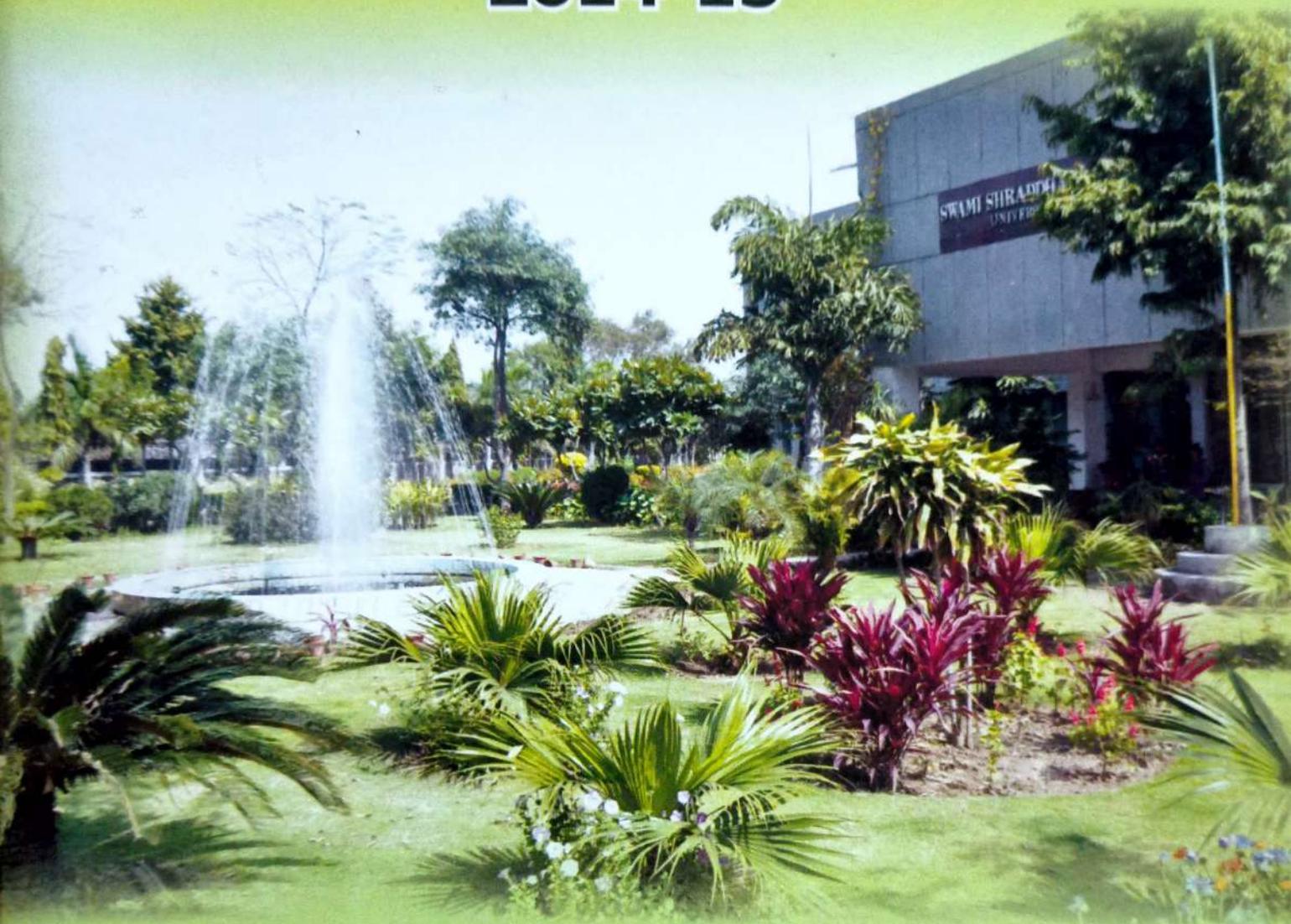


# ANNUAL REPORT

## 2014-15



**SWAMI SHRADDHANAND COLLEGE**  
University of Delhi



**ANNUAL PRIZE DISTRIBUTION FUNCTION-2014**

Monday, the 2<sup>nd</sup> April, 2014 at 9:30 A.M. in the College premises  
 Guest: Prof. H. Devaraj, Vice-Chancellor, University Commission



**SWAMI SHRADDHANAND COLLEGE**  
 (University of Delhi) Alipur, Delhi - 36  
 Organises a Lecture on  
**Topic:- Kashmir-Strategic and Economic Importance**  
**Speaker : Shri Arun Kumarji**  
 Akhil Bhartiya Sah-Sampark Parmukh, Jammu Kashmir Study Centre  
**Venue : SEMINAR HALL, NEW BUILDING**  
**Date : 30.03.2015, Time : 11.00 am**  
 You are cordially invited  
 Dr. Parveen Garg, Acting-Principa  
 Dr. Anil Kumar, Co-Convener, Deptt. of Botany  
 Dr. Geeta Saxena, Convener, Deptt. of Botany

**FINANCIAL CRISIS? Why?**  
**FINANCIAL HOLD**  
 DEPARTMENT OF COMMERCE & ECONOMICS  
 Swami Shradhanand College  
**'AN ANALYTICAL FRAMEWORK FOR UNDERSTANDING GLOBAL FINANCIAL CRISIS'**  
**Venue : SEMINAR HALL, OLD CAMPUS**  
**Date : 31.10.2014, Time : 11.00 am**  
 Dr. K.V. Bhanu Murthy  
 N.R. Ghoshal, Manoj Ghoshal, Dr. S.K. Sanyal



## ANNUAL REPORT – 2014-15

Throughout India students from all walks of life were taught by the Gurus in the lap of nature. Swami Shraddhanand College is the first and foremost academic institution of higher education in the University of Delhi located in the rural suburbs of the city. It is situated in the sylvain ambience of North Delhi. Beginning from the Gandhi Ashram building in Narela forty six years ago, it has made great strides to become one of the premier institutes of the University of Delhi. The college is committed to helping students to become mature and responsible citizens of tomorrow by providing an integrated and multi-disciplinary education that can help a student to realize his/her true potential. The college has a highly qualified and dedicated teaching and non-teaching staff and is well-equipped with specialized laboratories and a spacious library with a large number of books. It has always been an endeavor of the college administration and teaching faculty to introduce new technologies to its students. The college is fully computerized and also integrated with the University of Delhi Library Systems. The college has an extensive playground, which provides an excellent opportunity for sports persons and athletes and prepares them to participate in various games and sports and to improve their skills and capabilities. Scholarships and free-ships are given to deserving students. Every year a number of prizes are awarded to students for their meritorious achievements in academic and extra-curricular activities. The student's societies and associations play vital role in improving the academic environs of the college. For each subject, there is a society to stimulate the interest of the students in the subject and establish its links with the society at large. The societies and associations sponsor lectures, seminars, exhibitions etc., and undertake programmes and organize activities to make the subject more interesting and relevant.

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Respected Chief Guest Dr. Mahesh Sharma ji, Hon'ble Minister for Culture & Tourism, Govt. of India, Guest of Honour Sh. Sharad Chauhan ji, MLA, Narela, Sh. V.D Sharma ji, Sh. Balmukand Pandey ji Prof. H.S. Prasad ji, Chairman, Prof. Rajesh, Treasurer, Governing body, Members of Governing Body, Guests; Members of the Teaching and Non-teaching Staff and Students.

On behalf of the academic fraternity of Swami Shraddhanand College, I extend a very warm and hearty welcome to Dr. Mahesh Sharma who is our Chief Guest on the occasion of the 47<sup>th</sup> Annual Prize distribution function of the college. I also welcome Sh. Sharad Chauhan, Sh. V.D. Sharma, Sh. Balmukand ji, Prof. H.S. Prasad, Prof. Rajesh, Members of Governing Body, Guests, Members of Teaching and Non-teaching Staff and Students.

**Dr. Mahesh Sharma** credentials are so vast that it would be difficult for me to describe them in detail.

|                      |   |  |
|----------------------|---|--|
| 1984-93              | : | Sarpanch, Village Panchayat, Durbhat (two terms)<br>Minister of state (Independent charge)<br>Ministry of Culture<br>Ministry of Tourism<br>Minister of State Civil Aviation   |
| Present Position     | : | Member of Parliament-16th Lok Sabha, Gautambudh Nagar, U.P.  |
| Positions Held       | : | Indian Medical Association 2001-2002 & 2002-2003 (Noida Branch).<br>IMA Building Committee, Noida.<br>Noida Kennel Club.<br>Sanatan Dharam Mandir Trust.<br>Bhaurao Devras Vidya Mandir<br>Bhaurao Devras Seva Nyas – member |
| President / Chairman | : | Chairman - IMA Standing Committee "Aao Gaon Chalen".<br>Chairman- IMA Standing Committee for Public Relations.<br>Indian Medical Association 1987-89.  |
| Secretary            | : | Kailash Charitable Trust.<br>Constitution Club of India, New Delhi<br>Indian Council Agricultural Research Society (ICAR) of India.<br>Rajasthan Kalyan Parishad<br>Sector 15A Club, Noida                                   |

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|                      |   |
|----------------------|---|
|                      | Golf Course   |
|                      | Bharat Vikas Parishad   |
|                      | Giant group, Noida  |
| Life Member/Member/: | Lok Manch   |
| Patron               | Shri Jee Gau Sadan  |
|                      | Ayyapa Mandir Sector-62 (Patron)                                  |
|                      | Bal Bharti Public School, Sector 21, Noida (Management Committee) |
|                      | Indian Medical Association (1984)                                 |
|                      | UP State IMA (1984).  |
|                      | UP State Nursing Home Association.                                |

### **Social and Cultural Activities**

Actively participating in various social and cultural activities.

### **Special Interest**

Healthcare Services, Management, Administration and Political Affairs

### **Political Career**

Dedicated follower of Rashtriya Swayam Sevak Sangh (RSS) since childhood. Actively associated with ABVP during student career and thereafter joined Bharatiya Janata Party as an active member. Actively participated and managed previous eight elections of Lok Sabha/Vidhan Sabha held at Gautambudh Nagar. Elected as M.L.A. from Noida Legislative Assembly Constituency, Uttar Pradesh in March, 2012. Elected as M.P. from Gautam Budh Nagar Parliamentary Constituency, Uttar Pradesh in May, 2014. It is the first time that a Candidate in Gautam Budh Nagar Lok Sabha Constituency won in all five Vidhan Sabha Constituencies falling under it.

### **Awards & Honours**

Honorary Doctorate from Amity University. Business Sphere Award (Trophy) for the year 2009-2010 titled Best Super Speciality Hospital for the Masses presented by Dr. Farooq Abdullah & Dr. Ramesh Pokhariyal 'Nishank'. More than 200 National & International awards from different fields (Social work/health awareness programmes). Noida Management Association Award-2007 awarded to Kailash Group of Hospital. Indra Gandhi Appreciation Award, 2006; Delhi Hindi Sahitya Sammelan Award, 2004-05. Invited to International Convention Centre, OSAKA-Japan, in 2003 as a Speaker & Panelist to discuss about 'Asian Ventures Business'. UP State IMA Award-2002. Giant's International Award-2001 for Social Service. Delhi Medical Association Award-2001 for Community Medicine Services. Lion's Club Award-2000 for Social Service. Rotary International Award,

1998 for Social Service. UP State IMA Award in 1989 for Best U.P. State Annual Conference Organizer. "Effective Personal Productivity certificate from Leadership Management International, Texas (USA) in 1999.

### **Entrepreneurship**

Possessing an inborn quality of leadership and has proven capability of managing the business affairs efficiently. Started career as a General Physician from a small clinic at Sector-19, Noida in 1983. Sensing the growing medical needs of the society, soon established a chain of super/multi-speciality hospitals at Noida, Greater Noida, Behror (Rajasthan), Delhi and Haridwar with a clear vision to provide the healthcare services par excellence at reasonable cost. Being Chairman of Kailash Group of Hospitals managing the following super/multi-speciality hospitals successfully: 1. Kailash Hospital & Heart Institute, Noida (325 beds, super-speciality, NABH & NABL accredited hospital); 2. Kailash Health Village, Noida (Ayurvedic, Yoga and alternative medicine training & research); 3. Kailash Hospitals Ltd., Greater Noida (210-bed, multi-speciality hospital); 4. Kailash Institute of Naturopathy Ayurveda & Yoga, Greater Noida; 5. Kailash Hospital, Behror, Rajasthan (250-bed, multi-speciality hospital); 6. Deepak Gupta Memorial Hospital, Delhi (110-bed, multi-speciality hospital); 7. Shri Swami Bhuma Nanad Hospital, Haridwar (100-bed multi-speciality hospital); 8. Upcoming hospital of Jewar & Khurja (U.P.) & Dehradun (Uttarakhand). Being philanthropic by nature, also running a Trust in the name of "Kailash Charitable Trust" to provide the much needed medical facilities to the poor and needy persons free of charges. The trust is also providing financial support to the poor students for study purpose.

**Shri Vishnu Dutt Sharma** has been appointed as National Vice-President of Nehru Yuva Kendra and he has acted as Rashtriya Mahamantri, Kshetriya Sangthan Mantri (MP) of ABVP.

