc. They also attended conferences based on Indo – Spain culture. The students visited the Instituto Cervantes in Connaught place, Delhi where they got a chance to taste Spanish food and wine and also met some Spanish scholars. The annual examination for Spanish, German, and French were conducted in online mode (Open Book Examination) by the college smoothly. It was new but a great experience overall for the students and the teachers.

- **NCWEB Chapter** [Convener: Dr Sunil Kumar]

The college is running the NCWEB Centre since 2017 for B.A. (Prog) and B.Com. (Prog). 1150 female students are currently enrolled in all the three years of both the courses. Hopefully in 2020-21 session students will be admitted under CBCS scheme Semester exam system of University of Delhi.

7th September, 2019: The session began with the orientation Program for the students. Our Principal Dr. H. C. Jain interacted with students and highlighted the importance of CBCS System.

18th – 20th December, 2019: With an objective to impart training and development besides academic knowledge a three-day “Computer Literacy Workshop” was organised in association with IQAC, and Committee for Special Program for Learners of DDUC. The workshop covered three MS-Office Packages viz., MS-Word, MS-Excel, and MS-Power Point.

25th January, 2020: A Lecture was organised on the theme “*Women Empowerment: A Legal Perspective*” on the occasion of celebration of Republic Day. Mr. Deepak Arya, Deputy Director (Legal), Ward, Department of Food and Public Distribution, Ministry of Consumer Affairs, Govt. of India was the guest for event.

22nd February, 2020: A one-day seminar on the topic “*Women Safety: A National Priority*” was organised. Ms. Monika Arora, Advocate Supreme Court was the Chief-Guest of the program, Ms. Vijaya Sharma and Dr. Nisha Rana were the speakers.

29th February, 2020: A one-day academic excursion tour was organised to Lohagarh farm house.

- **ONLINE RETAILING: AN INDUSTRY ORIENTATION FOR UNDERGRADUATE STUDENTS**

27th June, 2019 to 15th July, 2019: A 100-hour add-on certificate course titled ‘Online Retailing: An Industry Orientation for Under-Graduate Students’ was organized under the aegis of IQAC. This is the first academic and technical add-on certificate course run by the college which trained the students in multiple software tools currently used in contemporary e-commerce industries. This year thirty students from various colleges of University of Delhi and private Universities and colleges got themselves registered and completed the course successfully.

The course introduced new technologies in retail sector to help students in bridging the gap between industrial skills and traditional learning in educational environments. The course comprised of 6 modules, to train students about current technical trends in e-commerce industries and hands-on sessions to strengthen their practical knowledge as well. Students learnt to create dashboards for retail operation management, online Stores using WordPress and WooCommerce, VBA programming in Excel, enhancing customer relationship using Sales Force, Web designing using PHP and MySQL with XAMPP, Digital Marketing tools and an insight into the GST regime.

The module on soft skills catered to skills like communication, team building, interpersonal etiquettes and leadership. It helped the participants develop confidence and self-esteem. The course was designed to equip the students with professional skills from an industry perspective. Tests were conducted at the end of each module to evaluate the students.

DATA ANALYTICS CLUB [Convener: Dr Arpita Sharma]

The club organized two activities in 2018-19 which were related to a workshop on Open Data Government Platform and a 2-day hands-on Workshop on Data Analytics using Python.

27th February, 2020: A one day hands-on workshop on ‘Artificial Neural Networks – Inside out’ The workshop was conducted by Mr. Alok Govil, Principal Engineer, Amazon, Gurugram and Mr. Purav Aggarwal, Applied Scientist, Amazon, Gurugram. The organizing committee of the event included Dr. Veena Jain, Dr. Rajan Gupta and Dr. Ankit Rajpal. A total of 59 students from Department of Computer Science, Mathematics, Operations Research, Management Studies and Physics participated in the workshop. A total of 8 faculty members attended the workshop along with the convener and organizing committee members.

VOICES- THE DEBATING SOCIETY [Convenor: Mr Jyotishman Kalita]

In order to achieve its mission of consistently churning out great debaters, the society conducts training sessions regularly for practice debates as well as case-preparation. Even amidst the lockdown, the society conducted debating sessions and participated in tournaments online and continued functioning regularly.

24th, 25th and 27th January 2020: The 5th edition of Vitark - the much-awaited Inter-college Annual Parliamentary Debate Tournament was held. The tournament witnessed participation from more than 36 colleges across India and proved to be the biggest edition.

KALAMKAAR [Convener: Dr Ravinder Kaur]

9th August, 2019: The orientation program the literary society was held in the college auditorium. Dr. Ravindar Kaur, teacher convenor of the society highlighted the importance of literature and shared her joy to be a part of Kalamkaar family. She announced the core team for the session 2019-2020. Kalamkaar also launched its website on this occasion and became the first literary society in the University of Delhi to have its own website. It was a proud moment for all the teachers, alumni and members. Kalamkaar took an initiative of organising travel programs named ‘As we travel’, wherein the entire team travels to places related to art and literature. The first in the series was a day trip to National Gallery of Modern Art, National Museum and Indian Habitat centre.

31st August, 2019: A mind doodling workshop was organized for all the art lovers. Famous doodle artist, Swati conducted a two-hour session for students on how to doodle in a creative way. More than 50 artists participated enthusiastically. Kalamkaar organised its second ‘As we travel’ program to National Handicrafts and Handlooms Museum and Purana Qila.

14th September, 2019: On the occasion of Hindi Diwas, a special congregation along with various Intra-college competitions were organized to commemorate the day.

15th - 18th September, 2019: To inculcate the habit of reading among budding Kalamkaars, the society organised a book donation drive near the auditorium and also inaugurated its own book club.

18th September, 2019: An ‘Open Charcha session’ on the theme “Is the unilateral decision of the government of India to scrap Article-370 illegal and unconstitutional?”

19th September 2019: Kalamkaar organised a workshop on hindi ghazal and shayari titled ‘Hum, aap aur ghazal’.

21st October, 2019: AURORA, the intercollege competition was organised with many online and offline competitions and students from all over Delhi participated in the event.

22nd October, 2019: A workshop on creative writing and graphic designing was organised with 150 students from all over Delhi participated in it.

21st January, 2020 Kalamkaar celebrated its 5th anniversary. The society was founded officially by the teachers and students on this day in the year 2014.

5th and 6th February, 2020: A creative writing workshop in collaboration with ‘storytouniye’ was organised. Kalamkaar organised its third as we travel program to Surajkund International Crafts Mela. Around 40 students accompanied by Dr. Ravinder Kaur and Dr. Sudha Arora accompanied them for the day trip.

3rd March, 2020: Kalamkaar organized its annual fest- Kalamkaar Literature Festival. This year various sessions were held on the theme- ‘Samaj Ka Darpan Sahitya’.

4th March, 2020: Kalamkaar Kavi Sammelan was held in the college auditorium from 2:00 pm onwards. Many eminent poets were a part of this even. The event started with the lighting of lamp and invocation of Goddess Saraswati by the distinguished guests, Principal Dr. Hemchand Jain, Ex-Principal Dr. S.K. Garg, Teacher convener Dr. Ravinder Kaur, faculty

members and other guests. On this occasion, the first edition of Kalamkaar's annual magazine named 'Ahvaan' was launched.

SANGYAAN- THE QUIZ SOCIETY [Convener: Dr Renu Solanki]

3rd September, 2019: The Quiz society conducted the Induction Quiz for first year students.

16th October, 2019: Deen Dayal Upadhyaya College Memorial (DDU memorial) "India Quiz" (Inter-College) was organised. 56 teams from more than 18 colleges participated in the quiz.

23rd October, 2019: Sangyaan hosted an intra-college "General Quiz".

18th October, 2019: Jaipuria Institute of Management organized "Jaipuria Quiz League 2019" in association with 'Sangyaan' at our campus. Jaipuria Quiz League was open for the students of 2nd and 3rd years.

21st October, 2019: The Society conducted a "General Quiz" for school students during an outreach program: "Chapter 1 DDUC of Biar Initiative: A School Outreach Program for Enrichment I (BIOSCOPE I)" under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Biar, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi.

22nd October 2019: The Society conducted a "General Quiz" for school students in an outreach program "Chapter 2 DDUC of Bani School Innovation Camp-IV (BaSIC IV)" under University of Delhi-INSA Outreach Program, Deeksharambh – Student Induction Programme (UGC) and DBT Star College Program at Government Senior Secondary School, Bani, Himachal Pradesh in association with Ramjas College and Acharya Narendra Dev College, University of Delhi

NSS- NATIONAL SERVICE SCHEME [Convenor: Dr S. N. Tripathi]

An orientation program for the students interested to be the volunteer of NSS. Miss Anaya from Connecting Dream foundation for the project 'Kilkaari' was the chief guest.

1st - 3rd August, 2019: The volunteers of NSS, DDUC organized a rally Jal hi jeevan hai under the Jal Shakti Abhiyan at the college premises and nearby locality. A flood donation drive for the victims of Assam and Bihar floods was organized by the volunteers of NSS, DDUC in the college premises.

