

ANNUAL REPORT

2013-14



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SWAMI SHRADDHANAND COLLEGE
UNIVERSITY OF DELHI



ANNUAL REPORT 2013-14

Hon'ble Vice Chairman, University Grant Commission, Prof. H. Devaraj, Guest of Honour, Respected Dr. Meera Sood, Secretary, Sports Council, University of Delhi, Respected Prof. Rup Lal, Chairman, Governing Body, Respected Prof. H.S.Prasad, Treasurer, Governing Body, members of Governing Body, distinguished guests, members of the teaching and non-teaching staff and dear students.

It gives me great pleasure to welcome you all on this august occasion of the 46th Annual Prize Distribution Function of the college. We are indeed privileged with the gracious presence of an eminent academic, scholar and able administrator Prof. H. Devaraj as Chief Guest and Dr. Meera Sood, Secretary, Sports Council, University of Delhi, Delhi as Guest of Honour.

Prof. H. Devaraj, Professor in Bio-chemistry, Department of Zoology, University of Madras has held many academic and administrative posts besides being awarded many awards and honours, before taking charge as Vice-Chairman, University Grants Commission (UGC). The prominent among them is the prestigious UGC-BSR Distinguished Scientist Award in the year 2011; the Exchange Visitors Fellowship, Clemson University, USA (1998-1999); Indian National Science Academy Award, University of Bonn, Germany (1998), besides other awards.

He is Doctorate of Science (D.Sc.) from the University of Madras and has served as Syndicate Member for 2 years and as Incharge Vice-Chancellor, University of Madras. He also served as the Guindy Campus Director and Director of Dr. A.L. Mudaliar Centre for Basic Science Development. Besides this, he has many research publications to his credit.

EXPERIENCE & POSITIONS HELD

Director, Dr. A.L. Mudaliar Centre for Basic Science Development, University of Madras (December, 2009 onwards), Syndicate Member, University of Madras (March, 2009-July, 2010).

Professor & Head, Department of Biotechnology, University of Madras (February, 2008-July, 2010).

Director, University of Madras, Guindy Campus (2006-2008).

FIELD OF SPECIALIZATION & PUBLICATIONS

Academic Administration, Aquaculture biotechnology, Stem Cell and Cancer Biology Number of Publications: 92 (with 40 Ph.D., 2 Patents & 4 Books).

FUNDING THROUGH

DBT, DST, UGC, ICMR: 5.00 crores involved in various National and International collaborative projects worth-US\$ 6 Million.

HONOURS & AWARDS

- Tamil Nadu State Council for Higher Education, Govt of Tamil Nadu, Member 2012-2015.

- Academic Achievement Award, University of Madras, Chennai-2012.
- UGC BSR Scientist Award 2011.
- Tamil Nadu Scientist Award (TANSA), Govt. of Tamil Nadu (2004).
- Exchange Visitor Fellowship, Clemson University, USA (2001-2003).
- Ministry of HRD Merit Scholarship Overseas Visit Programme-USA (1988-1991).
- Indian National Science Academy Award, University of Bonn, Germany (1998).
- Review Panel Member 2010: Indo- German (INSA-DFG) to review projects from India/
German Universities Expert Committee Member (UGC) to give UPE status to various
universities like BHU, University of Pune etc.
- Member of Star College Programme (DBT).

Dr. Meera Sood, Secretary, Delhi University Sports Council, University of Delhi w.e.f. 15.9.2011 till date.

- Officiated as Principal, Vivekananda College, Vivek Vihar, Delhi-110095 w.e.f. 08.08.2009 to 16.08.2009 and 8th June 2011 to 13th June 2011.
- Appointed as an expert in various Tournament Committees of the University of Delhi, since 1981.
- Officiated in a number of matches and University Inter College Tournaments since 1981.
- Member of the organizing and administrative committee for the Indira Gandhi Gold Cup (Hockey) 1994-95 held at the National Stadium, New Delhi.
- Member of the organizing and administrative committee for the Guardian Three Nation Women Hockey Tournament 1996 held at the Shivaji Stadium, New Delhi.
- Member of the Organising and administrative committee for The Senior National Women Hockey Championship 1996 held at the National Stadium, New Delhi.
- Member of the Delhi University Sports Council and have been appointed as Member of the Selection Committees for different games from time to time (Hockey, Kabaddi, Basketball, Cross Country, Athletics, Volleyball, Handball, Judo, Football, Softball etc.)
- Honorary Joint Secretary of the Delhi Women Hockey Association.
- Captain of the Jiwaji University athletic team 1977-78.
- Represented Jiwaji University as a member of the basketball team 1977-78.
- Represented Jiwaji University as a member of the kabaddi team 1978-79.
- Participated in the National Sports Festival for Women in the year 1976 and 1977 as a member of M.P. State Athletic team.
- Winners in the Inter College Cricket Tournament 1975-76 and 1979-80.
- Was placed 3rd in School National in Athletics-1972.
- Secured First position in the Inter College Athletics Meet for the years 1975-76, 1976-77, 1977-78 and 1979-80.

- Secured Third position in the Y.M.C.A. Athletic meet held in the year 1976 at New Delhi.

Prof. Rup Lal, Chairman, Governing Body is Professor of Zoology, University of Delhi. He started his teaching career as a lecturer in Zoology at Sri Venkateswara College, University of Delhi, in 1979. He was appointed as Reader at the Department of Zoology, University of Delhi in 1992. In April 2000, he became Professor in the same department. He was the Head of the Department of Zoology (November, 2007-November, 2010) and Dean, Faculty of Science (November, 2007-July, 2010), University of Delhi. He has also served as Chairman of Board of Research Studies, Member of Academic & Executive Council, University of Delhi (2007-2010) and Coordinator UGC, SAP programme (2007-2010).