**Shri Balmukund Pandey** is presently organizing secretary of Akhil Bhartiya Itihas Sankalan Yojna. He has organized and participated into more than 35 national and international seminars of History. He had been main speaker in a number of national and International Seminars/workshops/ symposium.

Our other distinguished guest, **Sh. Sharad Yadav**, is a well-known social activist of this area, who has worked extensively at the grass-root level. He is a member of the Delhi Legislative assembly (MLA) from Narela. His contribution to the academic as well as infrastructure growth of the college in the past few years is highly appreciable.

**Prof. H.S. Prasad**, Chairman Governing Body is professor of Philosophy, University of Delhi. He has worked as CSIR Scientist at Banaras Hindu University, 1982-83; as Lecturer, UGC Research-B (Reader), & Research Scientist-C (Professor), in the Department of Philosophy, Delhi University, 1983-2008; now as Professor of Philosophy at the same place since 2008 and also as Head, Department of Philosophy and Dean, Faculty of Arts since May, 2009.

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His distinction in the field of Philosophy comprises of:

- 1969-1973 : National Merit scholarship;
- 1973-1975 : Department of Philosophy, BHU Scholarship;
- 1976-1977 : Banaras Hindu University Ph.D. Scholarship;
- 1979-1982 : The Australian National University Ph.D. Scholarship;
- 1982-1983 : CSIR Scientist, New Delhi;
- 1983-1988 : Lecturer, Department of Philosophy, University of Delhi;
- 1988-1993 : UGC Research Scientist-B (Reader);
- 1993-1995 : UGC Research Scientist-C (Professor), Visiting Professor at Bamberg University, Germany;
- 1996 : Visiting Professor at Mangala Vihar (Buddhist & Pali College), Singapore, March- June, 1996;
- 1997 : German Academic Exchange Service (DAAD) Fellowship, Department of Philosophy, Bamberg University, Germany, May-July, 1997;
- 1999 : UNESCO expert on the Philosophy of Interculturality (one week);
- 2001 : Technical University, Berlin, July-October, 2001.

### **He has worked in following Committees and Boards:**

Member: Executive Council, University of Delhi;

Head, Department of Philosophy, University of Delhi;

Dean, Faculty of Arts, University of Delhi;

Chairman: Board of Research Studies in Humanities, Faculty of Arts, University of Delhi;

Chairman: D.S. Kothari Hostel, University of Delhi;

Chairman: Library of Arts Faculty, University of Delhi.

### **Member**

Board of Governors, Academic Council and Finance Committee, The Central University of Tibetan University.

### **Memberships**

International Association for the History of Religion.

### **Office-Bearer**

General Secretary, Indian Association for the Study of Religion.

**Prof. Rajesh**, Treasurer Governing Body is former Head, Department of Adult Continuing Education & Extension, University of delhi. He has 25 years of teaching & research experience in the University of delhi. He has contributed 7 books, 58 research articles and 84 articles. Prof. Rajesh introduced M.A. & M.Phil. programme in the department

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on international pattern. He was National Level Member of Transgender Committee under the Ministry of Social Justice & Empowerment, Govt. of India. He has organized National/international Workshops on Human Rights, transgender and professional development of Lifelong Learning & Extension. Prof. Rajesh visited Centre for Lifelong Learning, Scotland and offered DAAD scholarship by German University. He was awarded by the Government in the field of Health.

### **ADMISSIONS**

The total number of students in the college for 2014-2015 session is 3972. More significantly, the cut-off percentages for admission in I<sup>st</sup> year to various courses.

| <b>S. No.</b> | <b>Course</b>                                   | <b>Percentage of Marks</b> |
|---------------|---|----------------------------|
| 1.            | Bachelor with Honours in Physics                | 89                         |
| 2.            | Bachelor with Programme in Commerce             | 83                         |
| 3.            | Bachelor with Honours in Botany                 | 72                         |
| 4.            | Bachelor with Honours in Zoology                | 78                         |
| 5.            | Bachelor with Honours in Microbiology           | 82                         |
| 6.            | Bachelor with Programme in B.A                  | 78                         |
| 7.            | Bachelor with Programme in Phy. Science         | 78                         |
| 8.            | Bachelor with Programme in Life Science         | 72                         |
| 9.            | Bachelor with Programme in Applied Life Science | 68                         |
| 10.           | Bachelor with Honours in English                | 83                         |
| 11.           | Bachelor with Honours in Hindi                  | 75                         |
| 12.           | Bachelor with Honours in Geography              | 72                         |
| 13.           | Bachelor with Honours in History                | 72                         |
| 14.           | Bachelor with Honours in Commerce               | 85                         |

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### Number of Seats in various Courses Ist year

| S. No. | Course  | Students |
|--------|---|----------|
| 1.     | Bachelor with Honours in Physics                | 60       |
| 2.     | Bachelor with Programme in Commerce             | 50       |
| 3.     | Bachelor with Honours in Botany                 | 60       |
| 4.     | Bachelor with Honours in Zoology                | 60       |
| 5.     | Bachelor with Honours in Microbiology           | 31       |
| 6.     | Bachelor with Programme in B.A                  | 40       |
| 7.     | Bachelor with Programme in Phy. Science         | 40       |
| 8.     | Bachelor with Programme in Life Science         | 120      |
| 9.     | Bachelor with Programme in Applied Life Science | 120      |
| 10.    | Bachelor with Honours in English                | 62       |
| 11.    | Bachelor with Honours in Hindi                  | 100      |
| 12.    | Bachelor with Honours in Geography              | 60       |
| 13.    | Bachelor with Honours in History                | 60       |
| 14.    | Bachelor with Honours in Commerce               | 420      |

### NEW PERMANENT FACULTY

1. Dr. Uma Shankar Chaudhary, Department of Hindi;
2. Dr. Pratibha Rana, Department of Hindi;
3. Dr. Aishraya Mishra, Department of Hindi;
4. Dr. Sudhanshu, Department of Hindi;
5. Dr. Anil Kumar, Department of Hindi;
6. Mr. Umesh, Department of History;
7. Dr. Sadhana Kushwaha, Department of History;
8. Dr. Devender Kumar, Department of History;
9. Dr. B.L. Swarnkar, Department of History.

### ADMINISTRATION

Mrs. Neha Malik and Mr. Parvesh Bhardwaj as Assistant, and Mrs. Kanchan Saluja from Sr. Assistant to Section officer Accounts and Mr. Bal Kumar from Assistant to Sr. Assistant in the Accounts.

During last year, we have been able to achieve an all round improvement in the functioning

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of the Administration and Accounts Section of the college. For affecting these reforms, credit for this goes to Mrs. Kanchan Saluja, Section Officer (Accounts), Mr. S.K. Dahiya S.O. Admn. (Oftg.), Mr. Rahul Pathak, Sr. Assistant (Admn.), Mr. Bal Kumar, Sr. Assistant (Accounts) and Mr. Parvesh Bhardwaj, P.A. to Principal.

Mr. D.V. Bhardwaj, Administrative Officer (Oftg.) is pursuing Ph.D. in Commerce from Pacific University, Rajasthan.

D.V. Bhardwaj, edited a book, entitled "Ethics and Politics of Indian Economy" (2015) ISBN: 978-93-82825-34-0, with Dr. Preeti Sachar published by Shri Krishna Sahitya Sadan, New Delhi. Mr. Bhardwaj, published an article on "Ethics Corporate Governance and Corporate Behavior: A Review, in this book.

1. He attended a national seminar organized by UGC, Mohan Lal Shukadia University, Udaipur, Rajasthan on 28<sup>th</sup> & 29<sup>th</sup>, February 2015.
2. Presented a paper, entitled "Management Challenge for the 21<sup>th</sup> Century: A Conceptual Study in India" in the national seminar organized by Banaras Hindu University, Varanasi (U.P.), on 24<sup>th</sup> & 25<sup>th</sup> March, 2015.
3. Presented a paper, entitled "Emerging Issues & Challenges in e-Retailing: The Indian Perspective" in the national seminar organized by P.G. Government College, Chandigarh, on 21<sup>st</sup> February, 2015.
4. Presented a paper entitled "International Standards and Practices for Accounting, Audit and Non- Financial Disclosures," in the two days, UGC national seminar organized by Department of Accounting, Jai Narain Vyas University, Jodhpur, on 6-7 February, 2015.
5. Presented a paper entitled "Integrated Reporting going beyond the Financial Result" in the two days, UGC National Seminar organized by Department of Accounting and Business Statistic, University of Rajasthan, Jaipur on 22 February, 2015.
6. Presented a paper entitled "Professional Ethics for Teachers in Education: A Study Conceptual Study" in the two days, UGC national seminar, organized by Department of Management of Studies, Pacific University, Udaipur, Rajasthan, on 11-12 January, 2015.
7. Presented a paper entitled "Accounting for Financial Instruments Conceptual Paper" in the two days, 37<sup>th</sup> International Seminar and Conference, organized by Indian Accounting Association in collaboration with, Lucknow University, Lucknow, on 8-9 November, 2014.

### **Donation**

Mr. D.V. Bhardwaj, A.O. (Oftg.) & Mr. Bal Kumar, Sr. Assistant, Accounts, donated two wheel-chairs for Person With Special Ability.

## DEPARTMENT OF BOTANY

**Dr. Geeta Saxena** and **Dr. Parveen Garg** attended a workshop on “Biology and Technology of Cultivable Mushrooms” on 18-19 February, 2014, organized by Institute of Lifelong Learning, University of Delhi, South Campus.

**Dr. Pradeep Kumar** co-authored a book titled “Environment Chemistry” published by University Publications, ISBN: 978-81-7555-662-1, 2014.

**Dr. Bhawna Saxena** contributed following Chapters for ILLL in 2014:

1. **Giri, B.** and **Saxena B.**, ‘Mycorrhizal Associations in Plant’.
2. **Sharma, K.R.** and **Saxena B.**, ‘Morphology and Life Cycle of Aspergillus and Penicillium’.
3. **Sharma, K.R.** and **Saxena B.**, ‘Morphology and Life Cycle of Saccharomyces and Peziza’.
4. **Sharma, K.R.** and **Saxena B.**, ‘Morphology and Life Cycle of Neurospora and Altenaria’.

**Saxena, B., Subhramaniyam, M., Malhotra, K., Bhavesh, N. and Kumar, S.**, 2014, Metabolic Engineering of Chloroplast for Artemisinic Acid Biosynthesis and Impact on Plant Growth, Journal of Bioscience.

**Dr. Geeta Saxena** and **Dr. Bhoopander Giri** published a paper “Isolation & Screening of potential fungi & standarization of a process for the production of extracellular lipase” in DU Journal of under graduate Research and Innovation-2015.

**Dr. Parveen Garg** authored three books:

1. Cyanobacteria, Phycobilisomes and high temperature: A Kinetic Study, ISBN: 978-81-93031-41-4 published by Techno World Press.
2. Genetically Modified Crops: New Technology for developing countries, published by published by Techno World Press ISBN: 978-8193031-40-7.
3. Mushroom Cultivation; ISBN: 978-81-93031-42-1 published by Techno World Press.

## DEPARTMENT OF CHEMISTRY

Department of Chemistry organized a Book Fair-2014, in the New Campus of Swami Shraddhanand College. Department of Chemistry also published the first edition of ‘Magazine’ named “CHEMICA”.

### Teachers achievements

Chapters entitled “Some Aspects on Green Chemistry for Sustainable Future”, “Antioxidants: The Free Radical Scavengers” and “Scientific Appraisal of Waste Water Treatment” published in the book “Progress in Environmental Management” published by Research India Press, New Delhi in 2014 contributed by Dr. Saraswati Kanodia, Dr.

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Pradeep Pratap Singh and Dr. Seema Gupta respectively.

Dr. Pradeep Pratap Singh supervised students in the Summer Project-2015 entitled "Nanomaterials in waste water treatment".

Summer Project Chemistry-2014 entitled "Study of Physio-Chemical Parameters of Drinking Water of Alipur Block by using classical and automated instrumental methods, was carried out under the supervision of Dr. Saraswati Kanodia, Dr. Seema Gupta of our college.

Dr. Saraswati Kanodia and Dr. Seema Gupta supervised the Innovative Project (SSNC-205) entitled "Assessment of Microbial and Chemical Quality of Delhi-NCR Drinking Water Samples from Various Technologies Available to Make it Potable" of University of Delhi, in 2014 along with Microbiology Department.

Dr. Bhupinder Mehta co-authored book entitled "Organic Chemistry", revised and published by PHI Learning Pvt. Ltd. with ISBN 978-81-203-2441-1.

Dr. Pradeep Pratap Singh published a book chapter entitled "Bentonite: A Versatile Clay", 2015 (In press), published by Nova Publisher, USA. A research paper entitled "Activity Guided Isolation of Antioxidants from *Terminalia arjuna*" in the journal Natural Product Research was also published by Taylor & Francis in 2014.

Dr. Saraswati Kanodia and Dr. Seema Gupta participated as jury members for 4th National Level Exhibition and Project competition in October, 2014 by Ministry of Science and Technology, DST at Pragati Maidan, New Delhi.

Dr. Suman Yadav is the Principal Investigator of Innovative Project (SSNC-203), 2013-2014 entitled "Novel Anti-Corrosive, Antipollution Coating for the Prevention of Pollution". Two papers of Dr. Suman Yadav are accepted in "Indian Journal of Physical Chemistry" and "Journal of Applied Electrochemical" respectively.