29th August, 2019: The national sports day celebrations began with Fit India Movement. 10 students went to Indira Gandhi International stadium, at 7am, and listened to the address by our honourable Prime Minister Shri Narendra Modi and Union Health Minister Dr Harshvardhan.

2nd September, 2019: An education awareness campaign was organized in the slum area. Volunteers launched a door-to-door campaign to make people aware of the importance of education and its need for the overall development.

6th and 9th September, 2019: A plantation drive was organised. The motto behind this initiative was to make our college surroundings green and create awareness about the benefits of plants.

24th September, 2019: The NSS day was celebrated with a special street play titled 'Dastak' by Asmita theatre group. They performed on contemporary social issues. The theme was based on atrocities on women. An awareness session with DATRI blood stem donors was also organized. The members of DATRI talked about the speciality of a stem cell with its method of donations.

25th September, 2019: A blood donation camp in collaboration with Rotary Club was organised. A team of 8-10 doctors came to the campus to set up the camp.

30th September, 2019: A session-cum-workshop on 'Stress Management' and how it helps in attaining better IQ, EQ and SQ was held. The Sahaja Yoga expert and speaker Mr. Anish Kohli, Director (India and South-Asia unit) of Australia's largest telecom MNCs addressed the students.

11th September-2nd October, 2019: Cleanliness drives were organised in the college and surrounding areas. The motto behind this was to remove plastic.

4th and 5th October, 2019: NSS celebrated the World Space Week with Vyoma: The Astro club of the college. The week was celebrated with the slum children from Rise Foundation and Prerna Niketan Sangh. The main motive behind this event was to create interest among young children in the realm of space and astronomy.

22nd October, 2019: One of our NSS office bearers, Upasana Sharma represented the NSS unit of DDUC in a Youth exchange program organized by the Ministry of Youth Affairs and Sports.

21st to 25th October, 2019: NSS celebrated Diwali week as "Ujjwal" and organized several events during this week. A pledge on cracker free Diwali was administered. Diya decoration, Online slogan writing and Digital poster making competitions were organised.

31st October, 2019: Unity pledge was administered on the occasion of the 144th birth anniversary of Sardar Vallabhbhai Patel celebrated as National Unity Day (Rashtriya Ekta Diwas).

1st November, 2019: NSS volunteers observed the Vigilance week. The theme for this year was 'Integrity- A way of life' to demonstrate a fight against corruption, the students took an oath to not be a part of corruption in any way.

15th November, 2019: NSS DDUC in collaboration with SAKSHI (a registered org.) organised a workshop on POCSO Act.

15th January 2020: On World Hepatitis day NSS DDUC in collaboration with Rann Foundation organised an informative lecture. The session aimed at creating awareness about Viral Hepatitis among students.

18th January, 2020: A Climate Conclave in collaboration with Greenlco Foundation was organized. School teachers from across Delhi NCR were invited.

20th January, 2020: A free health check-up camp was organised in collaboration with Thyrocare. A team of 3-4 doctors conducted the check-up.

24th January, 2020: On the occasion of International girl child Day, a speech competition was organised on the topic: “Empowering girls for a brighter tomorrow”.

26th January, 2020: NSS DDUC celebrated 71st Republic Day with over 40-50 children, teachers and community members of slums.

16th to 31st January, 2020: The Swachhata Pakhwada was observed during the fortnight. Several activities were organized to sensitize volunteers regarding the importance of cleanliness.

7th February, 2020: A free Eye check-up Camp in collaboration with COOLWINKS was organised at the campus. Over 200 students along with teaching and non-teaching staff benefitted from the event.

20th February 2020: NSS DDUC in collaboration with PCOS Society and Impetus Well Being organized a seminar on PolyCystic Ovary Syndrome (PCOS), which was addressed by the renowned gynecologist, Dr. Reeta Bakshi.

NSS DDUC, in the time of corona, has been active in creating awareness among people to be serious about their hygiene and to stay at home. The members have been reaching out through the social media platforms.

RAAGA- THE DANCE SOCIETY [Convenor: Dr Rohith P.]

The society organized several workshops in different genres of dance. Flash mobs and jamming sessions were organized in regular intervals for creating a dance culture in and around the college.

6th August, 2019: The society began the year with an orientation programme.

7th August, 2019: the society organised its annual auditions to find and admit new members to its fold.

11th August, 2019: A dance workshop was conducted with Mr. Naveen Kumar as the resource person.

RHAPSODY- THE MUSIC SOCIETY [Convenor: Dr Rohith P.]

The society began the year with an Orientation program and induction of new members. The members of the society performed outside as well as in the college on several occasions such as Teacher’s Day, Founder’s Day, and Independence Day Celebration.

YAVANIKA- THE DRAMATICS CLUB [Convener: Dr Nisha Rana]

2nd August, 2019: The session started with the self-directed orientation play - 'Mirza Ghalib in New Delhi'. It was a huge success and was performed on various other prestigious platforms such as IIT Delhi annual fest - Rendezvous. An orientation skit titled - 'I am fine' was also presented.

5th August, 2019: The auditions for the new session were started. The selection process introduced the new students to the magical world of theatre, its ethics and functionalities.

6th -7th November, 2019: The ambitious mythological annual production, 'Maharathi', a celebrated play written by Vibhanshu Vaibhav, was adapted under the direction of renowned theatre director Mr Gaurav Grover. After rigorous training, the production was successfully performed to a full house in the college auditorium. The production received appreciation and huge audience support.

13th January, 2020: The annual production was performed at various events throughout Delhi Theatre Circuit and received overwhelming response. It was selected to perform at ARSD College, University of Delhi and bagged the accolade for the best scenography and set design while performing at the Muktheadhara Auditorium.

24th -26th February, 2020: The preliminary round of the stage and street play competitions MIRAGE- the Annual Fest of Yavanika was held.

28th -29th February, 2020: The final round of the stage and street play competitions MIRAGE- the Annual Fest of Yavanika was held. It also included 'Istoria', the mono act competition.

SPIC MACAY [Convenor: Dr Chayannika Singh]

25th and 26th February, 2020: SPIC MACAY, DDUC Chapter organized its two-day annual festival "VIRASAT". On the first day, an interactive session on the theme of different classical dance forms in India was organized. It was followed by the screening of the movie GANDHI (1982) and a brief review of the movie by Dr. Anubha Mukherji Sen. On day two, a classical vocal music recital was performed by renowned, classical singer Smt. Vidushi Sunanda Sharma and her accompanying artistes, Pandit Mithlesh Kumar Jha on the Tabla and Ustad Zamir Ahmed Khan on the Harmonium. The students enjoyed the mesmerizing classical recital jugalbandi of "Banaras gharana" by the artists.

ECO CLUB [Convenor: Dr S. N. Tripathi]

A 'Save Water Save Energy Campaign' in the college and the nearby societies in Dwarka was organised at the start of the session. More than 150 students have participated.

Plantation drive was conducted in the college premises by the volunteers of Eco-club.

23 October, 2019: 'Clean Diwali Campaign' was organized. Students and residents in nearby societies were sensitized and motivated to avoid polluting crackers. About 80 students of our

college took part in this drive which started from the college campus after lighting the earthen lamp of ghee.

Cleanliness Drive in the college campus and adjoining areas was frequently organised by the student volunteers between August, 2019 and February, 2020.

23rd January 2020: An intercollege debate competition on the topic ‘Environmental issues need to be included in the election manifesto of the political parties’ was organized.

The Annual Festival of the Eco Club- Ecotsava’20 scheduled to be held in the month of March’2020 but could not be organized due to Covid-19, the on-going global pandemic.

WDC- WOMEN DEVELOPMENT CELL [Convenor: Dr Nisha Rana]

‘Each time a woman stands up for herself, she stands up for all women.’

With this belief the Women Development Cell of Deen Dayal Upadhyaya College organised its Annual festival □□□□□□ 2020. The event commenced with lighting of the lamp by the teacher-convenor and special guests Sakshi Sindwani & Nidhi Chaudhary. 6 creative competitions were lined for the students to express their opinion on women related issues. Students demonstrated their skills in areas like photography, graphic designing, extempore, etc. A case study competition was also held, but the highlight of the event was the Expressions competition. Feminism and Equality were depicted through music, dance, drama, poetry, etc. The famous ‘Asthaan’ Band gave a thrilling performance and mesmerized the audience by soulful beats. A fun-fair stall was also put up for games. As an initiative towards the LGBTQ campaign, students painted colorful designs to show their support towards the movement. Glamfire’s theme presentation on ‘Soch’ marked the end of the event.

FinS- THE FINANCE CLUB [Convenor: Dr. Anil Kumar]

Induction program was held for the new batch of students, the society received a huge response with more than 100 students wanting to be a part of the society.

Trekking the path of “Together we grow” the Finance Club became an umbrella organisation to learn new skills, boost your confidence and diversify your interests. The knowledge sharing sessions ranged from a tech savvy world of MS-Excel, stock market trading, business research and graphic designing to embracing the practicalities of trading and case studies.