- **Dean, Examination**, University of Delhi, Delhi-110007 (November 6, 2012 to till date)
- **Associate Professor**, Department of Zoology, University of Delhi, Delhi-110007 (April 13, 1992 to March 2000); **Assistant Professor**, Department of Zoology, Sri Venkateshwara College, Dhaula Kuan, New Delhi-110021 (July 23, 1979-April 12, 1992).
- **Dean**, Faculty of Sciences, University of Delhi, Delhi-110007 (November 8, 2007 to June 7, 2010).
- **Head**, Department of Zoology, University of Delhi, Delhi-110007 (November 8, 2007 to November 7, 2010).
- **Chairman of Board of Research Studies**, University of Delhi (July 31, 2008 to June 7, 2010).
- **Member of Executive Council**, University of Delhi (November 8, 2007 to June 7, 2010).
- **Member of Academic Council**, University of Delhi (November 8, 2007 to November 7, 2010).
- **Chairman of Standing Committee, Academic Council**, University of Delhi (November 8, 2007 to June 8, 2010).
- **Warden**, PG Men's Hostel University of Delhi, Delhi-110007 (March 2000 to August 2001).
- **Provost**, Mansarovar Hostel, University of Delhi, Delhi-110007 (June 22, 2007 to till date).
- **Chairman**, Governing Body of Hindu College, University of Delhi, Delhi-110007 (October, 2012 onwards).
- **Chairman**, Governing Body of Swami Shraddhanand College, University of Delhi, Delhi-110036.

Prof. H.S.Prasad, Treasurer, 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, University of Delhi, 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.

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 the following Committees and Boards:

- Member: Executive Council, Delhi University.
- Head, Department of Philosophy, Delhi University.
- Dean, Faculty of Arts, Delhi University.
- Chairman: Board of Research Studies in Humanities, Faculty of Arts, Delhi University.
- Chairman: D.S. Kothari Hostel, Delhi University.
- Chairman: Library of Arts Faculty, Delhi University.

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.

ADMISSIONS

The total number of students in the college for 2013-2014 session is 3770. More significantly, the cut-off percentages for admission in 1st year to various courses were:

S.No.	Course	Percentage of Marks			
		General	OBC	SC	ST
1.	Bachelor with Honours in Physics	85	80	68	68
2.	Bachelor with Honours in Chemistry	81.5	76	68	68
3.	Bachelor with Honours in Botany	65	60	55	55
4.	Bachelor with Honours in Zoology	76	69	68	61
5.	Bachelor with Honours in Microbiology	83	80	70	70
6.	Bachelor with Honours in Mathematics	82	76.5	68.5	68.5
7.	B.Tech Computer Science	92	86.5	75	74
8.	Bachelor with Honours in English	75	60	55	55
9.	Bachelor with Honours in Hindi	60	58	54	50
10.	Bachelor with Honours in Geography	72	67	57	57
11.	Bachelor with Honours in History	67	57	54	52
12.	Bachelor with Honours in Political Science	70	65	59	59
13.	Bachelor with Honours in Economics	80	73	63	63
14.	Bachelor with Honours in Commerce	83	60	58	50

Number of seats in various Courses 1st Year

S.No.	Course	Students
1.	Bachelor with Honours in Physics	50
2.	Bachelor with Honours in Chemistry	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 Honours in Mathematics	40
7.	B.Tech Computer Science	40
8.	Bachelor with Honours in English	120
9.	Bachelor with Honours in Hindi	120
10.	Bachelor with Honours in Geography	62
11.	Bachelor with Honours in History	100
12.	Bachelor with Honours in Political Science	60
13.	Bachelor with Honours in Economics	60
14.	Bachelor with Honours in Commerce	420

DEPARTMENT OF BOTANY

The Department of Botany organized an educational trip to Asola Bhati Wildlife Sanctuary, Govt. of NCT, Delhi, to enrich knowledge of students about environment causes, flora and fauna of Delhi. Another educational trip was organized to visit Biotechnology Centre and the Department of Microbiology, University of Delhi, South Campus, where students interacted with scientists and Professors of the Centre and the Department and enriched their knowledge about fermentation technology, cellulose production by bacteria, biodiesel production by fungi, down stream processing and microbial enzyme production.

DEPARTMENT OF CHEMISTRY

Department of Chemistry organized a Book Fair-2014 at in the new campus of the college on 28th January, 2014.

The department also organized Chemistry Quiz-2013 in March, 2013. A lecture on "Conducting Polymers" was delivered by Dr. S.K. Dhawan, National Physical Laboratory (NPL) Delhi. Faculty members and students also involved themselves in many ongoing summer and innovative projects. Dr. G.K. Parashar supervised Inter-College Summer Project-2012 and 2013.

Dr. S.B. Tyagi co-ordinated 21 day "Refresher course organized by CPDHE and Institute of Life Long Learning (ILL), University of Delhi, from 26th December, 2012 to 15th January 2013. He is also Principal Investigator of the Project titled "Where chemistry meets culture: Estimation of nutrients content of food cooked by different methods and its impact on health of people of various regions of India" selected as Innovative Project (SSNC-2014) for 2013-14 by University of Delhi, Delhi.

Dr. Bhupinder Mehta co-authored a book entitled 'Organic Chemistry' published by PHI Learning Pvt. Ltd., New Delhi. He is member of syllabus formation committee for Chemistry (Organic Chemistry); for Discipline Course -2 (DC-2) for FYUP University of Delhi, Delhi.

Dr. G. Gaur is the Principal Investigator of the Project titled "Morphology controlled synthesis of multiferroic nonmaterials by wet chemical method and evaluation of their magneto electric, optical and photo-chemical properties" selected as Innovative Project (SSNC-207) for 2013-14 by the University of Delhi, Delhi.