Dr. Megha Munjal published a research paper entitled "Nickel and Copper Complexes of Pyrrolicarboxamide Ligands: Stabilization of M<sup>3+</sup> Species and Isolation of Ni<sup>3+</sup> Complexes," S. Kumar, M. Munjal, J. Singh, Rajeev Gupta\* Eur. J. Inorg. Chem. 2014, DOI: 10.1002/ejic.201402361). She is currently working as a content writer in module formulation for a prestigious project of UGC by the name of E-PG Pathshala.

Dr. Jaibir Kherb gave a talk on "Highlighting the Growing Role of Surface-Specific Spectroscopic Methods in Understanding Biochemical Phenomenon" at Goa University, Goa, India, in February, 2014.

Dr. Seema was awarded UGC Post-Doctoral fellowship for women candidates (2014-2015). Published the paper entitled "Organoclay Pluronic-F68 Montmorillonite as a Sustained Release Drug Delivery Vehicle" in European Chemical Bulletin in 2014.

Dr. Chhagan Lal published the paper entitled "Advance Successive Key for Solar Energy Conversion and Storage in Oxalic acid-DSS-Crystal Violet Photogalvanic Solar Cell

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System”, Chhagan Lal and K.R. Genwa, Current Advance in Energy Research, (1), 55-61, 2014.

Dr. Saraswati & Dr. Seema Gupta published a paper from the innovative project ‘SSNC-205’ in the DU Journal of under-graduate research & innovation, vol. I, p. 14, 2015.

### **DEPARTMENT OF COMMERCE**

The department organized a workshop, industrial visit and lectures series. The guest lectures were organized by the department for the students where eminent speakers were invited.

- On 17<sup>th</sup> September, 2014 a workshop was organized on “Companies Act-2013: A Move Towards Better Corporate Governance” by Prof. J.P. Sharma, Head of Dept. of Commerce, University of Delhi.
- On 31<sup>st</sup> October, 2014 a lecture was organized on the issue of “An Analytical Framework for Understanding Global Financial Crisis” by eminent speaker Prof. K.V. Bhanumurthy, Prof. of Economics, Department of Commerce, Delhi School of Economics, University of Delhi.
- On 29<sup>th</sup> January, 2015 the department organized a special guest lecture on ‘Legal Protection to Consumers in India’. The resource person was Prof. D.P.S. Verma, Former Professor, Delhi School of Economics, University of Delhi.
- Industrial visit was organized on 16<sup>th</sup> January, 2015, for the students of commerce department B.Com. (P) and B.Com. (H) to the Mother Dairy plant, New Delhi. Sixty students accompanied the faculty for the Industrial visit.

**Dr. P.V. Khatri**, Associate Professor of Commerce published a research paper titled “Unfair Advertising and Sales Promotion: Consumers’ Perception” in Global Journal of Business Management, New Delhi. He has also written in co-authored book titled “International Marketing: Text & Cases”, published by Global Vision Publishing House, New Delhi. He has also written another book in Co-Authored with Ms. Rashmi titled “Introduction to Business Finance”, published by Global Vision Publishing House, New Delhi. He was an external examiner of Ph.D. thesis entitled “Logistics Management, Transportation Policy and its Impact on Development of Yemen” submitted to North Maharashtra University, Jalgaon by Mr. Khaled Ablulaziz Mogammed Salem and also conducted its Viva Voice examination.

**Dr. Laxman Ram Paliwal** attended a national seminar organized by P.G. Government College, Chandigarh on 21<sup>st</sup> February, 2015 and presented a paper entitled “Emerging challenges and Issues in E-Retailing: Indian perception”.

- Attended a two day UGC national seminar organized by Department of Accounting, Jai Narain Vyas University, Jodhpur, on 6<sup>th</sup>-7<sup>th</sup> February, 2015 and presented a paper entitled “IFRS Practices and Auditing Standard: A study in Indian Context”.

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- Attended, a two day UGC National Seminar, organized by Department of Accounting and Business Statistics, University of Rajasthan, Jaipur on 21<sup>st</sup>-22<sup>nd</sup> February, 2015 and presented a paper entitled "Integrated Financial Reporting: A Analytical Study on the basis of Issues and Challenges."
- Attended, a two day UGC National Seminar organized by Department of Business Administration Jai Narain Vyas University, Jodhpur, and presented a paper entitled "Convergence of IFRS and Indian GAAP" published in "Management Perspectives and Challenges" ISBN: 978-81-900422-2-7.
- Attended, a two day 67<sup>th</sup> National Seminar organized by Indian Commerce Association in collaboration with KIIT University Bhubaneswar on 27<sup>th</sup>-29<sup>th</sup> December, 2014 and presented paper entitled, "Corporate Social Responsibility v/s Corporate Sustainability Responsibility: A Critical Analysis".
- Attended, a two day 38<sup>th</sup> International Seminar and Conference organized by Indian Accounting Association in collaboration with Lucknow University, Lucknow, on 8-9 November, 2014 and presented paper entitled "Creative Accounting: Meaning, Motivation and Ethical Issues." He also presented paper entitled "Accounting Education and Research: Challenges in Present Scenario."

Dr. Paliwal was also elected as Executive Committee Member of West Zone.

A Research paper entitles "Financial Literacy-An Essence of Financial Inclusion" has been published in Volume-4, Issue No. 3 July, 2014 of Inspira- Journal of Modern Management and Entrepreneurship (ISSN: 2231-167X).

### **Dr. J.S. Kadyan**

- Participated and chaired one technical session of the National Conference on Modern Trends in Accounting, Banking and Management, MTIABM 2015, organised by Department of Commerce, Padmashree Dr. D.Y. Patil, ACS, College, Pimpri, Pune, Maharashtra, on 16<sup>th</sup>-17<sup>th</sup> January, 2015. He also presented a paper titled, "Transforming Gandhian Vision through Rural Entrepreneurship" in the National Conference.

### **Book & Papers Published:**

- "Corporate Governance and Social Responsibility" Co-Authored, published by Global Vision Publication, New Delhi ISBN: 978-81-8220-638-0.
- "Working Capital Management" Co-Authored, published by Gigatech Publication, Pune, ISBN: 978-81-929699-0-9.
- "Business Accounting for Managers and Entrepreneurs", Co-Authored, published by Gigatech Publication, Pune, ISBN: 978-81-929699-1-6.
- "Business Environment", Co-Authored, under publication by Global Vision Publication, New Delhi.
- Published a paper titled, "Understanding Behavioural Disorders", in IJSMAAS, Vol.

3, Issue-1, January-June, 2014 ISSN: 2278-7771.

### **Research Project**

A research Project, under the Innovation Project 2013-14 of University of Delhi, awarded to our college has been successfully executed and is scheduled to be completed by the end of March, 2015. This project was for a period of 12 months & involved 10 students & 3 faculty members from different departments of our college. The project is titled, "A Cross Sectional Study on Professional Stress, Depression, Alcohol use & Quality of life Among IT/ITES Professionals in selected companies in NCR (National Capital Region)".

### **DEPARTMENT OF ECONOMICS**

The Department organized a Seminar on the topic "An Analytical Framework for Understanding Global Financial Crisis" Professor Bhanu Murti, Head of the Commerce Department, Delhi School of Economics, University of Delhi, was the speaker.

**Mr. Jeetendra Kumar Pandey** participated in a refresher course on Women Studies, organized by CPDHE, University of Delhi in December 2014. He also prepared a project on 'Evolution and Gender in India'. He has presented a paper on 'Economic Challenges and Response' in a National Seminar organized by PGDAV College, University of Delhi on *Devising Policy Strategies for India*, on 13<sup>th</sup>-14<sup>th</sup> January, 2015. Mr. Pandey published a paper in a reputed research journal, i.e. 'Economic Challenges and Response', *Bihar Journal of Political Science*, Vol. 4, No. 1, January-June 2014.

Vinod Kumar Mayala's publications:

- Banking Sector in India: Growth, Issue and Challenges' in B.S. Yadav, Anuj Goyal and Poonam Goyal (eds), *Development of Life Insurance Sector in India: Issues and Challenges*, published by Shree Publishers & Distributors, Delhi, 2014 (Co-authored).
- Vinod Kumar Mayala, 'Landfill Sites: Status and Planning in Delhi', B.W. Pandey (ed.) *Dynamics of Land Use Change: Sustainability and Management*, Research India Press, New Delhi, 2014 (Co-authored).
- Vinod Kumar Mayala, 'India and China: Russia's Intense Defence Clients' *The Public: Problems and Solutions, An International Research Journal*, Volume 3, No. 2, April-June 2014 (Co-authored).

Dr. Rachna Singh published six articles in *Daly News*, an online News paper available at [www.dailypostindia.com](http://www.dailypostindia.com) and two research papers in reputed journal, those are as follows:

- Rachna Singh, 'Foreign Trade Policy of India', *Anusilana, Research Journal of Indian Culture, Society and Philosophical Stream*, Year 10, Vol. LVII, 2014.
- Rachna Singh, 'An Overview of SAARC', *Paripreksya, A Research Journal of New Thought*, Year 3, Vol. XII, 2014.

## DEPARTMENT OF ENGLISH

The Department of English organized a Creative Writing Competition in English for students from all courses on 28<sup>th</sup> August, 2014. The topics ranging from the discursive to the narrative were given on the spot. The objective of the competition was to spot competent and creative young writers and it was encouraging to see the quality of the responses the competition elicited. The first, the second and the third prize winners were Bhavna Bisht, B.A. (Hons.) English, Debolina Bunik, B.Sc. Applied Life Science and AyushVatsa, B.A. (Hons.) English respectively. The consolation prizes were won by Akanksha Kaushik, B.A. (Hons.) English, Devvrat Singh, B.A. (Hons.) English, Shivani Pandey, B.A. (Hons.) English and Swarnakshi, B.Sc. Applied Life Science). The competition was conducted by Dr. Reena Sablok under the overall supervision of Dr. Pankaj Bhan, Teacher-in-Charge.

During the year under review, the faculty had many achievements to its credit. **Dr. Kuhu Chanana** was nominated as a member in a committee formed by UGC to form policies for the reservation of transgenders in academic institutions. Her paper entitled 'Homoeroticism and Re-accessing the Idea of Fallen Woman' with special reference to Keval Sood's 'Murgikhana' shall shortly be published in *Fallen Women in the East* published by Fordham University Press, USA. Dr. Chanana's work *LGTBQ Identities in Modern Indian Fiction*, being published by D.K.Print World, New Delhi, is also due to be released soon.

**Mr. Bijay Kumar Padhan** participated in a 3-week long Refresher Course in English conducted by UGC Academic Staff College, University of Calicut, Kerala from 11<sup>th</sup> February to 4<sup>th</sup> March, 2015.

**Dr. Reena Sablok** published a paper entitled 'Absalom Absalom as a Historical Fable' in *Creative Writing and Criticism* (ISSN– 0975-2370).

**Dr. Vibha Manoj Sharma** attended DSA Annual Conference on 'The Future of American Studies' organized by the Department of English, University of Delhi, in 2014. Her book *Sanskriti*, a collection of her poems and short stories, and another one *Faulkner's Treatment of Women*, a work of literary criticism, got published in the same year.

During the year, **Mr. Nitin Luthra** completed his M.Phil. from the Department of English, University of Delhi. He published a paper on 'George Eliot: A Scandalous Life, A Spurious Name' in *The Atlantic Review of Feminist Studies* and another one on 'Reading Ranciere: The Possibility of Politics, the Viability of Aesthetic' in *The International Journal of English language, Literature and Humanities*. He also wrote an e-lesson 'Voyage to Laputa' on the English novelist Jonathan Swift's *Gulliver's Travels* for the Institute of Life-Long Learning (ILLL), University of Delhi. Apart from these publications, Mr. Luthra participated in UGC's e-learning 'Paathshala' project being undertaken in collaboration with University of Delhi.

**Dr. Prabhakar Palaka** completed Ph.D. from J.N.U. and was awarded the degree on 14<sup>th</sup> November, 2014. The Title of the Thesis is "Politics of Writing: A study of Dalits in Odia Litrature". He participated and presented a paper titled "Quest for Identity in Odia Dalit Litrature: A reading of Basudev Sunani's poetry" in a two-days International Seminar (21<sup>st</sup>-22<sup>nd</sup> November, 2014), Bhubaneswar, Odisa. The same article has been published in a book titled "Buddhism and Dalits: A vision of Modern India" edited by Basudev Sunani. A book review on the book titled "English in dalit contest" edited by Sunitha Ramietal has been accepted for DU Journal ed. by Prof. Harish Trivedi. He also presented a paper in a day long symposium organized by Ambedkar Chair, J.N.U. on 13<sup>th</sup> February, 2015. The title of the paper is "*Identity and Dalit Litrature*".

### **DEPARTMENT OF GEOGRAPHY**

The department conducted Geo-fest on the theme, 'Living with Earth' and published the departmental annual magazine, "Geo-Vision" on the same theme. Two field excursions were carried out, one to Manali and other to Nainital. The Manali trip was taken under the charge of Dr. Anand Malik, Dr. Ajay Kumar and Aakriti Grover. The Nainital trip was taken by Dr. Ushvinder Kaur, Aakriti Grover, Dr. Ajay Kumar and Munesh Yadav.