The Finance Club of Deen Dayal Upadhyaya College organized its annual flagship event, FINANZA’20. It proved to be one of the most exuberant finance festivals of the year with five nerve racking events, four eminent speakers, seminars, two world class online platforms and one standup comedian. On this occasion, the finance club launched the second edition of its annual finance magazine- Finzine. It consists of articles related to pertinent business and economic happenings and interesting puzzles with contribution from the members of FinS.

ADVENTURE CLUB [Convenor: Dr. Arpita Sharma]

18th September 2019: JOSH – The inaugural event of the club was held in the college sports ground. Two events, a Marathon and Tug of War were organized. 51 students participated in

the marathon and the winners were felicitated with certificates and cash prize by our principal Dr. Hemchand Jain. Tug of War witnessed 32 teams. Eventually, B Sc Phy Science (CS) bagged the cash prize.

3rd November, 2019: ESCAPADE, a day trip was organised to Frenzy Adventure. The place is known for its unique rides over the sprawling area. All the enthralling adventure activities were performed under skilled trainers. Major activities included Rocket Ejector, Sky cycling, Zip Line, Wall Climbing, Rope Courses, and lots of fun activities. The students had lunch and then set their feet to the dance floor. At last, friendly match of Kabbadi and Tug of War were organized which entertained both players and spectators. 80 students from various disciplines enrolled for the outing.

3rd –7th March, 2020: ESCAPADE, a four day-three nights trip to Chopta, Uttarakhand was organised. 40 students from various disciplines were accompanied by four faculty members for the trip. After a 15-hour journey and the group reached the campsite, and found the place to be covered with snow. The next day students and teachers were geared for snow trekking of about 4 km with along with camp trainer- cum-guide. The place was adorned with the Chandranath Parvat i.e., the highest Shiva Temple in the world, which is known as Tungnath. Another trek was planned to the Sari Village the following day. Deoria Tal is known for its perched lake hidden inside the valley but at a much lower altitude. Trainers explained the historical significance and importance of the lake to the students. The trek was followed by dinner besides the bonfire in biting cold. Travelling to Delhi the next day, both the teachers and students carried an unforgettable experience in their hearts.

MUN- MODEL UNITED NATIONS

Did not happen this year due to Covid-19 pandemic.

KALRAV- THE ANNUAL CULTURAL FESTIVAL

Did not happen this year due to Covid-19 pandemic.

DEPARTMENT WISE ACTIVITY REPORTS

Department of Botany

Subject Society- Kalpavriksha [Convenor Dr. Sujata Sinha]

In the month of August, the Student council for the session 2019-20 was formed, and the election to the various posts was completed. It was followed by inaugural lecture by Professor Veena Agarwal, Department of Botany, University of Delhi. She gave a thought-provoking talk on “New Dimensions in Medicinal Plant Biotechnology: Bio therapeutics and

Nanoparticles”. The lecture was attended by all the students of B.Sc. (H) Botany and B.Sc. Life Sciences. The student office bearers were inducted in the ceremony.

21st August and 26th September 2019: The students of all the three years interacted with each other in **freshers’ party** “Flawsome”. Various games and performances helped freshers break the ice and showcase their talent.

28th August 2019: A poster-making competition was held on the topic “Do’s and Don’ts in the laboratories”. Students participated enthusiastically and the winners were announced at the end of the event. Their posters were put up on display in the corridors and later were laminated and put-up in the department laboratories.

5th September 2019: Teachers’ day was celebrated with fervour as students expressed their gratitude towards their teachers.

In the last week of September, inter class photography competition ‘Blossom’ was held. Students went all out to capture nature through their lenses. The soft copies of their photographs were judged and the winners were announced.

3rd October, 2019: An alumni interaction session was held and four alumni from various professional realms were invited to talk to the present undergraduate students. Mr. Vivek Tripathi (Railway; Civil Services), Mrs Rakhi Solanki (Psychotherapist), Mrs Upasana (school teacher) and Mr. John Momo (Ph.D. student) interacted and motivated the students to follow their passion and intuition in their career.

4th October 2019: Inter-college Annual Botanical Fest - ‘Delonix’ was flagged off with a plantation drive in collaboration with ‘Harela Foundation’. The faculty and students planted several saplings in the college campus and in the Botanical Vertical Garden. The students also pledged to take care of the saplings and to contribute positively to the environment. Inter-college debate on environment conservation was the highlight of the festival, where participants from different colleges/institutions put forth their views. Botanical Quiz, Botanical Rangoli making, Plant specimen sketching competition also found enthusiastic participation from students of different colleges.

During October 2019, a 4-day educational excursion was organised to Manali. The students studied the flora of the area and made e-herbarium. They also studied various ecological factors at different locations and time intervals. They learnt to tabulate and analyse the readings. They also got an insight of ecological succession on how bare rocks get inhabited by lichens, mosses, ferns and then higher plant groups. Besides study, they enjoyed the trek to ‘Manu’ temple and Hadimba Devi temple; snow at Rohtang pass and water sports on the River Beas in Manali. A Delhi darshan trip was organised for students of Botany (H) and Life Sciences. It was successful as not only it received a huge participation of from all the courses but also witnessed a great sense of togetherness and bonding between students and teachers.

13th February, 2020: A interactive session was organised with Ms. Upasana Kaura. alumna of Botany department, who is an academician, counsellor and motivational speaker, interacted

with students. All the queries related to career and emotional stress and examination pressure were beautifully addressed by her.

5th March, 2020: A valedictory lecture was delivered by Prof Dinbandhu Sahoo, Department of Botany, University of Delhi on his experiences in Andaman Islands. He elaborated various streams related to Marine algae to be opted by students. His experiences on the way of pursuance of excellence motivated students that hard work has no substitutes. The function ended up with prize distribution ceremony of various events being organised throughout the year.

Department of Chemistry

Subject Society- Covalence

18 July, 2019: The academic session started with an Orientation program where teachers interacted with the first-year students and their parents.

27 July, 2019: As a part of Induction program a local tour was organised. The students along with four teachers visited India Gate, the War memorial and National Science Centre.

10 August, 2019: Election of the office bearers of COVALENCE was conducted.

4 September, 2019: The inaugural lecture was organised on the theme “Gifts of Science to the Society” by Prof. Ashok K. Ganguli, Department of Chemistry, IIT, Delhi.

4th -5th October, 2019: The annual festival “Rasayanotsava” was organised and various events like Paper presentation, Periodic Gyan, Poster making, Chemical Tambola, Dumb Charades, Radical Scavenger were held.

3rd January, 2020: 3 alumni were invited for an interaction with the students. Ms Sushmita Yadav (Pursuing Ph.D., from DU); Mr Kusharga Yadav (Pursuing Ph.D. from NPL, New Delhi) and Mr Anuj Kumar (pursuing Ph.D. from University of Bonn, Germany) graced the occasion.

29th January, 2020: A lecture series on Green Chemistry was organised. Prof. Ram S. Mohan, Department of Chemistry, Illinois Wesleyan University, Bloomington, USA, spoke on “*Better Living through Green Chemistry: An Introduction to Toxic Molecules*”; and “*Better Living through Green Chemistry: Case Studies*”

14th February, 2020: A city tour trip was organised for the students under the student induction program. Four teachers along with 130 students visited Bahai (Lotus) Temple, Waste to Wonder Park and Rashtrapati Bhavan Museum.

4th March, 2020: An Industrial Trip was organised for the students of final year students in which six teachers along with 41 students visited Moon Beverages Ltd. (Coca-Cola Happiness Factory), Greater Noida.

Department of Commerce

Subject Society- CommUnity

19th July, 2019: A common orientation organized by the college on to introduce new students and their parents to the college followed by the departmental orientation “Parichay” organized by commUnity, the subject society of Department of Commerce.

3rd August, 2019: As part of Student Induction Program, 188 newly admitted students for an excursion to the National Museum and the National War Memorial near the India Gate as part of the Student Induction Program as mandated by the UGC, MHRD Government of India. The students interacted with each other and with the faculty members and witnessed various works of historical art in the museum. Few activities were organized for the students and the faculty members in the lawn adjoining the museum. The beautiful day came to an end with a visit to the National war memorial to honour the armed forces.

14th August, 2019: Students and teachers celebrated the 73rd Independence Day with unprecedented patriotic fervour on. The National Anthem of India was sung by all followed by speeches from Dr. Hem Chand Jain (officiating Principal) and Dr. Nisha Rana which evoked feelings of patriotism and reminded the students of the nation’s glory, beauty, and her rich heritage.

21st August, 2019: A live trading session was organized on, where the students were shown how equity shares and corporate bonds are traded in the stock market on a real time basis. The speaker of the session **Mr Vinny Arora**, Assistant Professor with the Department of Commerce, Deen Dayal Upadhyaya College apprised the students of the various terminologies and concepts such as Stop Loss, Limit Order, execution of trade etc. by using them for live trading. The session provided useful insight on the use of technology in the financial sector.