Dr. Pradeep Pratap Singh attended international conference on "Interface between Chemistry and Environment (ICICE)" organized by Department of Chemistry, Ramjas College, University of Delhi 13-14th December, 2012. He attended 21 day "Refresher course organized by CPDHE and Institute of Life Long Learning (ILL), University of Delhi, from 26th December, 2012 to 15th January, 2013. He supervised Summer Project-2013, organised by Department of Chemistry of the college.

Dr. Saraswati Kanodia participated in a two day international conference on "Interface between Chemistry and Environment" held at Ramjas College, University of Delhi, Delhi in December, 2012. She supervised the Summer Project entitled "To study the rancidity of various vegetable oil samples" from 8th July to 12th July, 2013. She was also onr of the the Jury Members in 3rd National Level Exhibition & Project Competition, organized by Ministry of Science and Technology, DST, Delhi on October 8-10, 2013 at Pragati Maidan, New Delhi. Dr. Seema Gupta was Jury Member in 3rd National

Level Exhibition & Project Competition October 8-10, 2013 Pragati Maidan, New Delhi. She is working on Innovative Project entitled "Assessment of Microbial & Chemical quality of drinking water samples from various technologies available to make it potable" SSNC 205 (2013-2014). Mr. Kamal Sharma supervised Summer Project-2013, and organized Chemistry Quiz-2013.

Dr. Mamta Kharkwal got Young Scientist fast track project, awarded by Department of Science and Technology, Government of India, entitled "Fabricating multifunctional materials based on novel layered double hydroxides" under SARB Fast Track Scheme for Young Scientist by Department of Science and Technology, New Delhi, (No. SR/FT/CS-89/2011).

The department also published the first edition of Magazine named "**CHEMICA**" in the month of February. Dr. G.K. Parashar, Dr. Pradeep Pratap Singh, Dr. Saraswati Kanodia, Dr. Seema Gupta, Mr. Kamal Sharma and Dr. Yogesh Kumar Sharma supervised the students in the **Summer Project-2013** organized by the Department. Dr. S.B. Tyagi and Dr. Mamta Kharkwal have got the innovative project entitled "Where chemistry meets culture: Estimation of nutrients content of food cooked by different methods and its impact on health of people of various regions of India" selected as Innovative Project (SSNC-204) by University of Delhi. Dr. Bhupinder Mehta revised his book entitled 'Organic Chemistry' Published by PHI Learning Pvt. Ltd. New Delhi (Year of publication, 2005). Dr. G. Gaur and Dr. Yogesh Kumar Sharma has got the innovative project entitled "Morphology controlled synthesis of multiferroic nano materials by wet chemical method and evaluation of their magnetoelectric, optical and photo-chemical properties" (SSNC-207) by University of Delhi. He has contributed a *Chapter* in the book entitled "Antioxidants: The Free Radical Scavengers", 2014, published by Research India Press, New Delhi. Dr. Pradeep published a *Research Paper* entitled "Activity Guided Isolation of Antioxidants from *Terminalia arjuna*" in *Natural Product Research* (published by Taylor & Francis, 2014). Dr. Pradeep and Dr. Saraswati attended an Orientation Programme for academic counselors by Prof. B.N. Koul organized by regional centre, IGNOU on 19th October, 2013. Dr. Saraswati and Dr. Seema Gupta have got the innovative project entitled "Assessment of Microbial & Chemical quality of drinking water samples from various technologies available to make it potable" (SSNC-205) by University of Delhi. Dr. Suman Yadav has got the innovative project entitled "Novel anticorrosive, antipollution coating for the prevention of pollution" (SSNC-203) by University of Delhi. Dr. Seema Gupta contributed a Chapter in the book entitled "Scientific Appraisal of Waste Water Treatment", 2014, publishing by Research India Press, New Delhi. Dr. Mamta Kharkwal is working on young scientist project entitled "Fabricating multifunctional materials based on novel layered double hydroxides", awarded by DST, Government of India.

DEPARTMENT OF COMMERCE

The commerce department organized an industrial trip for FYUP Ist semester students to Yakult Danone, Sonapat. The HR manager gave a presentation on Yakult Danone history and then discussed about the mission, vision, structure of the organization and the marketing strategies. She also discussed about the different ways in which Probiotic milk is processed.

- On 24th January, 2014 Dr. D.R. Jalwani organized an audio/visual lecture presentation by

Shashi Uppal on "Self Discovery-Innovative, Educational and Motivational" by . The students were taught essentials of various skills.

- On 29th January, 2014, Mr. G.N. Mishra, Sr. Regional Head Academics from Times Education Pvt. Ltd. delivered a lecture on, "Audio/Visual presentation on Resume-writing". The session was completely interactive and the students learnt the art of making effective CV.

Quiz Competition and Talent Hunt

On 7 November, 2013 the department organized a debate competition. It provided platform to students to express their views on the topic "FYUP-Pros and Cons" and "Love Marriage vs Arranged Marriage". There was an open session in the house of Business Quiz. The Department also conducted dance and singing competition. The function was concluded by motivational and influential speeches of eminent professors.

Dr. L.R. Paliwal, participated three day national seminar and conference of Indian Commerce Association organized by University of Bangalore, Bangalore, Karnataka 5th-7th December, 2013 and presented two papers titled "The Direct Cash Transfer Scheme: A Conceptual Study of Aapka Paisa Aapke Haath" and "Convergence of Commerce Education with Inclusive Growth and Sustainability". He also participated two day International conference of All India Accounting Association organized by Andhra University, Vishakhapatnam, Andhra Pradesh, on 11th-12th January, 2014, presented two papers titled "A Study of New Dimension in the field of Accounting" and "XBRL-An Emerging Dimension of Reporting: A Case Study of Indian Context".