**Dr. Ushvinder Kaur** worked as resource person for NCERT study material development in man made disaster & as Member of Selection boards of school teachers in Geography (central schools and GHPS schools).

#### **Dr. Preeti Sachar Malik**

- Published an article on "Gandhiji and His Feminist Approach" in ed. book entitled "Understanding Gandhi" Collection of Essays by Dr. Monica Sharma (2013) published by Shri Krishna Sahitya Sadan, Delhi.
- Article on "Irrigation Water Demand for Hindon Basin" in ed. book "Resources and Regional Development in India" by Rameshwar Thakur (etal) 2014, Rawat Publication, New Delhi.
- Published an article on "Indian Pricing Policy in India"; A Review in Book by Dr. Preeti Sachar and D.V. Bhardwaj entitled "Ethics and Politics of Indian Economy", 2015 ISBN: 978-93-82825-34-0, published by Shri Krishna Sahitya Sadan, New Delhi.

**Anjali Yadav** submitted her Ph.D. thesis in the session 2014-15.

#### **Aakriti Grover**

Articles published

- Singh, R.B. and Grover, A. 2014; Remote Sensing of Urban Micro Climate with Special Reference to Urban Heat Island Using Landsat Thermal Data, *Geographia Polonica*, 87 (4): 555-568.
- Singh, R.B. and Grover, A. 2014; Spatial Correlations of Changing Land Use, Surface

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Temperature (UHI) and NDVI in Delhi using Landsat Satellite Images. In *Urban Development Challenges, Risks and Resilience in Asian Megacities*; R.B. Singh, Springer, Japan, 2015, p. 83-98.

- Singh, R.B., Grover, A. and Zhan, J. 2014; Inter-Seasonal Variations of Surface Temperature in Urbanized Environment of Delhi Using Landsat Thermal Data, *Energies*, 7, 1811-1828.

### **Paper Presentation**

Paper presentation on “Monitoring Spatial Patterns of Land Surface Temperature and Urban Heat Island in Largest Metropolitan city of Mumbai, India Using Landsat TM Data” at International Geographical Union-Krakow, 17th -21st August 2014, Grover, A. and Singh, R.B.

### **Membership of Learned Bodies**

Executive Member, Association of Geographical Studies, 2014-15.

Dr. Ajay Kumar Gurjar attended a workshop on “Computer based Modelling in Geographical Research” at Chinese Science Academy, Beijing, China during 10<sup>th</sup>-20<sup>th</sup>, June, 2014.

### **Publications**

- “Climate Change and Ecosystem Services in Kullu Valley, Himachal Pradesh” in *Livelihood Security in Northwestern Himalaya* (Singh, R.B. and Heitala, R. (eds.)), Springer, Tokyo 2014.
- Published article on “Mitigating the Risk of Climate Change Induced Disasters in Arid Regions of India” in *Word Focus: Disaster Management in India*, Volume 415, July, 2014 (ISSN: 2230-8458).
- Published article on “Managing Natural Disasters” in *Teacher Plus: Facets of Geography*, Volume May-June, 2014, Orient Longman.
- *Dynamics of Rural Development in Delhi*, Research India Press, New Delhi.
- *Jal Sankat: Sanrakshan evam Bhavisya ki Chunautiya*, Jyoti Prakashan, Jaipur.

Dr. Jagbir Singh visited USA for Academic Purposes. Convened National Workshops and Conferences related to Technology, Environment, Sustainable Development and Disaster Management at University of Delhi, DCRUST, Murthal and other parts of India.

### **Students Achievements**

- Our Student, Uma Shankar secured second rank in the University, in 5<sup>th</sup> Semester, 2014.
- Two students, Avinash and Amit won first prize in quiz at Antardhvani, 2014.
- Uma Shankar and Kumar Bharati won the quiz competition in departmental festival organized by Department of Geography, Kalindi College.

## DEPARTMENT OF HINDI

Department of Hindi organized a Poem Recitation Competition, Essay Writing Competition held in October and November, 2014 respectively. Hindi Debate Competition was held in February, 2015 on the topic "Swachhata Abhiyaan- Ek Naitikpurna Kadam".

### Awards

**Mr. Gopal Lal Meena** was awarded Ph.D. Degree from Rajasthan University in 2014.

**Mr. Sudhanshu** was awarded Ph.D. Degree from University of Delhi in 2014.

### Paper's Presented

**Dr. Vineeta Kumari** presented a research paper in two days national seminar held on 30<sup>th</sup>-31<sup>st</sup> January, 2015 by Nav Unnayan Sahityik Society. Title of research paper was 'Gandhi Darshan aur Hindi Sahitya'.

**Dr. Pradeep Kumar** presented a research paper in two days national seminar held on 30<sup>th</sup>-31<sup>st</sup> January, 2015 by Nav Unnayan Sahityik Society. Title of research paper was 'Maakhanlal Chaturvedi ke Kavya Mein Gandhi Chetna'.

### Publication

Dr. Vineeta Kumari's research paper 'Niji Samachar Channel: Vicharaur Bazar' published in Research Magazine 'Sahridaya Patrika'.

Dr. Gopal Lal Meena's three research papers published in Global journal of Multi Disciplinary Studies. Two research papers published in 'Shabd Brahm' e-Magazine.

One day seminar will be conducted on 9<sup>th</sup> April, 2015 at 10 a.m. on the topic 'Hindi Sahitya ka Itihasa: Kuch Pahloo' and the chief guest will be Prof. Hari Mohan Sharma, Head, Department of Hindi, University of Delhi & Dr. Anil Roy, Associate Professor Department of Hindi, University of Delhi will be the special guest.

## DEPARTMENT OF HISTORY

**Mr. Kumar Sanjay Singh** completed a project under Indo-Canadian Shastri Fellowship. He contributed an article 'Fighting for the Past' in K.M. Srimali edited book Essays in Honour of R.S. Sharma in 2014.

**Mr. Ranjan Kumar** contributed Map work and list of Portraits in Devesh Vijay ed., "Prarambhik Adhunik Europe mein Sanskritik Pariwartan", published by Hindi Madhyam Karyanwayn Nideshalay, University of Delhi. A chapter on "Madhyakalin Bhartiya Sangeet: Bhakti and Sufi" (Medieval Indian Music: Bhakti and Sufi) in Bhartiya Upmahadwip ki Sanskritian Part-I ed. by Prof. R.C. Thakran, Shivdutt, Sanjay Kumar, published from Hindi Madhyam Karyanway Nideshalay, University of Delhi.

**Dr. Sadhna Kushwaha** published a book entitled "Bindhya Pradesh ka Udhbav aur Vikas" ISBN: 978-93-82825-16-6 (2014), Shri Krishna Sahitya Sadan, Delhi.

## Articles

“Bindh Pardesh Ki Bhagidari: Pratham Aam Chunav 1952 Ke Sandarb Mein” and “Bundelkhand ki Sandhi ke Antargat aane wali Riyasat ka Itihas”, published by Vaak Sudha, ISSN 2347-6605, February-April, 2014.

“Bharat mein Mahilayo ki Dasha” in Bhinsar, ISSN- 2348-7577 April, 2014.

**Dr. Suraj Yadav** attended a refresher course on “Environment Studies” at CPDHE, ILL, University of Delhi in 2014. He participated as a resource person and presented a paper at UGC’s sponsored National Seminar on “Recent Trends in Indian Political system” at L.N. Mishra Mithila University, Bihar.

## DEPARTMENT OF MATHEMATICS

**Ms. Neha Ahuja** attended an International Workshop entitled “Wavelets, Frames and Applications” held in Kirori Mal College, University of Delhi, Delhi during 24th-30th December, 2014.

Chapter entitled “Simple Linear Regression Analysis” published in the book “Ethics and Politics of Indian Economy” ISBN: 978-93-82825-34-0, 2015.

**Ms. Swati** attended a workshop entitled “Mathematical Modeling and Mathematica” organized by Non-Linear Dynamic Research Lab, USBAS, Guru Gobind Singh Indraprastha University, Delhi, in March, 2014.

## DEPARTMENT OF MICROBIOLOGY

The faculty members arranged a one day visit for the students of II<sup>nd</sup> and III<sup>rd</sup> Year B.Sc. (Hons.) Microbiology to the YAKULT manufacturing unit at Sonapat (Haryana) on 11<sup>th</sup> August, 2014, to help them better understand the basic workings of a fermentation unit and also to familiarize them with the various equipments, fermenters etc.

Faculty members along with students attended a one day symposium on “BIOFUELS: An alternative and non-conventional energy source for future”, held at Bhaskaracharya College of Applied Sciences on 2<sup>nd</sup> February.

The department organized numerous lectures for the benefit of the students:

1. Prof. R. K. Saxena, Head, Department of Microbiology, UDSC delivered a lecture on “Production of bacterial Cellulose”.
2. Prof. M. M. Chaturvedi, Director, Cluster Innovation Center, Delhi University enlightened the students with a motivational lecture relating to science.
3. Dr. Shivraj Tyagi, Harvard University, Medical School Boston gave a scintillating presentation on Immunology.

**Dr. S.K. Srivastava**

**Papers presented**

1. "Applications of Viruses as Nanoparticles for Drug and Vaccine Development" in Indo-US International Conference on Recent Advances in Structural Biology and Drug Discovery, held at IIT, Roorkee.
2. "Applications of Viruses as Effective Tools in Nanobiotechnology and Nanomedicine" in International Symposium cum Workshop– Frontiers of Structural Biology: New Advances in X-Ray Diffraction and Cryo-Electron Microscopy, held at INSA, New Delhi.

**Workshops and Conferences attended**

1. Basic Flow Cytometry Workshop organized by Beckman Coulter and All India Institute of Medical Sciences held at AIIMS, New Delhi.
2. Eleventh International Rota Virus Symposium jointly organized by WHO, CDC, NIH and ICMR, held at New Delhi.
3. Indo-US Clinical Cytometry Workshop organized by the International Society for Advancement of Cytometry and All India Institute of Medical Sciences, New Delhi.
4. Vaccine Advocacy in South East Asia organized by Geriatric Society of India, Influenza Foundation of India and Indian Academy of Pediatrics, New Delhi.
5. The 5<sup>th</sup> International Conference on Stem Cell and Cancer–Proliferation, Differentiation and Apoptosis held at J.N.U., New Delhi.
6. International Symposium in Radiobiology, Stem Cells and Cancer Research held at SLS, J.N.U., New Delhi.
7. International Conference on Antimicrobial Resistance, Novel Drug Discovery and Development: Challenges and Opportunities organized by SRM University and International Association of Medical & Pharmaceutical Virologists held at IHC, New Delhi.

**Dr. Anjana Kapoor**

1. Published a paper 'Isolation and Screening of Potential Fungi and Standardization of a Process for the Production of Extracellular Lipase' ed. Hemant Pandey, Apurwa Kestwal, Diksha Chauhan, Sangeeta Kumari, Vaishali Dhalwal, Gursharan J. Singh, Puja Singh, Parul Mann, Akanksha Sharma, Geeta Saxena, Anjana Kapoor and Bhoopander Giri in Journal of Undergraduate Research and Innovation. Paper No.10, Volume 1, February, 2015.
2. She attended the one day seminar of "Delhi Chapter of Indian Phytopathology" at IARI, New Delhi on 17<sup>th</sup> January, 2015.
3. She was a Member investigator in a DU-innovative project along with the Department

of Botany & was also involved in writing e-chapters for ILLL and UGC e-pathshala.

**Dr. A. Archana**

1. Published a paper 'Evaluating Microbial & Chemical Quality of Delhi-NCR Drinking Water, Enhancing its Standard & Spreading mass awareness' A. Archana, Parvinder Kaur, Saraswati Kanodia, Seema Gupta, Priyanka, Purnati Khuntia, Kumar Anadi Anant, Manti Kumar Saha, Shweta Jaiswal, Ayush Sharma, Ashish Tiwari, Anju Mehra, Anjali Panchal and Sumit Kumar in Journal of Undergraduate Research and Innovation, Paper No. 2, Volume-1, February, 2015.
2. She served as a jury member to assess the All India School Children Science projects at INSPIRE All India Exhibition.
3. Attended a one day workshop on "IPR, Patents and Patentability Assessment", conducted by the IPR Cell and the Research Council, under the aegis of MHRD IPR Chair at Cluster Innovation Centre, Delhi University on 4<sup>th</sup> September, 2014.
4. Written a chapter along with Dr. Lakshna Mahajan on "Gut Microbiota and Human Health", to be published soon in a book by Nova Publishers, USA.
5. She is actively involved in writing e-chapters for ILLL of which some have already been published online.
6. Have also reviewed many chapters written by other authors, on fermentation and RDT.
7. Principal Investigator in a DU-innovative project along with the Chemistry Department.

**Dr. Parvinder Kaur**

1. Published a paper 'Evaluating Microbial & Chemical Quality of Delhi-NCR Drinking Water, enhancing its Standard & Spreading mass awareness' ed. A. Archana, Parvinder Kaur, Saraswati Kanodia, Seema Gupta Priyanka, Purnati Khuntia, Kumar Anadi Anant, Manti Kumar Saha, Shweta Jaiswal, Ayush Sharma, Ashish Tiwari, Anju Mehra, Anjali Panchal and Sumit Kumar. in Journal of Undergraduate Research and Innovation. Paper No. 2, Volume-1, February, 2015.
2. She attended a one day workshop on "IPR, Patents and Patentability Assessment", conducted by the IPR Cell and the Research Council, under the aegis of MHRD IPR Chair at Cluster Innovation Centre, Delhi University on 4<sup>th</sup> September, 2014.
3. She is involved in writing e-chapters for ILLL and UGC e-pathshala, of which some have already been published online.
4. Member Investigator in a DU-Innovative project along with the Chemistry Department.