31st August, 2019: The department initiated an Alumni Interaction Forum with an aim to let its alumni be the mentors to the current students as a new incumbent in the corporate sector. Mr. Sanjeev Mehta (batch 1995), Executive Director, Transactions Banking and Head-cash management, Standard Chartered Bank, India was invited as the honourable chief guest. The guest shared his first-hand experience with nearly 300 students of the department on the topic ‘*Banking Sector: Embark on this Wondrous Road Ahead and Hunt the Imperatives of Being a Good Banker*’.

5th September, 2019: Gurvai Namah is a celebration and expression of gratitude towards the invaluable contribution of the teachers and mentors towards students. Like every year, this year as well commUnity, organised a memorable Teacher’s day on to commend the respected teachers. The event was graced by Prof. Sri Ram Khanna, Managing Trustee of Consumer Voice. The guest enlightened the students on ‘*the emergence of Indian Consumer Markets and B2C relations.*’ The event also marked the investiture ceremony “*ShubhAarambh*” of newly elected office bearers of the society for the year 2019-20.

18th September, 2019: A one-day trip was organised by the Department of Commerce to Pratapgarh Farms, Jhajjar (Haryana) as a part of the Student Induction Programme mandated by the University Grants Commission. It was a unique, different and memorable day outing

experience. The students and teachers spent a day full of fun and activity filled time. From the relaxing head massage to puppet show, from camel rides to music, from volleyball to kite flying, from agricultural, gardening and dairy activities to cultural and creative activities, there was something for all. The hot and tasty breakfast and lunch served were just the icing on the cake.

23rd September, 2019: The department hosted the Life Insurance Corporation of India for a career orientation program on to make the students aware about the various career opportunities in the insurance sector. A quiz was also organised at the end of the session and prizes distributed to the winners.

30th September, 2019: The department organized a seminar on Financial Markets by SEBI on. The speakers Ms. Deepika Thakur and Mr. Jai Raman from SEBI spoke about how SEBI protects the interests of the investors in the securities market and how SEBI promotes the development of, and regulates, the securities market and for matters connected therewith and incidental thereto.

22nd October, 2019: The department organized a lecture on IT Act for B.Com. (H) semester 1 students. The speaker, Dr. Rajni Jagota from PGDAV College, University of Delhi, explained the adequate protection to computer and internet users against computer related offences and cyber terrorism.

8th November, 2019: The department hosted a talk on Business Analytics by Mr. Krishan Kumar Arya, Regional Finance Lead (CPM) – Planning and Reporting, Finning (UK) Ltd., on. His talk helped the students understand how cutting-edge businesses use data to optimize marketing, maximize revenue, make operations efficient, and make hiring and management decisions on a real time basis.

12th February, 2020: An exhilarating one-day trip to Surajkund Mela was organised under the induction programme. The theme for the year 2020 was Himachal Pradesh - a stupefying bonanza of vivid art, craft, music and dance, colourful ambiance, ethnic cuisines, and an immersive cultural ethos - everything inspired by rural life.

17th February, 2020: The Personality Development Society, VYAKTiTVA of Deen Dayal Upadhyaya College under the aegis of the Department of Commerce conducted its annual fest, Vyaktitva 2020 on. The theme of the fest was □□□□, the nine emotions. Nine different events were conducted in the college premises at different venues.

Career Counselling Sessions:

- **24th February, 2020:** CommUnity organised a career counselling session by Dr. Sunita Konwar from the Indian Institute of Art and Design on ‘Careers in Fashion Business Management.
- **27th February, 2020:** CommUnity organised an open house discussion on ‘Professional Courses and its Scope’ conducted by CA Palki Lamba (alumnus of DDUC) and CA Jaskirat Bhatia of Innovious Academy.

- **3rd March, 2020**, CommUnity organised a career counselling session by Mr. Navneet Anand (NMIMS, Mumbai) from Career Launcher on ‘Career Options after College’

6th and 7th March, 2020: The department organised its inter-college annual festival, Zucitva and the event received participation of students and faculty members from different colleges and universities. The event started by felicitating all the female faculty staff to celebrate the women’s day. A play on Road safety was organised by Sukhmanch Theatre to apprise and sensitise the students of the importance of following the road safety rules. The 2-day event saw a total of 9 events – Greencon, Probablaskills, Marketer Chef, House of Traders, Biz War, Ad Mad, Cinematic Dilemma, Baroque Chase and House of Expressions. Guests from corporate as well as academia were invited to judge the events. The annual fest was a testimony of coordination, negotiation, team building, and leadership skills exhibited by the students.

Department of Computer Science

Subject Society- Sanganika

22nd April, 2019: A farewell was organized in the college auditorium where juniors bid farewell to the outgoing batch with great enthusiasm! The function began with the lighting of the lamp of wisdom and was followed by numerous performances by students of both first and second year. In the end, seniors were presented with witty titles and a memento as a token of love and gratitude and the event concluded with teary eyes, hearts full of memories and promises to always keep in touch.

2nd August, 2019: The election for the office bearers of Sanganika - Computer Science Society was conducted. The office bearers along with five executive members from B.Sc. (H) Computer Science (1st year) were elected.

30th August, 2019: The members of the DDUC ACM Student Chapter successfully organized a group discussion for the students of first and second year so that students learn to blend their thoughts and present it to others. The event was attended by 50 students and they were given common IT related topics with a twist to discuss.

13th and 20th September, 2019: Sanganika in association with DDUC Codechef Chapter organized two lectures on the topics ‘Introduction to Competitive Programming’ and Introduction to Sub-arrays, Sub-sequences and Number Theory. These lectures were delivered by the student coordinators Mr. Himanshu and Mr. Vineet under the guidance of teacher coordinator Dr. Ankit Rajpal

28th September, 2019: A seminar titled “A Tale of Computer Vision” was organised which was addressed by Mr. Alok Govil, Principal engineer, Amazon. The seminar was attended by 120 students from various courses and 10 faculty members. He was welcomed by our Principal Dr H.C. Jain and Dr. Arpita Sharma introduced him to the audience. Mr. Alok spoke about how the pixels of a computer screen work. He simulated each pixel with a cell in Microsoft Excel software and told us how, just by use of some mathematical formulas, we could colour different cells to make the spreadsheet look like an actual image. It was an interactive session and the speaker acknowledged the doubts and queries raised by the audience. Students also got

an opportunity to interact with Mr. Alok regarding the opportunities in MNC's like Amazon, the crucial skills needed and how to work on them.

25th January, 2020: A one day workshop on 'Alexa Lab' under Industry Academia interaction in collaboration with Amazon Alexa was organised. The speaker for the day was Mr. Mohd Shoaib Rayeen (Amazon Student Influencer) who was also accompanied with Mr. Jatin Rohilla. He began by giving a brief introduction about Alexa, and the requisite attributes to become an Alexa skill developer. In the second session, students were given a task to prepare an Alexa skill idea and present it to the audience. For this activity, Mr. Rayeen encouraged the students by awarding 4 students (with T-shirts) who had the best idea. He shared information about the promising career opportunities in the field of artificial intelligence and motivated students to work on building skills. The workshop was convened by Dr. Arpita Sharma. Mrs. Shweta Wadhera and Dr. Ankit Rajpal was the coordinator of the workshop.

10th February, 2020: A workshop on CISCO Networking was organized with Mr. Alphish Jaswant Dhengre, from Network Bulls, who is a CISCO certified trainer, as the speaker for the day. 40 students from B.Sc. (H) Computer science and B.Sc. Phy Sc (CS) participated in the workshop. The speaker started with the basics of TCP/IP and OSI reference model with a practical approach. A hands-on session was conducted on '*PACKET TRACER*' software provided by CISCO. The students also got to know about the recent trends of job profiles in the field of networks. They were also made aware about the increasing demand of network operators in the IT industry. The workshop was convened by Ms. Shweta Wadhera and Mr. Anil Kumar.

17th February, 2020: DDUC CodeChef chapter and Sangnika organized a successful programming quiz and overnight coding contest. Questions were designed keeping in mind the level of the students of each year. It was an online quiz and the portal was made by a student. More than 50 students participated in the first round i.e., programming quiz. Saransh Bhatia from 3rd year, Jaideep from 2nd year and Yashvardhan Pal from 1st year were declared as winners.

Industry Academia Workshops

In order to make computer-science students familiar with **latest Web Technologies** used in IT Industries, teacher-conveners Dr. Rajni Bala, Dr. Anuja Soni and Dr. Sujata Khatri organized two workshops. 42 students attended the two workshops. Mr. Manoj Patial, a dynamic Software developer from the software-Industry-“Times Internet, Noida, Film City” was invited as the resource person.

- **14th 15th February, 2020:** The first workshop was titled “Learning Web Technologies, JavaScript Libraries, React, Es6, Developing Dynamic, Interactive and Fast Rendering WebPages”. It briefed the students about Web Technologies and fundamentals of HTML and CSS including various elements, tags, and incorporating CSS into HTML. JavaScript and jQuery were also introduced. The hands-on session allowed the students to replicate the existing ‘Times of India’ webpage.