Dr. Mohar Singh and Dr. L.R. Paliwal participated two day conference organized by Department of Business Administration, Jai Narain Vyas University, Jodhpur, Rajasthan and Presented papers titled "Ecometric Techniques: A Path for the Business Managers to be a successful one" and "Convergence of IFRS and Indian GAAP"

Dr. Simran got the following publications:

List of Publications, Research Papers and Seminars

1. Research Paper on "Current Role of Entrepreneurship in Global Green Market" published in International Journal of Management (IJM), Volume 4, Issue 5, (September-October, 2013).
2. Research Paper on "Key Challenges and Trends Faced by Human Resource" published in International Journal of Management (IJM), ISSN : 0976-6502, ISSN Online: 0976-6510, Volume 4, Issue 5, (February, 2014).

Ms. Aradhana Chadha got the following publications:

1. Research paper on "A study of Banking services and customers of private and public sector Banks". Journal of commerce and Management Research.
2. Newspaper Articles:
 - a) Article published on "Preventing Suicide".
 - b) Article Published on security of women in the Present era".
 - c) Rupee Fall.

Dr. P.V. Khatri, Associate Professor in the department published a book entitled "Corporate Governance and Social Responsibility" during this academic year and various research articles in different Journals.

DEPARTMENT OF COMPUTER SCIENCE

The prestigious B.Tech. course was introduced in the academic year 2013-14. Mrs. Meera Sharma, attended a three day workshop on IT foundation course for FYUP organized by CPDHE, University of Delhi.

DEPARTMENT OF ECONOMICS

Under the FYUP the Department of Economics launched Economics (Honours) programme for the first time in the college and the result of the first semester students has been very encouraging. An inter-departmental quiz competition was organised by the Department on 1st October, 2013. Six teams participated in this competition and the winner was awarded with an English Dictionary and certificate. The department distributed a departmental diary and certificates to every participant. Mr. Raj Kumar published a paper "Renewable Deployment in India: Financing Costs and Implications for Policy", in Energy Policy Journal, U.S.A., in 2013. Mr. Vinod Kumar Mayala attended ICSSR sponsored six day Research Methodology course for SC, ST, Ph.D. students in Social Science organized by Department of Geography, of the college in collaboration with Department of Geography, University of Delhi, 26 December, 2013 to 1 January, 2014.

Mr. Jitendra Kumar Pandey published an article in Vaikalpik Aarthik Samiksha with the theme 'Navudarvadi Neetiyam: Nakami aur Duragrah. His article covered the Industrial section of this Alternative Economic Survey, highlighting the lack of growth in competitiveness and employment generation in Indian Industry leading to current account imbalances in the economy.

DEPARTMENT OF ENGLISH

The Department of English organised a poetry recitation competition of budding poets on 6th of September, 2012 on the theme of the Poetry Recitation and a one day film festival for the students on 17th October, 2012. The chief guest was Dr. Vinod Verma, Associate Professor, Maharaja Agrasen College, University of Delhi. The department screened the movies, Charlie Chaplin's 'Modern Times', Jonathan Miller's 'Antony and Cleopatra' and Satyajit Ray's 'Rabindranath Tagore'.

Inter-College Debate Competition Report

With an avid response, English Literary Society—a body of the department of English, aiming to ponder the current roles of media in society, organized "D-Bait"—an Inter-College Debate Competition on 12th February, 2013. The event was honoured by the presence of Dr. Om Gupta, Mr. R.R. Bagh, Senior Advocate, Delhi High Court, Mr. Anand Sourab, eminent Journalist, PTI and Dr. Rajesh Kumar, teaching faculty, Motilal College as the jury member. Chetna Goswami from Deshbandhu College turned out as the best participant, while the hosts won the second position in the representation of Karan Salhotra. Mukesh Paswan from P.G.D.A.V. College bagged the third position.

Talk

The department organized a talk by Mrs. Bimala Bardhan (CS Fellowship awardee for the year 2012-13). Mrs. Bardhan gave a lively talk on 'The rural education scenario in Odisha in the context of Right to Education' which was followed by a lively interaction amongst her and the students and teachers from the various departments of the college.

Dr. Kuhu Chanana of the Department of English got the following articles published:

1. "Ambivalent Adaptation Techniques and the Mis(representation) of Gay identity in Mainstream Hindi Cinema" in 'Gay Subcultures and Indian Projections' ed. Sukhbir Singh published by IAS (Indian Institute of Advanced Studies) Shimla, 2014.
2. "Lesbian Fabulation in Suniti Namjoshi's Poetry: A Tool to Familiarize or to Escape?" in 'Body in Indian Women Poets' ed. Arnab Das, Common Ground, Kolkata, 2014.

DEPARTMENT OF GEOGRAPHY

The Department of Geography in 2013-14 organised its annual GEO-FEST. During the festival two lectures were delivered by prominent geographers of University of Delhi. Dr. Surinder Singh, Associate Professor, Shivaji College delivered a lecture on Global Climate Change and Dr. Anupama Hasija, Saheed Bhagat Singh College spoke on "Opportunities and Challenges in Tourism Industry of India". On the occasion of fest the annual magazine "GEOVISION" was also inaugurated by the distinguished speakers. Activities like Quiz, Map-Pointer, Poster Making and Photography competition were organised during the GEO-FEST. Students from different colleges like Kirori Mal College, Saheed Bhagat Singh College, Ambedkar College, Aditi College also participated in the events. The students from the department also participated in different events in other colleges and won many prizes. Pankaj Kumar Gautam, Harish Kumar, Rupali Sain, Rajnish Ranjan and Suryakant Pandey won first prize in Model Making in Saheed Bhagat Singh College (Morning). Roopa a student of B.A. (Honours) Part II won the first prize in 400 meter race. Nikhil won the second prize in rangoli competition in Bhartiya Vidhyapeeth Engineering College. Suryakant won the second prize in Dalal Street Competition in Bhartiya Vidhyapeeth Engineering College. Harish and Pankaj won the second prize in quiz competition in B.R. Ambedkar College.