**Dr. Lakshna Mahajan**

1. Published a paper "Surfactant Protein SP-D Modulates Activity of Immune Cells: Proteomic Profiling of its Interaction with Eosinophilic Cells" Mahajan, L., Gautam P., Dodagatta-Marri E., Madan T., Kishore, U. in *Expert Rev Proteomics*, June 2014; 11(3):355-69. [Impact factor: 3.89, ISSN: 1879-0631];
2. Presented a poster on "Innate Immune Molecule Surfactant Protein-D Unraveled for its Anti-Leukemic Activity" Mahajan, L., Pandit, H., Gautam, P., Surolia, A., Kishore, U. and Madan, T. in February, 2014 at 5th International Conference on "Translational Cancer Research-Multi- Targeted Approach to Treatment of Cancer", New Delhi.
3. Written a chapter along with Dr. A. Archana on "Gut Microbiota and Human Health", to be published soon in a book by Nova Publishers, USA.
4. Involved in writing numerous e-chapters for ILLL and UGC e-pathshala.

**Dr. Sweta Yadav**

Published the following papers:

1. Yadav, S., Rawat, G., Tripathi, P., Saxena, R.K. (2014). "A Novel Approach for Biobutanol Production by *Clostridium Acetobutylicum* Using Glycerol: A Low Cost Substrate Renewable Energy", 71: 37–42.1;
2. Yadav, S., Rawat, G., Tripathi, P., Saxena, R.K. (2014) "Dual Substrate Strategy to Enhance Butanol Production Using High Cell Inoculum and its Efficient Recovery by Pervaporation Bioresource Technology" 152: 377–383;
3. Tripathi, P., Rawat, G., Yadav, S. and Saxena, R.K. (2014) "Shikimic acid, a Base Compound for the Formulation of Swine/avian Flu Drug: Statistical Optimization, Fed-Batch and Scale up Studies along with its Application as an Antibacterial Agent", *Antonie van Leeuwenhoek*. DOI: 10.1007/s10482-014-0340-z;
4. Saran, S., Yadav, S. and Saxena, R.K. (2014). "Development of a Highly Sensitive, Fast and Efficient Screening Technique for the Detection of 2, 3-Butanediol by Thin Layer Chromatography. *Journal of Chromatography & Separation Technique*. <http://dx.doi.org/10.4172/2157-7064.1000251>.

**Student Achievements**

- (a) Priyanka and Anadi Anant participated in Debate competition for "Janki Devi memorial running trophy" organised by Debating Society of Satyawati College, University of Delhi on 13<sup>th</sup> January, 2015.
- (b) Manti, Sweta, Abhishek and Varsha attended National conference on "Structural Biology" held at AIIMS on 10<sup>th</sup> December, 2015.
- (c) Priyanka, Anadi and Manti attended National symposium on topic "Mechanism of complex diseases" held at Shaheed Rajguru College, University of Delhi on 29<sup>th</sup>-30<sup>th</sup> January, 2015.

### **IInd Year Students**

- (a) Parul and Sachin got selected for 'Great Debate competition' held at Janki Devi College organised by "British Council", held in October, 2014.
- (b) Ankit and Vedpal got 3rd position in a debate competition held at Rajdhani College in January, 2015.
- (c) Sachin participated in an English debate competition held at BITS, Pilani and at AMITY University in November, 2014.
- (d) Ankit and Shaharukh participated in debate competition held at Bhim Rao Ambedkar College on 30<sup>th</sup> January, 2015.
- (e) The students of second year actively participated in various competitions at intra-college level this year: Manish participated in Hindi essay writing and poems competition and got 1st position; Diksha, Ankit, Apurva and Akansha participated in painting competition. Apurva, Jyoti, Sreshtha, Ritika and Akansha participated in treasure hunt. Ankit participated in dance competition. Anuj and Akansha participated in singing. Parul, Diksha, Shubham and Sachin participated in English essay writing competition. Ankit and Shahrukh participated in debate competition.

### **Ist Year Students**

- (a) Arjun attended the Vayu Sainik Camp (VSC) from 7<sup>th</sup>-19<sup>th</sup> October, 2014 through NCC Air Wing. He held a top position in 0.22 rifle shooting and was selected as a senior cadet of Delta Company in NCC.
- (b) Jaideep Bazad played football for intra-college tournament in January, 2015 and his team secured second position.
- (c) Niharika Singh participated as a fencer in various national tournaments. She also got a Gold Medal in Delhi State Championship held at N.K. Bagrodia School, Dwarka.

### **DEPARTMENT OF PHYSICS**

**Dr. Ruby Gupta**, Assistant Professor in the department of Physics received 'Teaching Excellence Award' from the Vice Chancellor, University of Delhi, on the Foundation day of University of Delhi, held on 1<sup>st</sup> May, 2014. She participated in the 7<sup>th</sup> International Conference on "The Physics of Dusty Plasmas" held from 3<sup>rd</sup>-7<sup>th</sup> March, 2014 at New Delhi. She also attended the 'Fourth National Workshop on Recent Trends in Semiconductor Devices and Technology' held on 12<sup>th</sup>-13<sup>th</sup> September, 2014 at Deen Dayal Upadhyay College, University of Delhi, Delhi. She has the following papers to her credit:

- "Ion Beam Driven Resonant Ion-Cyclotron Instability in a Magnetized Dusty Plasma. Ved Prakash, Suresh C. Sharma, Vijayshri and Ruby Gupta, Physics of Plasmas, Vol. 21, 033701, 2014.

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- “Effect of Dust Grain Parameters on Ion Beam Driven Ion Cyclotron Waves in a Development”, 2015.
2. Physics society student Educational Magazine Gravity, Vol. VIII (2014-15).

### TRAINNING / WORKSHOP / COURSES CONDUCTED

| Training   | Period   | Position                    |
|--|--|-----------------------------|
| 2-day Orientation Program on Nano-Science  | 25 <sup>th</sup> -26 <sup>th</sup><br>March, 2015  | Convener,                   |
| Trip to Bio-diversity Park   | 20 <sup>th</sup> March, 2015                       | Trip<br>Co-ordinator,       |
| Exhibition on Solar Energy Devices at<br>New Campus, SSN College, University of Delhi  | 30th January, 2015                                 | Exhibition<br>Co-ordinator, |
| “Great Koan-2” 3 level Physics Quiz  | November, 2014<br>to March, 2015                   | Quiz<br>Co-ordinator        |
| Intra College Chess Competitions-2 in association<br>of Department of Physical Education and Sports  | November, 2014<br>to March, 2015                   | Co-ordinator                |
| One day Physics Induction Program<br>for School Children   | 30th January, 2015                                 | Program<br>Co-ordinator     |
| One day Fire and Electrical Safety demonstration<br>workshop for students in association with Tata<br>Power Delhi Distribution Limited (TPDDL) | 30 <sup>th</sup> January, 2015                     | Workshop<br>Co-ordinator    |
| One day refresher program on Cosmology and Higgs<br>Mechanism by Prof. Patric Das Gupta  | 20 <sup>th</sup> March, 2014                       | Program<br>Co-ordinator     |
| MGICCC (Govt. of NCT, Delhi) and SSNC (DU)<br>joint Workshop on Solar Energy Technologies  | 7 <sup>th</sup> -8 <sup>th</sup><br>February, 2014 | Workshop<br>Convener        |
| MGICCC (Govt. of NCT, Delhi) and SSNC (DU) joint   | 24 <sup>th</sup> January, 2014                     | Course                      |

### COURSES / PROJECTS ORGANIZED

| Training / Courses   | Year                             | Position/Organizer         |
|--|----------------------------------|----------------------------|
| Short term add-on course on “Climate change &<br>Sustainable Development”  | October, 2014 to<br>March, 2015  | Course<br>Coordinator,     |
| Innovation project on 'Solid Waste Management through<br>enhancing people awareness through Environmental<br>Sustainability in Delhi | November, 2014 to<br>March, 2015 | Project Faculty<br>Advisor |

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### TRAINING / WORKSHOP / COURSES ATTENDED

| Training / Courses  | Year  | Position / Organizer  |
|---|---|-----------------------|
| Refresher course on "Computer Science and Information Technology" | 28 <sup>th</sup> July, 2014 to<br>22 <sup>nd</sup> August, 2014 | Course<br>Coordinator |

**Abhitosh Kedia** presented "Polyvinylpyrrolidone Induced Gold Nanostructures; Plasmonic Aspects & Applications", Poster and Oral presentation (Thesis presentation), (amongst six best thesis) in 59<sup>th</sup> DAE-Solid State Physics Symposium, VIT University, Vellore between 16<sup>th</sup>-20<sup>th</sup> December, 2014.

#### DEPARTMENT OF POLITICAL SCIENCE

**Mr. Pankaj Lakhera** presented a paper on 'The Rights of Persons with Disabilities Bill 2014: Suggestions for Incorporations' in a National Seminar organized by PGDAV College, University of Delhi on 'Devising Policy Strategies for India', on 13<sup>th</sup>-14<sup>th</sup> January, 2015.

**Mr. Pandey** published a paper in a reputed research journal, i.e. 'The Rights of Persons with Disabilities Bill 2014: Suggestions for Incorporations', Bihar Journal of Political Science, Vol. 4, No. 1.

**Manish Kumar** participated in a National Seminar organized by PGDAV College, University of Delhi on 'Devising Policy Strategies for India', on 13<sup>th</sup>-14<sup>th</sup> January, 2015.

**Mr. Krishna Murari** participated in a National Seminar organized by PGDAV College, University of Delhi on 'Devising Policy Strategies for India', on 13<sup>th</sup>-14<sup>th</sup> January, 2015. He has presented a paper on 'Identity, Politics and Development in Jharkhand' in a National Seminar organized by Department of Political Science, Kakatiya University, Warangal, Telangana on Reconstruction of Telangana: Issues and Challenges, on 6<sup>th</sup>-7<sup>th</sup> February, 2015.

- Krishna Murari, "Bharat mein Samajik Aandolan: Krishak, Janjatiya evum Majdoor Aandolan" in Abhay Prasad Singh (ed.), Bharat mein Rashtrawad, Orient Blackswan, New Delhi, 2014.
- Krishna Murari, "Prarambhik British Bharat mein Krishak evm Janjatiya Pratirodh" in Abhay Prasad Singh (ed.), Bharat mein Upniweshwad, Orient Blackswan, New Delhi, 2014.
- Krishna Murari, "Agrarian Movement in Independent India" in Abhay Prasad Singh (ed.), Development Process and Social Movements in Contemporary India, Orient Blackswan, New Delhi, 2015.
- Krishna Murari, "Politics in Jharkhand: A Journey without Destination?" in M.P. Singh, Himanshu Roy, and A.P.S. Chouhan (eds.) State Politics in India, Primus Publications, New Delhi, 2015.

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- Kiran, 'India and China: Russia's Intense Defence Clients' The Public: Problems and Solutions, An International Research Journal, Volume 3, No. 2, April-June 2014.
- Kiran, 'Theoretical underpinnings of Defence Cooperation', Anushilana, Volume LVI, Year 10, 2014, (ISSN: 0973-8762).

### **SANSKRIT DEPARTMENT**

Dr. A.K. Dubey was engaged in many academic activities during the year 2014-15. He has published a book titled *Bhartiya Lipiyan– Ek Parichay* published by Vidyanidhi Prakashan in 2014. He has also published the following two research papers:

1. Decipherment of ancient Indian scripts published in International Journal of Indian cultural, regional, social and education stream with ISSN No. 0976-9358.
2. "Sanskrit Bhasa ki Maulikta" published in National journal– A Multidisciplinary Research Journal with ISSN: 2219-6114.

Dr. Dubey also participated in a 21 days Refresher Course (May-June, 2014) conducted by CPDHE, University of Delhi and organized by the Department of Sanskrit, University of Delhi. He has also participated in various National and International seminars organized by Educational Institutions.

### **DEPARTMENT OF ZOOLOGY**

#### **Dr. Rajni Arora**

Attended a National Symposium on Recent Advances In Immunology, under the aegis of Indian Immunological Society, organized by Miranda House, University of Delhi, July, 2014. She was the content writer for the chapter in Immunology for e-Pathshala, a UGC project with the Department of Zoology, University of Delhi.

#### **Dr. Tanushri Saxena**

- Attended a workshop on 'Data Acquisition and Analysis' organized by AD Instruments and Department of Zoology, University of Delhi.
- Contributed chapters on 'Physiology and Evolution' for e-PATHSHALA program of University Grant Commission, New Delhi.
- Jury Member of National Level Exhibition on Science Projects organized by INSPIRE, Department of Science and Technology, Government of India.
- Moderated papers of different courses taught under IGNOU.
- Working on an Innovative Project entitled 'SSNC-204' Where Chemistry meets Culture: Estimation of Nutrient Content of Food Cooked by Different Methods and its Impact on Health of People of Various Regions of India since 2014,' sponsored by University of Delhi.