- **21st & 22nd February, 2020:** The second workshop was titled “MiddleWares, Server-Side Technologies, Creating Web Server and understanding the end-to-end Application Flow”. The session recapitulated earlier concepts and then focussed on connecting front-end with the back-end and database using networking. MongoDB (Non-SQL) was also discussed including concepts like mongoose, nodes, servers, routers and the mongo database was then made to connect to the nodejs back-end environment. The event concluded with distribution of certificates and a sincere vote of thanks to the speaker.

6th March, 2020: The society hosted its annual Technical Fest, Tech Marathon. The fest started with the traditional lamp lighting ritual by our principal and teachers of the department in the college auditorium. Ms. Shweta Wadhwa, Convenor of Tech Marathon, showcased the 10 year journey of the festival and the department was presented a memento. This year Tech Marathon comprised twelve technical events for coding enthusiasts. The preliminary rounds for each event were organised on web portal created by students. Big names from computer science field, such as geeks for geeks, coding blocks etc. sponsored the event and active participation from different colleges, like LBSIM, IPU, DU-CS etc., was received.

Department of English

Subject Society – Zest

3rd August, 2019: The new session began an excursion trip to Sanjay Van, a forest which is part of the Mehrauli South Central Ridge of the great Aravalli Range. The group of students and teachers set out to trace a trail along an ancient wall built in 7th century AD. Halfway through, the jamming session was initiated with the help of various activities which included, singing along to the tunes of old classic ghazals, reading and reciting poetry amidst the picturesque landscape. The trip culminated with songs of courage and persistence which filled the students and teachers with enthusiasm and zest.

4th -5th September, 2019: The elections for Zest were held on in two phases. In the first phase, the students from all three years proposed the names of the students who they thought were a suitable for the posts. In the second phase, the nominated candidates delivered a speech to highlight their plans for the department and students. The voting process was held in the second day right after the Teacher's day celebration.

26th September, 2019: Zest organised the year beginning party, “Rapture”, on the theme “Pop Culture 1980s and 1990s”. The event started with a music performance by Meghna after which the professors took the stage and welcomed the first years. There was a performance by Kushagra and Akshat. The acting principal, Dr Hem Chand Jain, was also present during the welcome ceremony.

1st October, 2019: An 'Audio Description Workshop' was organised in collaboration with Ms. Rummi Seth and Mr. Narendra Joshi from Saksham. The workshop aimed at teaching the students about the emerging field of audio-description which helps the visually impaired people enjoy movies just like everyone else. The workshop included a PowerPoint presentation by Mr.

Narendra Joshi about the process of audio-description, its need and importance. This was followed by an interactive round where the students were allowed to put up their questions.

17th -19th February, 2020: An art appreciation workshop was conducted by Dr Gunjan Gupta. She explained, through illustrations, the evolution of art from the Medieval period through the Renaissance, the Baroque, Classicism, Rococo, Neoclassical, Romanticism, Realism, Pre Raphaelite and Modern period. The paintings like “Mona Lisa” and “The Last Supper” by Leonardo da Vinci and the sculptures of David by Michelangelo and Gian Lorenzo Bernini were compared and explained by Dr Gunjan. The students were also familiarized to various books like “The Death of the Author” by Roland Barthes. The workshop included clips of a recitation of the poem “The Hollow Men” by T S Eliot and a heart-touching clip, “Vincent Van Gogh visits the gallery” from the show Doctor Who. The students were then given a painting in pairs, which they discussed and analyzed. The session ended with a question-and-answer session.

12th February, 2020: An educational trip to Karma Lakelands, Gurugram was organised. The tour started with ‘the Village’ which was a miniature farm with domestic animals. Following this was an interaction with the owner Mr. Ashwini and his wife, where the couple talked about organic and sustainable environmental practices which the residents and the employees of Karma Lakelands had adopted. After lunch the students visited the golf course. Professional golfers showcased their talents by displaying juggling tricks. A demonstration on how to play golf was given by professionals. The educational trip proved to be useful as students learnt about sustainable environmental practices and some golf tricks.

The Annual Literary Fest which is held in March every year could not be held on account of the lockdown due to Covid -19 pandemic.

Department of Electronics

Subject Society – Silizium

27th July, 2019: The students of first year were taken to the War Memorial, India Gate and National Science Centre. The underlying idea of choosing these places was to give an insight to the students about the rich heritage and glorious history of our country.

31st August, 2019: The orientation program was organized. The new students were familiarized with various realms of the society and its activities. The names of the student convener and the executives were announced. The keynote lecture was delivered by Dr. Praveen Thakur, Additional Vice-President, VNL. He spoke on ‘*Mobile Communication Networks- Architecture, Protocols and Procedure*’. He elucidated the students about the progress of mobile communications from 1G towards 5G. The event culminated with a vote of thanks proposed by Dr. Ravinder Kaur, teacher-in-charge, Department of Electronics and convener of SILIZIUM,

5th September, 2019: Teacher's day was celebrated in a beautiful and thoughtful way by the students of the department to strengthened the Guru-Shishya bond beyond the classroom setting.

16th September, 2019: An alumni interaction titled '*Start with a dream, finish with the future*' was organized with Mr. Rahul Soni (2012-15), Co-founder, Trydan Clean Tech Pvt. Ltd. He spoke about '*Charging stations and different kinds of power sources.*' This was followed by Ms. Tanvi Sachdev, Sr. Software Engineer, five 9, California, U.S.A who spoke on different career options available for the students and how improving one's programming skills and knowledge of different software packages help the students getting good placements.

4th October 2019: 'URJASVA', the annual festival of the society was organized. There was plethora of events planned by the students like the Electronics Quiz, Project/Model exhibition, circuit-making competition, debate, Online Poster Designing and Scientific Writing Competition. Each event consisted of innovative rounds which inculcated electronics in a manner which made learning fun. The event witnessed more than 80 participants from other colleges and universities.

23rd October, 2019: A one day workshop on "*Entrepreneurship and Electronic Mobility*" was an interactive program aimed at providing the participants with precise skills for pursuing their entrepreneurial quest and building their own start-ups.

10th February, 2020: A guest lecture was organized on "*Patenting System in India*" wherein Mr. Ranjan Prakash, Assistant Controller of Patents and Designs, from IPO, Baudhik Sampada Bhawan, Ministry of Commerce and Industry (Govt. Of India) spoke about how patents are awarded in India and worldwide. He also discussed about contemporary issues regarding patenting, including Apple v/s Samsung rivalry and even famous Edison v/s Tesla.

13th February 2020: A day long visit to Sanjay Van was organized which is a thickly wooded area, also known as the city's green lungs, the students were rejuvenated and enjoyed the natural surroundings.

Department of Humanities

Subject Society – Abhivyakti

27th July, 2019: The students of B.A (Program) of 1st Year were taken a day trip to War Memorial, India Gate and Nehru Memorial Museum and Library. In all, 90 student and four teachers were part of the trip.

28th August, 2019: Election for the office bearers of the subject society *Abhivyakti* was conducted.

14th September, 2020: An essay writing competition was organised on the occasion of Hindi Diwas.

18th September, 2019: A Lecture was organised to celebrate Hindi Diwas. Prof. Rajendra Gautam, Department of Hindi, University of Delhi delivered a lecture on the theme '*Rajbhasha Hindi ka Mahattva*'.

24th September, 2019: Prof. Seema Bawa, Department of History, University of Delhi was invited for a lecture. She spoke on the topic '*A general survey of India: rt and archaeology of Early India up to 12th century CE*' and was attended by 90 students.

1st October, 2019: Dr. Asheesh Kumar, Assistant Professor, Department of Sanskrit, Rajdhani College, University of Delhi was invited for a lecture titled '*Laissez Faire vs. role of State: Insights from Arthashastra*'. He discussed the role of the state as explained in the text *Arthashastra* and stressed on its relevance in modern-day economics. The lecture was attended by 100 students.

4th October, 2019: Shri Sanjay Prakash, Dy. Inspector General, CISF was invited for a lecture on '*History as an interesting subject at University*' and '*UPSC: how to score well and succeed*'. The lecture was attended by 90 students.

23rd October, 2019: The department of Political Science organised a one-day National Workshop on '*Indic Tradition: The Legacy of Kabir*'. Prof. Balaji Ranganathan delivered the keynote address in workshop. There were three technical sessions and speakers from various universities and institutions presented research papers on different topics of Indic tradition and ideas of Kabir.

13th November, 2019: A Lecture titled '*Career opportunities and challenges after graduation*' was organised for the students of BA (Program). Dr Jagdish Singh, Assistant Professor, Department of Political Science explained the prospects available for the students after completion of graduation. The lecture was attended by 100 students.

14th November, 2019: BA (Program) 5th semester students visited the National Museum on as a part of the curriculum subject paper titled "*Archives and Museum*". The students were accompanied by their subject teacher Mr. Ashish Tripathi.

21st January, 2020: Department of Political Science organised a lecture titled '*Citizenship (Amendment) Act 2019*'. Mr. D.P Upadhyaya, DIG, COBRA, CRPF, New Delhi and Sanjay Singh, Associate Executive Editor, First post were invited to speak on the topic. Mr Upadhyaya gave an insight into the act and clarified the reality and myth of the troubled areas especially Jammu and Kashmir and North East. Mr. Singh being a media person highlighted how media played a significant role in controversial issues. The lecture was followed by a question-answer session. The lecture was attended by 90 students.