The faculty members of the department presented their research findings in various national and international conferences. Dr. Daljit Singh presented his research paper at International Conference on Urban Studies in Germany. Dr. Subhash Anand visited and presented his research findings in Guangzhou (China), Taipei (Taiwan), Kyoto (Japan) and Ashikawa (Japan). Mr. Ajay Kumar presented his research paper in International Geographical Union Conference at Kyoto (Japan) and in workshop on "Regional Forest Governance" held in Hiroshima (Japan).

Dr. Subhash Anand also organised a Seven Day Research Methodology training programme for Ph.D. Research Students in Social Sciences sponsored by ICSSR during 26th December, 2013-1st January, 2014. The participants in the programme came from all over the country and from different subjects of social sciences. Dr. Subhash Anand was appointed as Associate Professor in the Department of Geography, University of Delhi. He was nominated as Executive Member,

Commission on Geoparks, International Geographical Union (IGU). Also joined as Post-doc researcher in Department of Geology and Geography, University of Turku, Finland.

He has also organized ICSSR sponsored Seven Day Research Methodology Course for SC/ST Ph.D. Scholars in Social Sciences from 26th December, 2013-1st January, 2014 at Department of Geography, University of Delhi.

Published following books:

1. "Progress in Environmental Management: Indian Experiences" (Edited), RIP, New Delhi, 2013.
2. "Dynamics of Rural Development in Delhi" (Authored), Research India Press, New Delhi, 2013.

Published following research papers:

1. **Geodiversity, Geographical Heritage and Geoparks in India**, International Journal of Geotourism, Volume 1(1), 2013.
2. **Some Aspects on Declining Water in Eastern Haryana**. Journal of Water and Land use Management (0973-9300) Volume 13(1): 23- 28.
3. **Status of Water Resource in Mirzapur District, Uttar Pradesh**. Journal of Water and Land use Management (0973-9300) Volume 13(2): 1-14.
4. Role of Resident Welfare Associations (RWAs) in Solid Waste Management in Delhi, Journal of Water and Land use Management (0973-9300) Volume 13(2): 43-56.
5. Emissions from Landfill sites and Solid Waste Management: An Approach to Mitigate Urban Climate Change in Delhi, India, The Horizon, Volume 5(2), 2014.

Participated in following International Conferences:

1. Winter workshop on Sustainable Land use for Asia 2014 during 25th-26th January, 2014 at Institute of Geography, Hokkaido University of Education, Ashahikawa, Japan.
2. Regional Conference of International Geographical Union, Kyoto, Japan, 2013.

Ph.D. Supervision

One of his Ph.D. student submitted her thesis entitled "Conservation and Management of Water Resource: A Study of Rural Mirzapur" from University of Delhi, 2014.

Ajay Kumar Gurjar, Department of Geography

Publications:

Books

- Dynamics of Rural Development in Delhi, Research India Press, New Delhi.
- Jal Sankat: Sanrakshan evam Bhavisya ki Chunautiya, Jyoti Prakashan, Jaipur.

International Journals/Books

- "Environmental Implications of Depleting Traditional Water Bodies in NCT of Delhi", in Y. Himiyama (ed.) Towards Sustainable Land Use in Asia (IV), SLUAS Science Report, Asahikwa, 2013.

National Journals/Books

- Published paper on "Land Use Land Cover Change in Peripheral National Capital Region: A Case Study of Alwar District, Rajasthan" in Journal of Water and Land use Management, Volume 13 (2): 13-24 (2013) (ISSN 0973-9300), 2013.
- Published paper on "Marusthaliya Paristhithiki par Sinchai ka Prabhav" (Hindi) in Jal Prabandh Sodh Patrika, Volume 2: 103-115 (ISSN 0975- 704X), 2013.
- Published paper on "Impact of Changing Monsoon Pattern on Dryland Agriculture in India: A Case of Nagaur District" in Journal of Water and Landuse Management, Volume 13 (1): 1-14 (2013) (ISSN 0973-9300), 2013.
- Published chapter on "Environmental Implications of Brass Industry in Moradabad City, Uttar Pradesh" in S. Anand's (ed.) Progress in Environmental Issues: Indian Perspective, Research India Press (2013).

Seminars and Conferences:

International

- Presented paper on "Strategy for Controlling Water-logging in Drylands of India: A Case of Western Rajasthan" at International Geographical Union Conference (IGU) Regional Conference, Kyoto (Japan) during August 4th-9th, 2013.
- Presented paper on "Impact of Changing Monsoonal Pattern on Drylands of India: A Case of Nagaur District" at International Geographical Union Conference (IGU) Regional Conference, Kyoto (Japan) during August 4th-9th, 2013.
- Presented paper on "Local Knowledge and Forest Management in Changing Environment of Rajasthan Drylands in India: A Case of Sariska National Park" at International Geographical Union Conference (IGU) Regional Conference, Kyoto (Japan) during 4th-9th August, 2013.
- Presented paper on "Local Knowledge and Forest Management in Changing Environment of Rajasthan Drylands: A Case of Sariska National Park and Fringe area" at 1st Project Workshop on Regional Governance in Forest and its Fringe, Hiroshima Jogakuin University, Hiroshima, 3rd August, 2013.
- Presented paper on "Climate Variability and Resource Use Dynamics in Drylands: A Case Study of Nagaur District, Rajasthan, India" at International Geographical Union Conference, MDU Rohtak during 14th-16th March, 2013.

The department also organized two educational trips to Daman and Diu and Jaipur. The educational trip to Daman and Diu was co-ordinated by Dr. Preeti Sachar and Ms. Anjali Yadav. The students during the trip learned about the coastal geographical features and conducted a survey on status of tourism in Daman and Diu. The trip to Jaipur was co-ordinated by Dr. Subhash Anand. The students during the trip gained knowledge on the semi-arid environment and spatio-temporal characteristics of heritage tourism.