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### **Dr. Neera Mehra**

- Attended a workshop on 'Data Acquisition and Analysis' organized by AD Instruments and Department of Zoology, University of Delhi.
- Attended a National symposium on 'Recent Advances In Immunology', under the aegis of Indian Immunological Society, organized by Miranda House, University of Delhi, July, 2014.
- Jury Member of National Level Exhibition on Science Projects organized by INSPIRE, Department of Science and Technology, Government of India.
- Contributed for the e-chapter in Zoology, ILL, DU.

### **Dr. Gauri Mishra**

- Attended CME on 'Medical Cyclotron and PET Imaging: Needs and Challenges' organized by Department of Nuclear Medicine and Indian College of Nuclear Medicine, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow in April, 2014.
- Participated in First International Conference on 'Emerging Trends of Nanotechnology in Drug Discovery,' jointly organized by Sri Venkateswara College, University of Delhi and Department of Biochemistry UDSC, India in association with CQM University of Madeira, Portugal held in May, 2014.
- Joined Delhi State Science Teacher's Forum (Regd.) as a Life Member in June, 2014.
- Resource Person in a Workshop on Review and Development of Biology Kit and Kit Manual for Higher Secondary Stage organized by NCERT, New Delhi in June, 2014.
- Jury Member in 4th National Level Exhibition and Project Competition organized by Department of Science and Technology, Government of India, held in October, 2014.

### **Dr. Bipin Kumar Aggarwal**

#### **Publications**

- "In Vitro Evaluation of Roots, Seeds and Leaves of *Sesamum indicum* L. for their Potential Antibacterial and Antioxidant Properties'. African Journal of Biotechnology, 13 (36), 3692-3701. (ISSN: 1684-5315). (Impact Factor: 0.57; H-Index: 42)
- Chapter in book 'Plant and Microbes: An Innovative Approach as Scenario of Hepatitis-E and Hepatitis-B Dual Infection in North India', published by SBW Publishers, Delhi and edited by Goyal et al. 2014 ISBN: 97881885708300
- Attended a workshop Ankuran on "Development of Herbal Garden" held on 29th January, 2015 organized by Shivaji College, University of Delhi.

#### **Dr. Jasbir Singh** research paper published

- Singh J, Kamra K., 2014. 'Molecular Phylogeny of an Indian Population of *Kleinstyladorsicirrata*' (Foissner, 1982) Foissner et al., 2002.comb.nov. (Hypotruchia,

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Oxytrichidae) an Oxytrichid with Incomplete Dorsal Kinety Fragmentation Journal of Eukaryotic Microbiology 2014, 61, 630636.

- Singh J., Kamra K., 2015. 'Molecular Phylogeny of *Urosomoid aagilis*, and New Combinations: *Hemiurosomoida longa* gen. nov., comb. nov., and *Hetero Urosomoida Lanceolata* gen. nov., comb. nov. (Ciliophora, Hypotricha)' in European Journal of Protistology, 2015, 51, 5565.

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

- Attended a National Symposium on 'Recent Advances in Immunology' organized by Department of Zoology, Miranda House, University of Delhi, held at INSA, on 17<sup>th</sup>-18<sup>th</sup> July, 2014.
- Attended one-day workshop on IPR Patenting and Patentability Assessment held on 4<sup>th</sup> September, 2014 at the Cluster Innovation Centre, University of Delhi.

### **Dr. Pushpa Singh** research paper published:

- Molecular Self-Assembly of protein and DNA Nanostructured in Nature. J. Innovative Pharmaceutical Sciences Res. Manju Singh, Abhishek Sharma, Pushpa Singh, 2, (2014), 1919-1927, (IF 1.51).
- Experimental Investigation on Nutritional Variation in Plant Foliage of Rose (*Rosa damascene*): Effect of Pest infestation. Pushpa Singh, Manas K. Dhal, S.K. Sagar. International Journal of Scientific and Research Publications, 4th-5th. (2014). 1-13, (IF 0.69).

**Mr. Ananta Kishore Sahu** participated in a DBT sponsored short term course on 'Computational Systems Biology', organized by Department of Computer Science and Electronics and Telecommunication, Indian Institute of Technology, Kharagpur, West Bengal held from 31<sup>st</sup> March, 2014 to 4<sup>th</sup> April, 2014.

## **RESEARCH PROJECTS IN COLLEGE**

### **1. Innovation Projects**

- 'Isolation, Identification and Process Development of Fungal Lipases for their Applications in Industry. Investigators: Dr. Bhoopinder Giri, Dr. Geeta Saxena, Dr. Anjana Kapoor.
- 'Cross-Sectional Study on Professional Stress, Depression, Alcohol use and Quality of Life Among it's Professionals in Selected Companies in NCR – National Capital Region. Investigators: Dr. J.S. Kadyan, Dr. R.N. Srivastava, J.K. Pandey.
- 'Novel Anticorrosive, Antipollution Coating for the Prevention of Pollution. Investigators: Dr. Suman Yadav, Dr. Shalabh Chikara, Ms. Susheela.
- 'Where Chemistry Meets Culture: Estimation of Nutrient Content of Food Cooked by Different Methods and it's Impact on Health of People of Various regions of India',

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Investigators: Dr. S.B. Tyagi, Dr. Tanushri Saxena, Dr. Mamta Kharkwal.

- 'Assessment of Microbial and Chemical Quality of Drinking Water Samples from Various Technologies Available to make it Potable', Investigators: Dr. A. Archana, Dr. Parvinder Kaur, Dr. Saraswati Kanodia, Dr. Seema Gupta.
- 'Solid Waste Management through Enhancing People Awareness Through Environmental Sustainability in D by Wet Chemical Method and Evaluation of their Magneto-Electric, Optical and Photochemical Properties'' Investigators: Dr. S.B. Tyagi, Dr. Gajender Gaur, Dr. Yogesh K. Sharma, Dr. Namrata.

### 2. UGC Projects

- 'Biochemical and Physiological Characteristics of Self- Tolerance Mechanisms in Arbuscularmycorrhizal Plants for Optimum Usage in Reclamation of Salt Stress Soils', Investigator: Dr. Bhoopinder Giri.
- 'Fabricating Multifunctional Materials Based on Novel Layered Double Hydroxides, Investigator: Dr. Mamta Kharkwal.

### LIBRARY

**Miss Neetika Sharma**, Librarian of the college remained active in the numerous academic activities during 2014-15.

Published a chapter in a book "Current Trends of Libraries in the ICT Era". Title "Information Literacy: A Learning Tool". p. 189-201; ISBN: 978-93-84144-08-1.

1. Presented a paper at the Library and Information Professionals Summit (LIPS), titled "User Friendly Library Environment in Universities in India-Enabling Strategies".p-372-377; ISBN: 978-93-80574-34-9.
2. Presented a paper in International Conference on Digital Libraries (ICDL-2013) vision 2020: Looking Back 10 years and Forging New Frontiers at New Delhi on 27<sup>th</sup>-29<sup>th</sup> November, 2013. Title "Digital Rights Management: An obstacle for Information Access; p. 627-631,Volume-2.
3. Participated in National Conference on "Opening up by Closing the Circle: Strengthening Open Access in India" organized by UNESCO, Jawaharlal Lal Nehru University (JNU) and Commonwealth Educational Media Centre for Asia (CEMCA) at JNU, New Delhi.
4. Participated in the Seminar on 'Standards- A Tool for Effective Library Management' on 17<sup>th</sup> December, 2014 at BIS, New Delhi.
5. Participated in Workshop on Information Literacy and Competency on 5<sup>th</sup> December, 2014.
6. Participated in a workshop on Information Literacy and Competency organized by Delhi University Library System (DULS), New Delhi on 20<sup>th</sup> February, 2014.

### **Library Mission**

The primary mission of the library is to support the educational and research programmes of the College by providing physical and intellectual access to information.

The College maintains a well-stocked library in Science(s), Commerce, Humanities and Social Sciences. It supports the teaching, research and extension programmes of the College. All students, faculty members and employees of the College are entitled to make use of the library facilities on taking library membership. The library having a huge collection on interdisciplinary subjects likewise Chemistry, Biochemistry, Physics, Economics, Mathematics, Political science, History, Botany, Microbiology, Business Studies etc., offers library services through its various divisions. Initially set up in 1967-68, the Central library of the college moved to its new building in October, 2001.

There are 95,000 books in the library at present and about 2,000 books are added every year.

The Library subscribes to more than 40 national and international journals and periodicals and 24 newspapers which provide the latest information on current events and affairs. A separate library on Commerce and other interdisciplinary subjects is also housed in a separate building of our college.

### **Latest Activities**

- A separate reading room is ready, which provides the much needed space for teachers to work.
- Also provided is a separate well maintained cabin for VH students of the college.
- To search different type of E-mails, Internet browsing facility is also available in the library.

### **Library Automation**

The library is making steady progress towards computerization in house with the installation of Library Software.

### **ART FOUNDATION**

Art Foundation Committee held various events during the current session. A trip was organized to National Gallery of Modern Art, National Museum. An Art Festival was also organized by Dr. Aditi, Convener.

### **CULTURAL SOCIETY**

The Cultural Committee comprises of Dr. Suraj Yadav (Convener), Dr. S.B. Tyagi, Dr. Prabhakar Palaka, Dr. Pratibha Rana (Co-opted). Many other Faculty members are also involved in assisting in holding Cultural Competitions. The Cultural Groups of the College include: Theatre (Street Plays), Western Dance Group, Folk Dance, Fashion Show, the

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College Band (Music & Singing).

Besides there is Debating Society, the Photography Club, the Drawing & Painting, Rangoli Groups.

There is one Student Co-ordinator of the Group:

Pawan (Theatre), Dhruv (Western Dance), Aditya (Folk Dance), Abhimanyu (Fashion show), Nairitya and Devender Rathore (Singing), Saurabh Mandal (Music), Sonali (Debating), Hans Prabha (Photography).

The Cultural Committee held the Auditions in various categories in August, 2015 to select good and bright student performers.

The College Cultural Groups and the Debating Teams have been participating in the University's Academic and Cultural Fest 'Antardhwani', and various other College Fests. They have performed well and won prizes at many of these Festivals.

The outstanding winner has been Nairitya Chaturvedi, who won Second Prize in Singing (Vocal-Solo) at 'Antardhwani-2015', Second Prize in Singing (Vocal-Solo) at Jaipuriya Institute and First Prize in Duet Singing along with Devender Rathore at Rukmani Devi Institute.

The College Theatre Team 'AINA' comprising of Pawan Kumar, Chandan Tiwari, Gargi Prabhakar, Styam Jha, Ananya Parashar, Sumati Jain, Mansi Sharma, Megha Ahuja, Richa Soni, Vivek Tyagi, Vinayak Sidhana, Rakesh Sharma, Mukesh Kashyap, Rahul Sharma and Manisha won First Prize in Street Play at Krishna Engineering College, Ghaziabad.

The College Folk Team comprising of Aditya, Akanksha, Annu, Kirti, Kamini, Komal, Amit, Sandeep, Sushant, Badri, Brijesh and Mitesh were appreciated at 'Antardhwani-2015'.

The Western Dance Group comprising of Dhruv, Tarun, Gauransh, Roshan, Rahul, Babloo, Aditya, Gopika, Shivani, Juhi, Ishika, Meenakshi, Shashi, Shivani Rana have given excellent performances.

The fashion Show Team comprising of Abhimanyu, Kamini Dubey, Amit, Jaideep, Nishika, Tripti, Neha, Prince, Priya, Manisha, Priyanka, Vidhika, Sandeep and Sachin have also won in College Festivals.

### **ANTARDHWANI-2015**

SSN College participated in a three day annual festival organized by University of Delhi on 20<sup>th</sup>-22<sup>nd</sup> February, 2015 at the University Stadium Complex. The teaching and non-teaching staff and the students participated in this event with the full enthusiasm. The college had the chance to exhibit the activities and achievements of the academic year 2014-2015, in college display stall. The college stall displayed on the theme "University of Delhi, Meeting the challenges of India". The teachers and the students prepared flex

charts, models, brochures, academic report, power points and videos to be projected and displayed on the college stall for Good Practices. Seven undergraduate innovation projects and their reports were displayed at the innovation Plaza. The participants also contributed their research articles related to the innovation projects, in research e-journal of Delhi University launched this year. Forty Five (45), NCC students of the college participated in the march past in the inaugural function of the festival and also took other responsibilities with interest. NCC and other students also displayed their projects, "Dhrohar" which was prepared during their educational 'Gyanodaya' trip this year with mentor of the team Dr. Y.K. Sharma. NSS wing of the college projected their activities on the NSS stalls and volunteered for various duties during the three day event. The cultural society of the college guided the students for participation in various competitive events like Folk Dance, Nukkad Natak, Group Song, Solo Singing, Instrumental Music and Rock Band. College is proud of Nairitya Chaturvedi, a talented student of B. Com. III Year who bagged second prize in Music vocal solo competition and all the participants of the college who really worked hard for the mega event of the Delhi University.

### **SPORTS ACTIVITIES**

Sports persons of Swami Shraddhanand College have been consistently performing well since the inception of the College. In the event Soft Ball, Cricket, Ball Badminton, Baseball and Wrestling teams have done extremely well. This year our College Cricket team created History by emerging victorious in the Inter-College Cricket Championship of Delhi University 2013-14.