6th February, 2020: Department of Political Science organised a Lecture on '*CAA, NPR and Uniform Civil Code*'. Prof. Sushma Yadav, VC, Bhagat Phool Singh Mahila Viswavidyalaya, and Mr Manish Mohan, Lawyer, Supreme Court spoke about different aspects and dimensions of CAA, NPR and UCC.

19th February, 2020: Department of Social Sciences and Humanities organized an alumni interaction and invited Mr Atul Gupta, Chief Sub-Editor, India News, delivered a lecture on ‘*How to build a carrier on media and communication*’. He has an experience of 7 years in the media field.

20th -24th February, 2020: A four-day educational tour was organised to the twin cities of Jodhpur and Jaisalmer. A group of 38 students of BA (Program) along with two teachers went for the excursion. The grandeur, might and royalty attached to these beautiful cities are evident in the many forts and palaces which dot the two cities and contribute to their respective landscapes.

6th -7th March, 2020: The annual festival *Mridang* was organised. The event focused on strengthening the academic and social skills of students by organising seven online and offline events. 135 students from various colleges and universities participated in the events and won numerous cash prizes for presenting their exemplary skills. The annual fest commenced with the inaugural address by Principal Dr. Hem Chand Jain and Teacher in Charge Dr. R.M Bharadwaj.

Department of Management Studies

Subject Society – Spettro

5th August 2019: Training and Career Cell invited TresVista, a company that provides highly skilled outsourcing support to financial services firms across geographies, asset classes, and sizes to recruit for the profile of Financial Analyst with a CTC of 6.40 Lakh. 45 applicants from BMS and B.Com. (H) participated in the process and 7 candidates were selected.

19th August, 2019: Entrepreneurship Development Cell of the department of Management Studies organised an orientation programme for the new batch on the theme “Divulging Enthusiasm & Experience”. Mr. Aman Dhattarwal, the young YouTube sensation and founder Apni Kaksha was the speaker for the session.

22nd August, 2019: The Training and Career Cell of the department organised a Case Study workshop. The workshop was conducted by Mr. Amit Poddar, Senior Regional Head with T.I.M.E. During the session, Mr. Poddar discussed the way to approach a given case study. The session was interactive and proved to be beneficial for the students.

23rd August 2019: Training and Career Cell (TCC), the Placement Cell of the department conducted its orientation which acquainted students to the role of TCC. The session was followed by a case study competition to test the students' logical and analytical skills in order to arrive at relevant and innovative solutions through collaborative team efforts.

28th August, 2019: EDC is a platform for honing the skills of young entrepreneurial minds. To further this motive, Prof. Neerja Arora, PGDM, IIM Calcutta and Prof. Siddhartha Jain were invited for a session. They highlighted the importance of self-confidence, one of the most common quandaries in today's generation, and stressed on developing the ability to express oneself better.

28th August, 2019: The orientation of the Social Responsibility Cell was held where a presentation comprising the society's vision, annual events and initiatives taken by the society

were highlighted. It followed by a short interactive session among the council members of the society and the participants to explain the importance of empowerment and integration of individuals with the help of education, vocational training and increasing awareness among masses.

31st August, 2019: Net Impact Delhi University organized an event at our college in collaboration with Social Responsibility Cell (SRC) society of the department. Net Impact is a not-for-profit organization for students and professionals interested in using business skills in support of various social and environmental causes. From its central office in Oakland, the organization supports over 300 autonomous volunteer-run chapters and a membership base of over 100,000. It has more than 400 chapters spread across around 40 countries with Net Impact Delhi University being one of its chapters. 33 students from various colleges across Delhi participated in the event which included the orientation of Net Impact and was followed by an activity which required the students to generate business and start-up ideas. All the participants were divided into groups of three and each group was asked to come up with a unique and realistic business model and make a presentation.

2 September, 2019: Spettro, the subject society of the department of Management Studies organized its student induction program. The event was aimed to familiarise the first-year students to the Bachelor of Management Studies course and foster interaction with among them. The program comprised an array of fun and thrilling activities like B-Quiz, Ad Mad (wherein the students were asked to sell some interesting products) and a treasure hunt. The freshers zestfully participated in all the events and achieved its objective of team building and developing a special bond among the students.

17th September, 2019: A visit was organised to Innov8, a Co-working space located at the upscale Connaught Place area. The audience comprised 55 students in all, from BMS Semester III and B.Com (H) Semester I. The students were engaged in an interactive session with the core team of Innov8 which included the founders; Head Marketing and Operations and the Community Manager. The team at Innov8 provided insight into the students regarding the corporate world, entrepreneurship, placements, interview preparation and internships. They also discussed about their personal career paths and how to go about developing an idea into a start-up. Students also got an opportunity to access an online platform to apply for internships with Innov8. Students explored and learnt through a tour of the campus and also connected with the Chief Design Head and Community Manager.

24th September, 2019: A workshop on "Careers in Management Education and required Skills" for the students was organised. The workshop was conducted by Prof. Vinay Nangia (Professor Emeritus, NSUT, Dwarka and IIT Roorkee). He is an illustrious alumnus of Benaras Hindu University having over 45 years of managerial experience in banking, finance and industry. 35 students participated in the session.

Professor Nangia shared his global industrial experience and talked about the importance of building a good CV while highlighting the common mistakes that people make in their resumes. He also discussed future of careers in Corporate, especially in the areas of finance and consultancy. At the end of the session, several students queried from the guest regarding

higher education, careers in management and entrepreneurship. Overall, it was an interactive and informative session and students went off gladly with lot of takeaways.

30th September, 2019: Witnessing over a footfall of over 150+ students, the summit was graced by entrepreneurs, industrialists, and various corporate leaders. The speakers elaborated on topics like corporate myths, entrepreneurial journey, and various challenges faced in the corporate and start up world.

Amongst the esteemed guests, we had Dr. Ritesh Malik, Founder Innov8 Co-working; he is on the Forbes 30 list, he spoke about his journey and growth in the start-up industry. The highlight of the day was Mr. Aditya Arora (CEO - Faad Network Pvt. LTD.), He engaged the audience in various activities and charged up the atmosphere, while Mr. Sailbal Sengupta, (Chief Financial Officer, Orient Electrics), shared inputs from his journey of rising up the ladder of management. The students gained valuable insights from his life experiences.

Mr. Ayush Chowdhury, Founder, DforDelhi and Mr. Shivansh Garg, Founder, Young Engine who highlighted upon the tough journey of a start-up founder and how entrepreneurship is the new buzzword for creating employment and opportunities for the betterment of the globe. Mr. Himanshu Kashyap from Speakin, apprised the audience about his start-up and how it has made it easy to connect with speakers.

1st October, 2019: E-Affaire received participation from various E-Cells of different colleges from Delhi/NCR. The event featured E-Cells from FMS, Netaji Subhash University of Technology, Shaheed Bhagat Singh College, College of Vocational Studies, Keshav Mahavidyalaya. A total of 12 E-Cells participated in this extravaganza. The meet began with an interactive session of E-Cells where they discussed their vision and upcoming events. The discussion was followed by various events aimed at testing the entrepreneurial and managerial skills of all the teams.

3rd October, 2019: Social Responsibility Cell is a platform for invoking the principal value of social conscience in the generations to come. Recognizing this very need, after several days of hard work, Social Responsibility Cell of our department organized the 4th edition of its annual internship fiesta as well as flagship event, the Social Internship Conclave. Ten NGOs and NPOs graced our college and apprised the students about their noble work and provided valuable internship opportunities to the students. The event received participation from students from other colleges as well.

At SRC DDUC, we have always believed in saying no to single-use plastic. Keeping the tradition alive, each of the NGO was presented a sapling as a welcome token on stage. The students were briefed by each NGO about their objectives, programs, recent initiatives and future plans. Notable names like Trax: The Road Safety NGO of India, Humanity Foundation, The Rising People Welfare Association etc. graced the occasion with their presence.

210 students attended the event and 170 students appeared for interview of various NGOs to secure winter internship. In all, 81 students were selected for winter internships and out of these 19 students were from other colleges. The event was a grand success and a step forward in accomplishing our aim of making the students accountable to the society. Also, it was a

wholesome experience for the new batch of students who secured their first internships in some of the top organisations working for a noble cause in Delhi-NCR.

11th November, 2019: TravClan Technology India Pvt. Ltd. is a rapidly growing travel tech company that acts as a pioneering B2B platform in the travel industry. Using technology, they provide travel agents access to great products and best price. The profile offered was Account Management Associates, Marketing Associates, and Finance Associates with a CTC of INR 3.3 lakh. Out of 10 students who applied 1 candidate was selected after the rigorous selection procedure.