Aakriti Grover presented a paper on "*Relationship between spatial pattern of land use/cover and*

surface temperature using Landsat TM satellite data – A case study of Delhi” at 1st International Conference of Association of Punjab Geographers on Disasters, Natural Resource Management and Socio-economic Development, Kurukshetra University, 4th-5th October, 2013.

Dr. Ushvinder Kaur got a book published titled “Coping with cyclones in India” by Research India Press, New Delhi, 2014; Involved in NCERT developing resource material on manmade disaster management, 2013-14 are following:

Academic Achievements of Dr. Anand Malik, Associate Professor, Department of Geography, during session 2013-14.

Course Attended:

1. Completed certificate course/training in ‘Assessment and Management of Geological and Climate Related Risk’ from ‘Institut Des Sciences De L’Environnement, University De Genève, Switzerland from 13th April to 10th July, 2013.

Book:

1. Published a book titled ‘Dictionary of Geoinformatics’.

Papers/Posters:

1. Published paper on ‘Thomas Kuhn and Changing Paradigm in Geography: Critical Review’ in AJMS Vol. 2, No. 4 (ISSN: 2321-8819).
2. Poster presented on ‘Debris analysis using Flow-R model’ in *Institut Des Sciences De L’Environnement, University De Geneve*.

Workshop/Round Table attended:

1. 4th session of ‘Global platform for disaster risk reduction’, United Nation (UN), Geneva, Switzerland, from 19th-23rd May, 2013.
2. Round table with ‘International Organizations dealing with disasters’, conducted by University of Genève, Switzerland, on 3rd June, 2013.

Field Visits:

1. Seismotectonics Vuache fault for *Geological Fault Assessment*, France held from 20th-22nd April, 2013)
2. Vulcano, Stromboli Island for *Volcano Risk Assessment*, Italy (from 12th-19th May, 2013)
3. Les Diablerets for *Landslide and Flood Risk Assessment*, Switzerland (26th-31st May, 2013).
4. Manali Region for *Debris flow and Flow-R Model Validation*, Manali (India), from 22nd-30th November, 2013.

Lecture/Presentation delivered:

1. Two lectures delivered on the topic “Geoinformatics in Geohazards” & “Avalanche Problems in Manali Region” on 20th July, 2013 in Geoinformatics Course for College Lecturers conducted by Department of Geography, M.D. University, Rohtak, Haryana.
2. On the topic “Modeling slope hazards: Quantifying Snow Avalanches in Himalayas” on 21st

February, 2014, conducted by 'Geoform', Department of Geography, Delhi School of Economics (DSE), University of Delhi, New Delhi.

DEPARTMENT OF HINDI

The Department of Hindi organized various competitions during the year. Under the supervision of Dr. Pradeep Kumar, Teacher-in-charge, a Hindi poetry recitation competition was held on 22nd August, 2013. Talent Hunt Competition was held on 26th November, 2013. A Hindi Literary Quiz was held for Hindi (Hons.) students on 20th November, 2013. An educational trip was organized on 27th February, 2013 to Eco Friendly Village, Kair, Nazafgarh.

Dr. Vineeta Kumari, Associate Prof. published a book titled "Sant Sahitya Mein Samrasta Ka Swar" from Sahitya Sehkar Publication, Delhi. She delivered a lecture on 'Bhartiya Sant Sahitya Ke Srot' in a National Seminar conducted by Gujarat University on 10th February, 2013. She presented a research paper "News Channel: Vichar Aur Bazaar" in the national seminar conducted by Nav Unnanayan Sahityik Society on 23rd February, 2013. Under her supervision, two students were awarded Ph.D. Degree from Delhi University and two other students are doing their Ph.D. under her supervision.

Dr. Anita Devi, Assistant Professor published a book entitled 'Premchand Ke Vichar' from Pachori Prakashan, in 2013. She has a huge contribution to the development of cultural activities in the college and is also an active member of the NSS Unit, and she did the following works during the year 2013-14:-

- Attended and presented a paper in two day national seminar on 'Media ka bazaar aur bazaar ka Media' organised by Aditi Mahavidyalaya on 19th-20th March, 2013.
- Participated in two day national seminar on 'Bhasha ki Rajaniti aur Rashtriya Asmita' organised by Atma Ram Sanatan Dharma College, University of Delhi in March, 2013.
- Participated in three days workshop on LLC-Hindi (Foundation Course) organised by CPDH, University of Delhi (UGC-ASC) on 8th July to 10th July, 2013.
- Attended and presented a research paper in a national workshop/seminar on 'Internet-yug me Mudrit Madhyamo ki Stithi' organised by Aditi Mahavidyalaya on 7th-10th October, 2013.
- Dr. Anita Devi, Assistant Professor published a book named 'Premchand Ke Vichar' from Pachori Prakashan, in 2013.

Dr. Sudhanshu Kumar, Assistant Professor, has been awarded Ph.D. in March, 2014 from University of Delhi. He published a book entitled "Sahitya Sandarbha" from Pachori Prakashan in 2013. He also published several articles in various magazines and referred research journals.

Dr. Aishwarya, Assistant Professor published a book review (Itihas ka Punarpath) in the "Samved" magazine. She also wrote a lesson for DC-1, Semester-2 "Godan: Krishi Sanskriti" (Paper-4) that is available on the website of ILL.

Published Work

- Published a chapter titled 'Print Media ka Vaicharik Paksh' in the book "Media ka bazaar aur bazaar ka Media", Aditi mahavidyalaya, University of Delhi published a paper on "Internet-yug me Mudrit Madhyamo ki Stithi".
- 'Vartaman Sandarbh me Bhudaan Aandolan' article published in ISSN numbered journal.
- Published a book entitled "Premchand: Upanyas sambandi Nibandh" published by Swaraj Prakashan.
- E-Paper on "Suraj ka Saatavan Ghoda: Vichar aur Samvedana" (DC-1, Semester-II) see online on https://docs.google.com/file/d/0B0Izh6GcIA_DLU92Z2d4dk1HbVE/preview?pli=1

Under the supervision of Dr. Pradeep Kumar, Teacher-in-charge, Hindi Department organized various competitions during the year 2013-14.