1. Ankush Bains, B.A. (Pol. Science IIInd year) Represented India in Under-19 World Cup.
2. Ankush Bains, B.A. (Pol. Science IIInd year) Represented Rajasthan Royals in IPL 2014 & is representing Chennai Super Kings in IPL 2015. He played in Ranji Trophy, Vinoo Mankand Trophy, Vinoo Mankand Interzone & C.K. Nayudu U-23 also.
4. Aakarshi Gomel, B.Com. (H) II year Captain of College Cricket Team, played for Delhi University & scored 372 runs in 5 innings with an average of 120. Played in All India University tournament for Delhi University, scored 170 runs in 3 matches with an average of 170. Represented Delhi State under-23 in C.K. Naidu Trophy.
5. College Cricket Team won the Gold Medal in Inter College Twenty-20 Dare Davil Cricket Cup.
6. Cricket Team won the Gold Medal in Sahib Jada Twenty-20 Cricket Cup.
7. In North Zone Inter University Cricket Championship eight (8) of our Players represented Delhi University cricket team and won the Gold Medal. In All India Inter University Cricket championship team came second held at Jounpur, University.  
– Aakarshit Gomel, B.Com (H) II Year (Captain of College Cricket Team);

- Hitesh Gemini, B.A. (P) III year, (Captain Delhi University Cricket Team);
  - Abhishek Vats, B.A. (H) Pol. Science II year;
  - Pradeep Malik, B.A. (P) III year;
  - Karan Chaudhary, B.A. (P) III year;
  - Parvesh Dahiya B.A. (P) III year;
  - Harish Dagar, B.A. (P) III year;
  - Lakshya Tareja, B.Com. (H) II year;
8. Abhishek Vats, B.A. (H) Political Science II year represented Delhi State Under-19 in All India Vijay Merchant Trophy.
9. Aakarshit Gomel, B.Com. (H) II, represented Delhi State for the Ranji Trophy.

**Base Ball:** The Base ball team has won the Gold Medal in the Inter-College Baseball Championship. Four of our players were selected for the Delhi University team that participated in "All India Inter University Baseball Tournament held at Nagarjuna University, Guntur, Andhra Pradesh. The selected members are Sagar, Javed Hussain, Gaurav, Mansih and Sandeep.

**Ball Badminton:** Our team won the Silver Medal in Inter College Ball Badminton Championship. Yogesh and Keshav represented in All India Inter University Ball Badminton Championship held at SRM University, Chennai.

**Soft Ball:** Our Team won the Silver Medal in Inter College Soft Ball Championship. Four of our players were selected for Delhi University Team- Sagar, Javed, Anuj and Yash Sharma.

**Wrestling:** Our college wrestling team became the champion in Inter College Wrestling Championship. The winners are named as:

1. Pappu, B.A. Hindi (H) I year won the Silver in 50 kg. weight category;
2. Saurabh, B.A. Hindi (H) I year won the Gold in 60 kg. weight category;
3. Ravi, B.A. Hindi (H) I year won the Bronze in 65 kg. weight category;
4. Pradeep Tomer, B.A. Hindi (H) I year won the Gold in 70 kg. weight category.
5. Surya Parkash, B.A. Hindi (H) I year won the Bronze in 84 kg. weight category.
6. Pooja Gahlot won the Gold Medal in 45 kg. weight category and also won the Bronze Medal All India Inter University wrestling (women) championship held at Kurukshetra University, Kurukshetra.

Saurabh, Pradeep Tomer and Pooja Gahlot also represented for Delhi University Team the All India Inter University Wrestling Championship held at Kurukshetra University, Kurukshetra (Haryana).

**Cross Country Race:** In the Inter College Cross Country Championship our player Robin

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Singh won the Gold Medal in Cross Country Race. Robin Singh and Rajesh also represented Delhi University in All India Inter University Cross Country Race held at MGU Kottayam. The team came overall third position.

**Athletics:** In the Inter College Athletic Championship Robin Singh won the Gold Medal in 5000 mtrs. Race and another Gold Medal in 10000 mtrs. Race. Shehnawaj won the Gold Medal in 100 mtrs. Race and another Gold Medal in 200 mtrs. Race. The Team came overall 3<sup>rd</sup> position. Robin Singh represented Delhi University in All India Inter University Athletics Championship held at Rajiv Gandhi University, Bangalore.

**Boxing:** In Boxing, Prateek won the Silver Medal in 91 kg. weight category in the Inter Colleges Boxing Championship.

**Taekwondo:** Priyanka Singh won the Silver Medal in open category.

### **NSS ACTIVITIES**

The NSS unit of the College is a sincere and committed body of students who wish to serve the society in every possible manner. To guide them, the college has a dedicated staff who genuinely wishes to serve the society. The team consists among teachers, Dr. Aditi (Programme Officer), Dr. Pratibha Rana (Member), and among students, Shahbaz Alam Khan (President), Kalyan (Vice-President), Rakesh Mishra (General Secretary), Sonam Gupta (Secretary), Amit Kumar and Priyanka (Treasurers). The NSS Unit organised many activities between 2014-15.

The session started with an *orientation programme* for the volunteers.

- A Tree-plantation campaign was organized in August in collaboration with Eco-club and an NGO Vriksha to create an awareness about global warming and inculcate sensitivity towards environment among them.
- The NSS volunteers participated in the DU Swatchhta Abhiyan and also organized the College Swatchhta Abhiyan in September. A poster-making competition was also organized in September on importance of cleanliness.
- The posters were donated to an orphanage to spread awareness about cleanliness among them. On Diwali eve, the NSS unit visited an orphanage to spend some quality time and celebrate Diwali with small children.
- Some volunteers attended a camp from 5<sup>th</sup> -14<sup>th</sup> January in Guwahati, Assam organized by the Ministry of Youth Affairs and Sports. NSS volunteers did the election duty and helped the physically disabled people to pick and drop them to and from the polling booth.
- Our volunteers performed their duties in Antardhwani, the cultural fest of the university. In February, a workshop on organ donation was organized in which a movie on organ donation was shown, followed by a discussion.

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- The NSS unit organized a 'Visit of Compassion' to an old age home 'Apna Ghar Ashram', a home for 142 abandoned, mentally unstable and widows. The volunteers distributed fruits to them and spent time with them.
- In March, NSS unit put up flex boards with anti-tobacco warning for both old and new buildings of the college & organized an anti-tobacco rally from new building to old building of the college.

### **N.C.C., ARMY WING, SENIOR DIVISION (BOYS)**

The N.C.C., Army Wing, Senior Division (Boys), unit of the our college is sincere and committed company of ninety (90) cadets who wish to serve the society and nation in every possible manner. To guide them, the college has an ANO Capt. (Dr.) Y.K. Sharma and ninety (90) cadets who genuinely wishes to serve the society, forces and nation.

#### **Enrollment**

Like the previous years, this year too, all the sanctioned seats i.e. ninety (90) were filled with the enrollment of 90 cadets in the N.C.C., Army Wing, Senior Division (Boys). Fifty two, (52) cadets were enrolled in the Ist Year, thirty Eight (38) cadets were enrolled in IInd year and three (3) in III year.

#### **Activities and Participation**

- Gaurav Bhardwaj was appointed as Senior Under Officer (SUO).
- Like previous years this year too, has been very eventful and encouraging for the N.C.C., Army Wing, Boys, as far as their participation in various activities is concerned.
- In the year 2014-15, one Combined Annual Training Camps (CATCs), Delhi, was held & 4 cadets from our college participated.
- An Army attachment camp was held at Meerut Cantt., Meerut. 21 cadet from our college very enthusiastically participated in the camp.
- 2 cadets participated in the prestigious Thal Sanik Camp (TSC) and successfully completed it.
- 5 cadets participated in NIC, Amritsar.
- 2 cadets participated in Republic Day Camp.
- 20 cadets participated in the inaugural ceremony 'Antardhawani-2015' march-past.
- 20 cadets were selected as volunteers for Antardhwani-2015.
- 9 cadets joined Gyanodya Express-2014.
- 20 cadets participated in PM's Swach Bharat Abhiyaan on 2 October, 2014.
- Cadets attended Yoga Shivir from 1<sup>st</sup>-15<sup>th</sup> April.

#### **Academics**

- N.C.C. cadets of our college also appeared in 'C' Certificate (3) examination.

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- N.C.C., Cadets of S.S.N. College Alipur also appeared in 'B' Certificate (25) examination.
- All these achievements are due to the great interest of the cadets in N.C.C. and its activities. Training staff of 6, Delhi, N.C.C., BN., also rendered their best and excellent training to our cadets. They deserve our special thanks for their valuable services.
- Special thanks are also due for, Commanding Officer (CO), Col. Kanwar Pal Singh and ADM Officer, 6, Delhi, N.C.C., BN., for their highly active and commendable guidance and motivation. Without their high involvement and encouragement all these achievements would have been impossible.

### **NCC GIRLS**

In the session 2014-15, 107 Girls cadets of the college participated in NCC programmes under the guidance of Lt. Sushila Thakran. NCC camp underwent training of drill, signal, weapons and medical in the college. Cadets also attended various local camps, trekking camps and activities held during the academic year.

- 30 Cadets participated in CATC Delhi.
- 32 Cadets participated in cultural CATC Delhi.
- 25 Cadets performed guard of honour in Antradhavani-2015.

Monika got selected in Republic Day parade.

Gunjan was appointed as Senior Under Officer. Monika and Surbhi were appointed as Junior Under Officers.

### **STUDENTS UNION**

Being the representative of the students, the students union acts as the channel between students and the college administration. The students union co-operated with the college in creating a huge parking lot. They organized two blood donation camps and awareness programme in the college premises. They also contributed in organization of fresher's welcome celebration and the college fest. They are very concerned and active in protecting the rightful interests of the students.

- *President* : Mr. Jaideep Maan
- *Vice-President* : Mr. Deepak
- *General Secretary* : Mr. Karan Tushir
- *Joint Secretary* : Mr. Robin Balyan

### **PROCTORIAL BOARD**

The Proctorial Board under the convenorship of Dr. (Mrs.) Rajni Arora did a remarkable job of enforcing discipline among students. She deserves a lot of appreciation for her dedication and integrity.

## **PLACEMENT CELL**

The Placement Cell of our college has been active throughout the academic session. This cell has initiated the process of placing the students passing out from college this year. Placement cell has started its activities by organizing various workshops and seminars where knowledge regarding resume writing, handling interviews, group discussions, and written tests are imparted to the students. It serves as an interface between students and corporate. Members of the Committee are Mr. Manish Kumar (Convener), Dr. P.V. Khatri, Dr. Simran Kaur, Ms. Nidhi Phatela and Ms. Madhu Monga.

On 19<sup>th</sup> February, 2015 a Seminar was organised on vital important topic "How to Make Effective CV". 60 students of B.A. and B.com (6<sup>th</sup>sem) attended the seminar at old building campus.

On 26<sup>th</sup> February, 2015 first time in the college Campus a placement drive was organized the interview process for the placements of final years students. The Interview was conducted by "Career Marshall Consultants" where 62 students participated. Out of 62 candidates, 19 students have been offered job in the different companies.

Students of our college from various disciplines participated in the interview conducted by Centre Placement Cell, University of Delhi on 26<sup>th</sup>-27<sup>th</sup> and 30<sup>th</sup> March, 2015 for Tata Energy, Wipro Technologies and Teaching Sity.

Mr. Manish Kumar also participated in a workshop & interaction programme with HR team of Wipro along with Placements conveners of colleges of Delhi university on 21<sup>st</sup> March, 2015 at Hotel Le Meridian, New Delhi for campus Placement and careers opportunity of our final year students.

## **ACHIEVEMENT OF EXAMINATION BRANCH**

Sh. R.K. Srivastava along with Teacher-in-charge of various departments did a commendable job in streamlining the process of examination reforms in the college. This includes conducting the Home Examination, strengthening Internal Evaluation process and setting up the master time-table for the smooth functioning of the academic schedule of the college.

## **INFRASTRUCTURAL ACHIEVEMENTS**

The college has been able to improve upon sanitation by renovating and providing better facilities in washrooms, improving office environment through computerization, equipping class rooms with adequate furniture, establishing computer laboratories and Wi-Fi system, improving horticulture work. Our endeavor has been to beautify the campus. I may mention here that both campuses of the college have seen better infrastructural facilities and improved academic atmosphere, which is always conducive to learning environment. I assure you, Sir, that we will continue our efforts in this direction.

## SCHOLARSHIPS & AWARDS

The college has a number of awards and scholarships to offer to its students who perform brilliantly in their chosen field of study. Shradhanand Scholarship has been instituted by Shri Mahendra Singh Khatri, the former Chairman of Governing Body. This is given to the student who scores highest aggregate marks in the examination. This year the award goes to Ms. Shivani Khatri secured 2908/3500 in B.Sc. (Hons.) Microbiology IIIrd year, & Ms. Vandana Padmanabhan, who secured 2596/3500.