19th November, 2019: Off Campus Recruitment drive Ken Research was organised exclusively for BMS Students. Ken Research provides bespoke industry intelligence, equity research reports and business consulting services on gamut of sectors across the globe. The firm offered the profile of Market Research Associate with a CTC of 5.2 Lakh [4.2 Lakh (fixed)+ 1 Lakh (variable)]. 7 students of BMS had applied for the position

4th – 5th January, 2020: The Department of Management Studies collaborated with Delhi School of Planning and Research Studies, GGS Indraprastha University to conduct ICSSR sponsored XXI Annual International Conference on broad theme: “Achieving Excellence in Higher Education” at Deen Dayal Upadhyaya College, New Delhi. There were 5 technical sessions namely, Innovations & Best Practices in Higher Education; Higher Educational Institutions: Benchmarking & Way Forward; Outcome Based Education vs. Competency Based Learning; Engaging & Assessing Learners; Issues & Challenges; Research Paper Presentations on contemporary issues. Over 100 research papers were presented during the two-day conference with many foreign delegates attending and chairing the sessions.

6th January, 2020: An alumni interaction with Vibhu Sehgal (Batch of 2019) was organised on the topic ‘*How to make your CV stand out?*’ He had secured campus placement at TresVista with a pay package more than 6 lacs p.a. He relocated to Pune for work and while on the job cracked CAT with exceptional score. He highlighted the need to be aware of the changing times and how a social internship not only enriches the CV but also introduces the students to a whole new perspective towards life.

8th January, 2020: EDC organised a guest lecture on the theme ‘*Essential Communication Skills for Employment Readiness*’ by Dr. Atul Sharma. He holds PhD from the University of Lucknow and has an experience of over 34 years in the corporate as well as the education sector. He holds a vision of transforming management education by imparting strong values and skills to the students. During his lecture, he focused on the relevance of communication in daily life and also in business.

20th January, 2020: An alumni interaction was organised with Anukriti Garg (Batch of 2017) on the topic ‘*Building a career in social work*’. She developed keen interest in social work projects during her graduation. She had interned with a few NGOs like Make a Difference, Jamghat, KSCF, Manthan etc. After completion of graduation, she joined VSO, UK and worked as a facilitator with children and youth. During her interaction with the junior batch, she focused on how individual interests should not be allowed to perish under the burden of peer pressure and social compulsions. She encouraged the students follow their instinct and

passion in order to avoid burnouts and emotional fatigue. She shared her experience of spending 3 months at a village community and learning about the rural life and its challenges. The students enquired about how they could work with NGOs and what would be the skill set required for it.

22nd -24th January, 2020: Entrepreneurship Development Cell of the department organised Entrepreneurship Awareness Camp (EAC) in association with Banarsidas Chandiwala Institute of Professional Studies, Dwarka, New Delhi; sponsored by EDII Ahmedabad and under the aegis of NSTEDB & DST NIMAT. The three-day camp focused on pertinent issues like traits of potential entrepreneurs; identification of lucrative opportunities; product selection and technology-assistance; setting up of SSI units - Technical, Commercial and Financial aspects; seeking support and financial assistance from banks and FIs; and success stories of entrepreneurs and common problems faced by them (Creativity and business success approach). The key speakers included Ms. Kalpana Sinha, *Director Excel Systems India Pvt. Ltd, Incubation & Entrepreneurship Eco System Specialist*; Mr. Mahendra Kumar Gupta, *Sr. Asst Professor, ABES Engineering College, Ghaziabad; Accredited Entrepreneurial Trainer, NIESBUD, Noida Founder UDAYAM Consultancy* and Mr Sidharth Gera, *Founder & Designer, Logo Designing Agency*. The students were provided a glimpse into the entrepreneurial world and the skills it requires.

4th February, 2020: Training and Career Cell in association with Ashoka University conducted a session about the Young India Fellowship program. Its aim was to disseminate information about the utility and suitability of the program. Mr Bhaswar Faisal Khan, Deputy Manager, YIF admissions answered the queries of students regarding the fee structure and online applications among many more.

13th February, 2020: Training and Career Cell invited Mr Yashwant Pulumati, Senior Manager at The Indian School of Business to share insights of the YLP (Young Leaders Program) a deferred admission program offered by ISB. He also talked about the upcoming trend in B-schools in India and world over.

28th -29th February, 2020: Blueprint'20 was organised by the Entrepreneurship Development Cell. The event received participation from colleges like NSUT, JMC, SRCC, SSCBS amongst others. The aim of creating a unique, enriching and fun-filled experience for all the participants was well accomplished by the event. Blueprint'20 organised five events over two days namely, Mastermind, Herobidz, The Philip Kotler Show, The Start-up Story and Earth 2050. The events celebrated the spirit of entrepreneurship, putting to test all possible aspects of it, right from marketing skills to their financial acumen.

5th March, 2020: The Social Responsibility Cell team went a notch up to organise the very first edition of INNOVISION'20 to light up the spark of social accountability within the students. The motive of the event was to spread awareness about social justice among the students. Ms Sana Hazari is an ex-investment banker from KPMG India and the founder of an impact advisory group- the Social Corporation and Mr Varhaen Khanna, a trustee of the New Delhi Nature Society, graced the dias. They enlightened the students with their ideas about

CSR, social fund raising, environment protection and being socially cognizant. Their success stories and contribution to society served as an inspiration to the participants.

Department of Mathematics

Subject Society - Harish Chandra Mathematical Society

19th July, 2019: An orientation program was organised by the department for the new batch of students. It was an interactive session with the parents of the students and the faculty members clarified all their queries.

24th July, 2019: Students attended various sports activities and attended the presentations by different college societies.

3rd August, 2019: A visit to National War Memorial and Sunder Nursery was organised for the freshers of the department under the Induction Program.

31st August, 2019: A lecture was delivered by Pawan Kumar of Maitreyi College. He is an alumnus of the college. Students preparing for competitive exams benefitted from this lecture.

6th September, 2019: An undergraduate research seminar was organised to encourage and motivate the students of towards research in mathematics and demonstrate how mathematics is connected to other disciplines. 3 teams participated in the one-hour session and it was attended by 57 students.

4th – 5th October, 2019: A two-day extravaganza MATHRIX was held with a great line-up of events and competitions. The event witnessed a footfall of around 290 students, out of which 70 were from outside college. The event began with Prastuti – an array of creative presentations in various fields of Mathematics. Mathematical Movie comprised a documentary on great mathematician Prof. S S Srikhande which was presented by Dr. Arun S Muktibodh. Next two events were Sudoku and Mathematical Crossword. On the second day, the event Brainiacs made students to think out of the box and tried to unleash the coder in them. Chamber of Mathematics assessed the presence of mind, analytic skills and power of retaining visuals of the participants. Contradiction entailed a debate while Geometrical Paradise required students to exhibit their artistic skills combined with Mathematics. The online competition Modulo was organized between 26-09-19 and 01-10-19.

2nd March, 2020: A guest lecture by Dr. Gopal, Post-doctoral fellow at IISc, Bangalore, was organised. He spoke on the topic "What is dx in $\int f(x) dx$?" Students found the interactive session very interesting.

12th - 17th March, 2020: Mathematics Training and Talent Search Programme funded by National Board of Higher Mathematics. It is one of the most popular training programs in India. Prof. Bhaba Kumar Sarma, from IIT Guwahati, Prof. B.S. Upadhyaya from RIE MYSORE, and Prof. A. J. Jayanthan, from Goa University were the resource persons for this 6-day training program. The event was coordinated by Dr. Mamta Amol Wagh. 48 students from different institutions of Delhi-NCR, Punjab, Rajasthan, Haridwar and Kashmir registered for the

program. The programme was abandoned due to the government advisory in view of Corona-virus pandemic.

Department of Operations Research

Subject Society- Optizone

27th July, 2019: The Convener of the society, Dr. Veena Jain organised an orientation program cum career counselling session was organised by the society. The event apprised the students about the society, previous events, and the schedule of upcoming events and also the progress report of the alumni. The career counselling session involved a team of seven experts from Cargo Flash Infotech Pvt. Ltd. who made the students aware about the opportunities in operations research discipline. The event was led by.

9th -10th August, 2019: A Two-day hand on Workshop on the theme “Design Thinking led innovations” was conducted by Mr. Subhajit Bhattacharya, Senior Program Manager (Innovations & Strategic programs) from Accenture. Design Thinking is an emerging technique to introduce innovative ideas developed through collaboration, knowledge sharing, brainstorming, and team work. Dr. Veena Jain, Convener of the society, also participated in the workshop. Fifty students from various courses participated in the workshop.

6th -7th September, 2019: Two-day hands-on training program on the theme Microsoft Power BI. The event was organised to teach students about the basic and advanced usage of the software Microsoft Power BI which is a Business Analytics Suite and is being extensively used for data analytics, data visualisation, data mining, integration of data and drawing Business Intelligence from it, in the corporate world. The Workshop was conducted by Mr. Subhajit Bhattacharya, Senior Manager (Innovations and Strategic Programs) at Accenture.

6th November, 2019: A plantation drive was organized in collaboration with Paramarthy-Ek Prayatan, a renowned NGO working towards clean public places in and around Dwarka. The plantation drive was conducted near DPS, Matiala bus stop. Dr Veena Jain and thirty students of the course participated in this noble cause of increasing the greenery in the area and were accompanied by the members of the NGO at the plantation spot.