A Hindi Poetry competition was held on 22nd August, 2013. Himanshu, B.Sc. (Hons.) Microbiology, 1st year got the first prize. Diksha Vats, B.Com. (Hons.) IInd year got the second prize and Jaidev Verma, B.Com. (Prog.) IIIrd year got the third prize. Kalyan B.A. (Hons.) Hindi & Lalita B.Sc. (Hons.) Chemistry got the consolation prize.

Talent Hunt Competition was held on 26th November, 2013. Monica, Hindi (Hons.) 1st Semester became Miss Fresher & Roshan, Hindi (Hons.) 1st Semester became Mr. Fresher.

A Hindi Literary Quiz was held on 20th November, 2013 for the students of Hindi (Hons.) Kalyan, Aarti, Nisha and Pooja of B.A (Hons.) IInd year students got the first prize.

Hindi Essay Writing Competition was conducted by department on 12th February, 2014 for under graduate students of all streams. Manish Tiwari, student of B.Sc. (Hons.) Microbiology, 1st Semester got first prize. Kalyan, B.A. (Hons.) Hindi, IInd year got second prize. Mamta, B.A. Hindi (Hons.), 1st Semester got consolation prize.

A seminar was organized by the department on "Soochna Prodyogiki ke Daur mein Hindi on 7th March, 2014 which was presided over by Dr. Harish Sethi, Associate Professor IGNOU, Dr. Puran Chand Tandon, Associate Professor, Hindi Department was the Chief Guest and Dr. Rakesh Sharma, Research Officer in the Central Hindi Directorate, MHRD as guest of Honour.

An educational trip was organized on 14th March, 2014 at World of Wonder, Noida.

Dr. Pradeep Kumar, Assistant Professor attended three weeks refresher course conducted by C.P.D.H.E., Delhi University from 12th-19th November, 2013 & 14th-28th December, 2013. He attended another three weeks refresher course conducted by Academic Staff Council, Jamia Millia Islamia University from 14th January, 2014 to 3rd February, 2014.

DEPARTMENT OF HISTORY

The department of history organized a debate on "Corruption in Indian Politics". A trip to historical monuments was also organized in this academic year. Teachers of the department were involved in prolific academic and non-academic activities. Faculty members' publications and achievements are as follows:

Dr. A.N. Jha: "The Sacred Geography of the Baidyanath Cult.- through its Holy Route from Ajgaibinath to Basukinath Dham"; "Rituals and Mode of Worship of The Baidyanath Cult."; "Understanding Prehistoric Santal Parganas"; "Integration of Vajrayan Buddhism into the Baidyanath Cult."; "The Baidyanath Cult.: A Synthesis of Shaiva and Shakt Tantra"; "Religion and Making of a Region: A Study of the Baidyanath Cult." and "Migration of Maithil Brahmanas to Santal Parganas".

Mr. Kumar Sanjay Singh completed a project under Indo-Canadian Shastri Fellowship and also contributed an article 'Fighting for the Past' in K.M. Srimali edited book essays in honour of R.S. Sharma.

Mr. Ranjan Kumar contributed Map work and list of Portraits in Devesh Vijay edited, Prarambhik Adhunik Europe mein Sanskritik Pariwartan, ed., Hindi Madhyam Karyanway Nideshalay, University of Delhi; and a chapter on "Madhyakalin Bhartiya Sangeet: Bhakti and Sufi" (Medieval Indian Music: Bhakti and Sufi) in Bhartiya Upmahadwip ki Sanskritian Part-I, edited by Prof. R.C. Thakran, Shivdutt, Sanjay Kumar, published from Hindi Madhyam Karyanway Nideshalay, University of Delhi, 2013.

Mr. Manish Sharma, Coordinator, Enabling Unit, established accessible computer lab in 2013 for the students and teachers with print disability in college. As a convener of SSN memorial lecture committee, he organized a talk on "Women and the Law in India" on 12th April, 2013 delivered by Dr. Indu Agnihotri, Director, Centre for Women's Development Studies, University of Delhi.

Dr. Aditi Gupta published a paper on Mughal Perception of European maritime supremacy and piracy in International Journal of Business, Management and Social Sciences, September, 2012.

Mr. Umesh Kumar published a paper on "Pracheen Bhartiya Shaskon ke Parasaparik Sambandhon ke Vividh Aayam", Anusandhanika, (Refereed Research Journal of Social Sciences and Humanities); "Gupta evam Samkaleen Shashak", Shodh Kalpataru (An International Multidisciplinary Research Journal, A Refereed Journal), No. 8, January-March, 2013; and "Prayavaran Sankat Aur Upay" Sambhavya (International Research Journal of Indian Cultural, Social and Educational Stream, A Refereed journal Published Tri monthly) No. 13, April-June, 2013, p.p. 87-94 (ISSN-0976-9358).

Dr. Sadhna Kushwaha, Asst. Professor achievements are as following:

1. Published a book titled "Vindhya Pradesh ka Udbhav aur Vikas" published by Shri Krishna Sahitya Sadan, Delhi.
2. Published articles as under:
 - a. Vindhya Pradesh ka Itihaas ka PrarambhiK Kaal (1948-1951), published by Vaak Sudha, in Sambhavya Ank-14, July-September, 2013 ISSN No. 0976-93582.
 - b. Vindhya Pradesh ki Bhagidari: Ptatham aam Chunav (1952) ke Sandarbh Mein, published by Vaak Sudha, ISSN No. 2347-66053.
 - c. Bundel Khand ki Sandhi ke Antargat aane wali Riyasaton ka Itihas, published by Vaak Sudha, ISSN No. 2347-6605.
 - d. Bharat mein Naari ki Dasha.