- Two scholarships of Rs. 1000/- each are awarded to the ward of an employee of the college and a blind student who scores highest marks in any course. These two awards have been instituted by Shri Surender Shokeen in memory of his mother Lt. Natho Devi and his father Lt. Ch. Raghubir Singh.
- Sultan Chand Dropadi Devi Memorial Scholarship of Rs. 4654/- goes to first position in B.Com. (Hons.) IIIrd year.
- Shri Sultan Chand Memorial Scholarship Award of Rs. 6516/- are awarded to the student who holds first position in B.Com. (Prog.) IIIrd year.
- Dr. (Mrs.) Anita Marwah Scholarship Award of Rs. 4500/- each are awarded to the student who holds first position in B.A. English (Hons.) Ist year & IIIrd year.
- Dr. C.P. Bali Scholarship Award of Rs 4500/- each are awarded to the students who holds first and second position in B.A. (P) IIIrd year.
- Late Sh. Raj Kumar Memorial Scholarship Award of Rs 1000/- is awarded to the student who holds first position in B.Com. (P) IIIrd year.

I must conclude on a very sincere and heart-felt note of thanks-giving. I must express my gratitude to the Members of the Governing Body, especially its Chairman, Prof. H.S. Prasad, for their unstinted support and contribution to the growth of the college.

I am thankful to Dr. Pankaj Bhan, Dr. Y.K. Sharma and Mr. Pravesh Bhardwaj, for helping in compiling and writing this report.

I once again extend a warm welcome to you all. Thanks.

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**MERIT LIST-2013-14 (FYUP) Semester I**

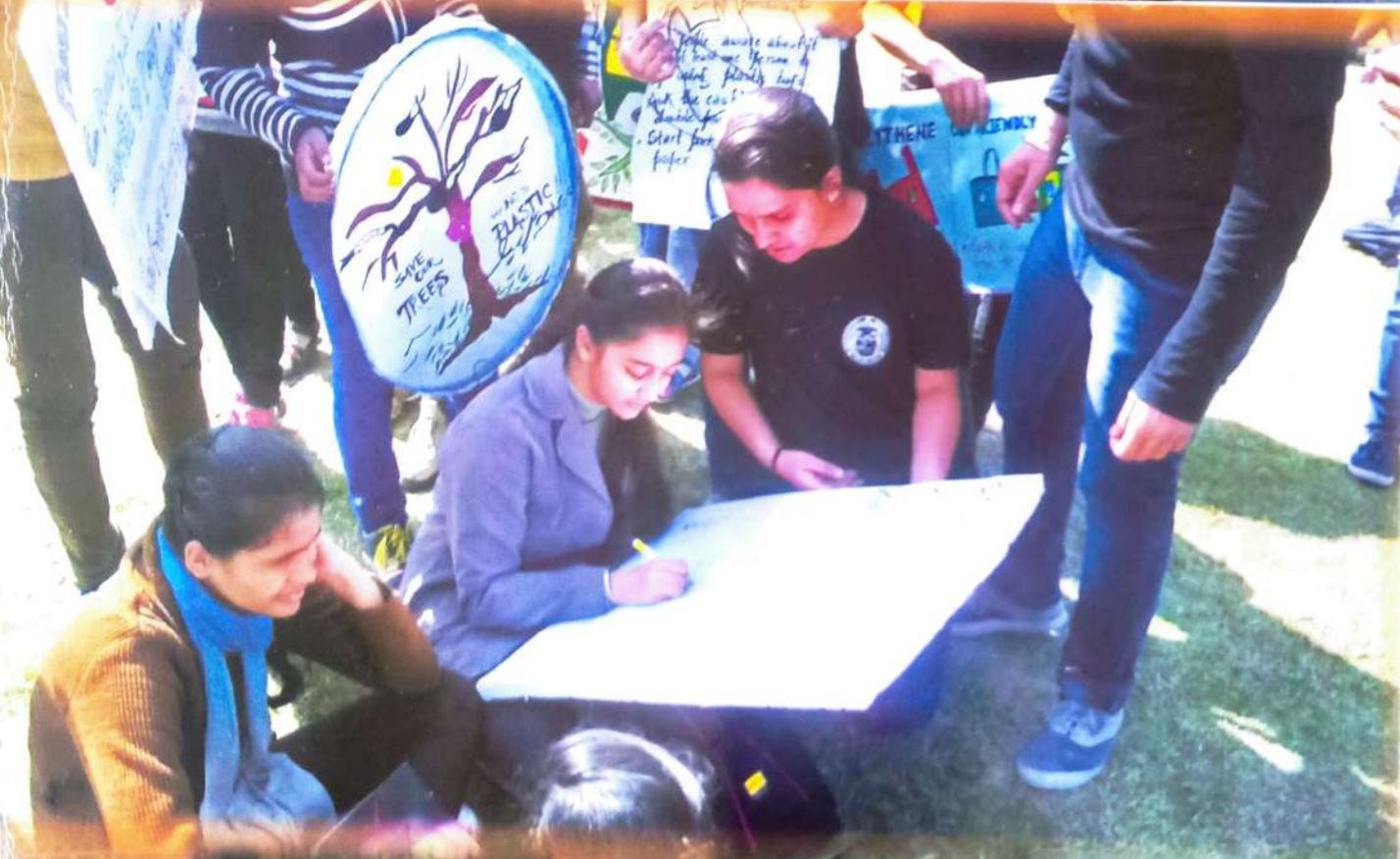
| S.No | Roll No. | Name of Student     | Course                                 | Obtained/<br>Marks | Position |
|------|----------|---------------------|--|--------------------|----------|
| 1    | 211      | Dheeraj Kr. Tiwari  | B.A. Prog. III year                    | 1698/2400          | I        |
| 2    | 819      | Shivani Khanna      | B.A. Prog. III year                    | 1655/2400          | II       |
| 3    | 8012     | Yugal Brijesh       | B.A. Prog. II year                     | 591/800            | I        |
| 4    | 7414     | Vikas Mishra        | B.A. Prog. II year                     | 576/800            | II       |
| 5    | 81       | Neha                | Economics (H) I year                   | 791/1000           | I        |
| 6    | 71       | Harish Kumar        | Eco (H) I year                         | 747/1000           | II       |
| 7    | 4431     | Vaishali Gupta      | Botany (H) III year                    | 2712/3500          | I        |
| 8    | 4414     | Kavita Narayan      | Botany (H) III year                    | 2563/3500          | II       |
| 9    | 4619     | Vishal Sharma       | Zoology (H) III year                   | 2906/3500          | I        |
| 10   | 4637     | Ajay Kr. Sharma     | Zoology (H) III year                   | 2819/3500          | II       |
| 11   | 4017     | Shivani Khatri      | Microbiology (H)<br>III year           | 2908/3500          | I        |
| 12   | 4005     | Vandana Padmanabhan | Microbiology (H)<br>III year           | 2596/3500          | II       |
| 13   | 4213     | Anjali              | Physics (H) III year                   | 3050/3600          | I        |
| 14   | 4211     | Shilpa Rana         | Physics (H) III year                   | 2868/3600          | II       |
| 15   | 4831     | Komal               | B.Sc. Physical Science<br>III year     | 2536/3250          | I        |
| 16   | 4837     | Anju                | B.Sc. Physical Science<br>III year     | 2320/3250          | II       |
| 17   | 5056     | Pallavi Kohli       | B.Sc. Life Science<br>III year         | 2712/3500          | I        |
| 18   | 5015     | Renu                | B.Sc. Life Science<br>III year         | 2548/3250          | II       |
| 19   | 5219     | Komal Joshi         | B.Sc. Applied Life<br>Science III year | 2394/3500          | I        |
| 20   | 5215     | Kuldeep Drall       | B.Sc. Applied Life<br>Science III year | 2292/3500          | II       |
| 21   | 4408     | Pooja Sharma        | Botany (H) I year                      | 427/550            | I        |
| 22   | 4425     | Nisha Singh         | Botany (H) I year                      | 409/550            | II       |

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| S.No | Roll No. | Name of Student  | Course                               | Obtained/<br>Marks | Position |
|------|----------|------------------|--------------------------------------|--------------------|----------|
| 23   | 4602     | Vaishali         | Microbiology (H)<br>I year           | 455/550            | I        |
| 24   | 4613     | Shiv Gopal       | Microbiology (Hons.)<br>I year       | 438/550            | II       |
| 25   | 5059     | Kusum Jain       | Zoology (H) I year                   | 439/550            | I        |
| 26   | 5050     | Anjali           | Zoology (H) I year                   | 423/550            | II       |
| 27   | 4846     | Kritika          | Physics (H) I year                   | 484/600            | I        |
| 28   | 4802     | Priyanka Kaushik | Physics (H) I year                   | 481/600            | II       |
| 29   | 4803     | Pulkit           | Physics (H) I year                   | 481/600            | II       |
| 30   | 4201     | Sheetal          | B.Sc. Physical Science<br>I year     | 422/500            | I        |
| 31   | 4052     | Priyanka Sharma  | B.Sc. Physical Science<br>I year     | 416/500            | II       |
| 32   | 3607     | Sandeep Joshi    | B.Sc. Life Science<br>I year         | 422/500            | I        |
| 33   | 3804     | Radhika Jindal   | B.Sc. Life Science<br>I year         | 411/500            | II       |
| 34   | 5218     | Deepak Chauhan   | B.Sc. Applied Life<br>Science I year | 390/500            | I        |
| 35   | 5242     | Rani             | B.Sc. Applied Life<br>Science I year | 389/500            | II       |
| 36   | 001      | Pooja Khatri     | B.Com. (H) I year                    | 906/1000           | I        |
| 37   | 041      | Ayushi Bansal    | B.Com. (H) I year                    | 803/1000           | II       |
| 38   | 9807     | Shivani Jain     | B.Com. (H) II year                   | 738/1000           | I        |
| 39   | 9622     | Hemant Kumar     | B.Com. (H) II year                   | 735/1000           | II       |
| 40   | 2201     | Kunal            | B.Com. (H) III year                  | 2130/2700          | I        |
| 41   | 2234     | Manish Bansal    | B.Com. (H) III year                  | 2058/2700          | II       |
| 42   | 8806     | Tripta Gandhi    | B.Com. (Prog.) II year               | 698/900            | I        |
| 43   | 8618     | Navan Kumar      | B.Com. (Prog.) II year               | 697/900            | II       |
| 44   | 8814     | Shubham Tripathi | B.Com. (Prog.) II year               | 697/900            | II       |
| 45   | 1463     | Sunita Pandey    | B.Com. (Prog.) III year              | 1922/2500          | I        |
| 46   | 1851     | Shikha           | B.Com. (Prog.) III year              | 1941/2500          | II       |

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| S.No | Roll No. | Name of Student   | Course                  | Obtained/<br>Marks | Position |
|------|----------|-------------------|-------------------------|--------------------|----------|
| 47   | 57       | Manoj Tushir      | Hindi (H) I year        | 785/1000           | I        |
| 48   | 90       | Himani Tomar      | Hindi (H) I year        | 762/1000           | II       |
| 49   | 6613     | Aarti             | Hindi (H) II year       | 519/xxx            | I        |
| 50   | 6601     | Pooja             | Hindi (H) II year       | 500/xxx            | II       |
| 51   | 3204     | Soniya            | Hindi (H) III year      | 1378/2000          | I        |
| 52   | 3228     | Shanu Gupta       | Hindi (H) III year      | 1366/2000          | II       |
| 53   | 42       | Harsh Rahul       | Geography (H) I year    | 819/1000           | I        |
| 54   | 19       | Vikas Kumar       | Geography (H) I year    | 805/1000           | II       |
| 55   | 7045     | Kumar Bharti      | Geography (H) II year   | 753/xxxx           | I        |
| 56   | 7038     | Avinash Kumar     | Geography (H) II year   | 733/               | II       |
| 57   | 3614     | Sachin Pandey     | Geography (H) III year  | 1908/2800          | I        |
| 58   | 3685     | Sharvan Kumar     | Geography (H) III year  | 1874/2800          | II       |
| 59   | 146      | Diksha Mahipal    | English (H) I year      | 751/1000           | I        |
| 60   | 48       | Ayush Vatsa       | English (H) I year      | 728/1000           | II       |
| 61   | 6483     | Ritika            | English (H) II year     | 519/1600           | I        |
| 62   | 6415     | Raavi Sehrawat    | English (H) II year     | 514/1600           | II       |
| 63   | 3024     | Vishakha Antil    | English (H) III year    | 1395/2200          | I        |
| 64   | 3019     | Neha Kaushik      | English (H) III year    | 1355/2200          | II       |
| 65   | 09       | Himanshu Pal      | History (H) I year      | 749/1000           | I        |
| 66   | 77       | Kundan Kumar      | History (H) I year      | 718/1000           | II       |
| 67   | 6853     | Mahesh Krishan    | History (H) II year     | 545/1300           | I        |
| 68   | 6805     | Deepak            | History (H) II year     | 515/1300           | II       |
| 69   | 3405     | Aashish Sourabh   | History (H) III year    | 1518/2200          | I        |
| 70   | 3423     | Ashutosh          | History (H) III year    | 1494/2200          | II       |
| 71   | 06       | Neelu             | Pol. Science (H) I year | 747/1000           | I        |
| 72   | 019      | Mohit Kumar       | Pol. Science (H) I year | 731/1000           | II       |
| 73   |          | Abhishek Kumar    | M.A. I year             | 235/400            | I        |
| 74   |          | Priya Tyagi       | M.A. I year             | 234/400            | II       |
| 75   |          | Sandeep Kr. Yadav | M.A. II year            | 974/1600           | I        |
| 76   |          | Vikas Kumar       | M.A. II year            | 950/1600           | II       |





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