6th November, 2019: One-day workshop on STATCRAFT was organized in collaboration with by the team of Binary Semantics members. Later, a member of the technical team from Predictive Analytics company which has developed the STATCRAFT software and is based in Bangalore, delivered the basic knowledge about the software, its installation, application and merits over other analytics-based software.

Department of Physics

Subject Society – Aryabhatta Science Forum [Convener: Dr P.L. Meena]

2nd August 2019: Under guidance of Dr. Savita Gahlaut (Teacher-in-charge) and Dr. P. L. Meena (Convener), an inaugural talk by Dr. Sushil Chandra, Head of Department Biomedical

Engg. at INMAS, Defence Research and Development Organization (DRDO), was organised as a part of the Induction Program. The theme of the talk was “Technology Trends: Virtual Reality, Augmented Reality, and Artificial Intelligence”.

17th August, 2019: Educational trip was organised as a part of the Induction Program to the National Science Centre and Waste to Wonder Park at New Delhi. Dr. Savita Gahlaut, Dr. Kulvinder Singh, Dr P. L. Meena and Dr. Pinki along with 39 students went for the trip.

30th August, 2019: An interactive talk session under Alumni Interaction Program was organised. Dr. Surbhi Gupta is currently working as an Assistant Professor at the Graduate School of Computer Science & System Engineering, KIT, Japan. She addressed the students on the theme “Spin Transport Measurement Techniques for Metallic Bilayer Structures”.

5th September 2019: On the occasion of teacher's day, an interactive talk by Dr. Alok Prakash Mittal, AICTE Member secretary was organised on the topic “Teaching learning process and teacher student relationship”. The lecture was a celebration to appreciate the hard work and thank the selfless efforts done by the teachers over so many years.

4th -5th October, 2019: The annual fest of the department of physics, AAVEG was organised under the convenor of society, Dr P.L. Meena. The event comprised a variety of events including debate, Pictionary; quiz competition; online digital poster designing competition etc.

Department of Zoology

Subject Society – Synapses [Convenor: Dr. Priya Goel]

27th July 2019: An educational trip was organized as a part of the Student-Induction Program for B.Sc.(H) Zoology 1st year (2019-20 Batch). A total of 23 students along with 6 faculty members of the department joined the trip. The students visited the National War Memorial, situated near India Gate, New Delhi and the National Science Centre, Pragati Maidan, Delhi. The students took a tour of various galleries and found the various exhibits kept in the galleries quite informative and exciting. The visit to National Science Museum was meant to inculcate scientific awareness and scientific temper among the students.

20th August 2019: The inaugural lecture titled “LIFE: understanding with uncertain knowledge – halting human induced amphibian extinction” by Prof. Satyabhama Das Biju (the Frogman of India) Head, Department of Environment Studies, University of Delhi, was organized. Dr. Biju, in an interactive session, gave a rhetoric overview of his work, which includes discovery of over a 100 new species of frogs and conservation works for the threatened amphibians. The session also gave students an insight into the campaign 'Lost Amphibians of India' that aims at rediscovering amphibian species that have not been sighted for long.

5th September, 2019: Students of the Zoology department organized "**Teachers' day**" to venerate their teachers. The event was a tribute to the phenomenal teachers, who contribute enormously to children's lives.

26th September, 2019: A Freshers' party was held for the 1st year students of B.Sc.(H) Zoology.

4th October 2019: The intercollege annual festival, Zoofestea'19 was organized and as a part of it various activities like plantation drive, Pixel 2.0 (Photography), Crafronics (online logo making), Canvas (painting), Cerebrosus 2.0 (Quiz) were conducted. The events drew participation from students of the college as well as various other colleges of University of Delhi. An exhibition of student's handmade posters and paintings related to science and fiction was on display.

30th September and 1st October, 2019: An outreach activity was arranged to Ashoka University for a Mini-symposium on "Genetics and Evolution: Intertwined Strands" jointly organized by Indian Academy of Sciences and Ashoka University (Conveners: Dr. Sudhir Verma and Dr. Priya Goel)

23rd October 2019: Kartikeya, the student of B.Sc.(H) Zoology batch 2018-19 was called for interaction with the current batches of B.Sc.(H) Zoology, as the quiz master in a quiz competition and as part of the alumni interaction program.

9th November, 2019: One-day educational trip was organised to Aravalli Biodiversity Park, Poorvi Marg, Vasant Vihar, New Delhi for students of B.Sc. (H) Zoology 1st semester and B.Sc. Life Sciences 1st semester to understand the ecology and biodiversity of the park. A total of 63 students along with four faculty members of the department joined the trip.

8th January, 2020: A visit was organised to National Institute of Immunology (NII), Delhi for DBT-BIRAC Leadership Dialogue Series Lecture by Dr. Eric Green on the theme "From the Human Genome Project to Precision Medicine: A Journey to Advance Human Health". Around 30 students from B.Sc. (H) Zoology along with Dr. Priya Goel, Dr. Kamlesh Kumari and Dr. Nitish Mahato attended the same.

28th January, 2020: Hands-on workshop titled "Science Illustrations" by Dr. Ipsa Jain (Freelancer science illustrator @ipsawonders) was organized. (Coordinator: Dr. Sudhir Verma)

1st February, 2020: Educational visit to Zebrafish facility at Institute of Genomics and Integrative Biology (IGIB) - a premier institute of CSIR, was organised. At IGIB the exploration commenced with an enriching and interactive lecture by Dr. Sridhar Sivasubbu on "Zebrafish models for biomedical research". (Event convener: Dr. Priya Goel)

17th February, 2020: Campus Bird Count and introductory lecture by Ms. Misha Bansal (Coordinator for Campus Bird Count, Delhi and Project Fellow, CEDAR) was organized. (Event conveners: Dr. Sudhir Verma and Dr. Priya Goel)

21st -24th February, 2020: An educational visit to Himalayan Trout Fish farm, Manali, Himachal Pradesh was organised. 67 students along with Dr. Priya Goel, Dr. Sudhir Verma and Dr. Nitish Mahato joined the trip.

5th March, 2020: An educational visit to Reproductive Biology lab, National Institute of Health and Family Welfare (NIHFW), New Delhi was organised to provide the students with an insight into the general procedures involved in reproductive physiology and *in vitro* fertilization (IVF). (Event Conveners: Dr. Priya Goel and Dr. Anina James)

STUDENT LECTURE SERIES

12th September, 2019: The first lecture of the session was delivered by Chetan Choudhary, B.Sc. (H) Zoology III Semester on. The title of the lecture was “Coloration in Chamaeleon”.

4th November 2019: Akanksha, Simran Singh and Simran Rana, B.Sc. (H) Zoology III Semester presented a lecture titled “Bioluminescence: the language of light in fireflies”.

27th January, 2020: The third lecture of the session was delivered by Sahil Gandhi, B.Sc. (H) Zoology, VI Semester on the topic, “Patient Zero: HIV”.

12th February 2020: Ankita Kapil, Yogita Tomar and Divya Sharma, B.Sc. Life Sciences II Semester presented on the title “Coronavirus- the 2019-nCoV”. The recent spread of the 2019-nCoV from Wuhan, China to other parts of the world has led to a near pandemic situation.

LIBRARY REPORT

The College library has been successfully undertaking automated operation since last one & - a-half decade using professional database software through network of client-server systems.

It has up-to-date bibliographic database of books and journals. The library has added **1143** volumes of books this year, making its total collection as **46,732** volumes of books. The library subscribed to **50** journals & magazines of national and international repute in the relevant subject areas. Besides this, the library subscribed to **15** national newspapers. It has **613** bound volumes of journals/ periodicals and **850** CDs in its collection.

In addition to the printed books, the library also provides internet-based access to e-resources and print-out services. As many as 04 databases, 10,000 e-journals and more than 1 lakh e-books can be retrieved electronically through various resource sharing networks.

The library held its User Orientation Program on 18th-19th, July 2019, for the new batches in its reading hall which is fully air-conditioned with a seating capacity of around 300 persons.

The entire collection is heavily used by students with approx. 35836 transactions in this year. Interested students of the weaker sections were also issued books under book-bank facility.

The Library organized a one-day seminar on the topic “*Learning & Scholarship in the Digital World: Opportunities & Challenges*”, which was held on 2nd March, 2020 in the College Auditorium. This was attended by more than 230 participants comprising of students, researchers, faculty and other staff members. Dr. Jagdish Arora, Advisor, National Board of Accreditation (NBA) and former Director, INFLIBNET Centre, Gandhi Nagar, was the Chief Guest and Prof. Ramesh C. Gaur, Dean & Director (Library & Information), Indira Gandhi National Centre for Arts, Delhi was the Guest of Honour. Various topics related to the theme of the seminar, such as *E-learning and MOOCs; Plagiarism and research ethics; Access to e-resources at DU; Software tools for reference and citation management* were deliberated upon.

Vendor presentations on E-books were given by M/s. Pearson Ltd. and M/s. elib4u. A demonstration on anti-plagiarism software was also given by M/s. Turnitin.