DEPARTMENT OF MATHEMATICS

The college has introduced B. Sc. (H) Mathematics from the session-2013-14. The department has organized a talk on "WORLD OF NUMBERS" by Prof. Ajay Kumar, Head Department of Mathematics, University of Delhi on 21st October, 2013. Mr. R.K. Srivastava, attended orientation program on foundation course "Building Mathematical Ability" at CIC (DU) from 12th-14th June, 2013. He is working as Examination In-charge of the college. Ms. Rajinder Kaur, Ms. Neha Ahuja and Ms. Swati have attended a workshop on "Finite Group: Theory & Applications" held at Deshbandhu College from 7th-9th February, 2014. Ms. Rajinder Kaur and Ms. Neha Ahuja attended a national conference on "Advances in Mathematics" held at Hansraj College on 7th and 8th March, 2014. About 40 students have attended a workshop on "Computer Science and Differential Equations" held at Deshbandhu College on 7th & 8th March, 2014. Dr. S.H. Raza has attended "Teachers Orientation Programme" on Mathematical Awareness meant for visually impaired students at CPDHE (DU) on 12th & 13th March, 2014. Dr. Seema Bansal is awarded by Ph.D. degree on 14th March, 2014 in 91st Annual Convocation Day. Ms. Rajinder Kaur and Ms. Swati have attended a Mathematica workshop on 20th March, 2014 held at GGSIP University.

DEPARTMENT OF MICROBIOLOGY

Poonam Nandal, Shivani Khatri, Gunjan Batheja (IIIrd Year) and Manti Kumar Saha (IInd Year) participated in Bio Quiz 'Think Tank' conducted at Shivaji College, University of Delhi on 24th March, 2014. They secured 1st Position in the same and were awarded a cash prize of Rs. 10000.00. Rahul Khatri, Veeru Jaiswal, Priya Poonia and Sumit Kishore obtained IVth position.

Pranay Dey, Gunjan Batheja, Saket Vatsa Mishra (6th Sem.) and Manti Kumar Saha (4th Sem.) along with Dr. S.K. Srivastava attended "Hands on Training on Molecular Biological Techniques in Biotechnology" at the Patel Chest Institute, University of Delhi in December, 2013. They also attended a two day National Symposium on Immunology and a workshop on Flow Cytometry & Q-PCR September, 2012 at AMITY University. Anadi Anant won the second prize in English poetry competition held at SSN College on 6th September, 2012. He bagged the first prize and Palak Malhotra got 4th prize in Debate competition at our college. Anadi along with Sumedha won 3rd prize in Paper Dance at SSN College on 6th March, 2013. He also served as the guest Radio Jockey at Akashvani Bhawan for a show, where he conducted the show very confidently and brought pride to our college. Varsha Chauhan's poster on "Female Foeticide" won a lot of applause and the first prize in a Rangoli competition held at Hansraj College. Manti Kumar Saha and Shweta Jaiswal won the 3rd prize in the same competition. Priyanka and Manti won a prize in Treasure Hunt competition on the same day at Hansraj College. Ayush Sharma, Purnati Khuntia and Shweta Jaiswal contributed articles in Chemistry Department Magazine. The students of 4th Semester and 1st Semester showcased their Innovation Projects at Antardhvani Festival of University of Delhi in February, 2014. A lecture on Bacterial Cellulose: A Futuristic Biopolymer with Immense Industrial Importance was delivered by Prof. R.K. Saxena, Founder Head, Department of Microbiology, University of Delhi, South Campus on 25th March, 2014. A lecture on Design of Living Systems was delivered by Prof. M.M. Chaturvedi, Director, Cluster Innovation Centre, University of Delhi on 27th March, 2014.

Dr. S.K. Srivastava became a member of American Association of Cancer Research (AACR). He also became a member of American Society of Microbiology. He was also elected a member of the Editorial Board of the Indian Journal of Virology, Springer Verlag. He participated in the Indo-US Flowcytometry workshop held at Medanta, the Medicity, Gurgaon. He delivered a popular science talk on 'Microbes and Human Health' at the National Science Centre, New Delhi. He presented a paper in VIROCON-2013 Asia Pacific Congress of Virology Presented a lead paper-entitled "Can the Nanotechnological Applications in Agriculture and Health Sector wait for the IPR issues?" in the Indo-US International Congress on IPR February, 2014 at Amity. He attended an International Translational Research Conference on Cancer by M.D. Anderson Cancer Research Centre, USA and Delhi State Cancer Institute on 6th-9th February, 2014 at Vigyan Bhawan. He attended an International Conference on "Lymphoma: Biology and Cancer" organised by Rajiv Gandhi Cancer Institute on 15th-16th February, 2014 at India Habitat Centre along with the students Komal Priya, Saket Mishra, Sneha Rai, Sumit Kishore and Veeru Jaiswal (6th Semester). He participated in Hands on Training on RNA Interference at Department of Biochemistry, IARI, New Delhi in March, 2014.

Dr. A. Archana authored a laboratory manual (co-author Dr. Aarti Nigam of Institute of Home Economics, University of Delhi) on Biochemistry, Immunology and Biotechnology that was published through Tata-McGraw Hill. Dr. Anjana Kapoor and Dr. A. Archana were invited to be the jury members at "INSPIRE" organized by University of Delhi in October, 2013, where they judged the innovative science projects prepared by school children coming from all over India. Dr. A. Archana co-authored a chapter on "Immune Disorders" for Indira Gandhi National Open University (IGNOU). Dr. Parvinder Kaur was the first author for a chapter entitled "Laboratory and Industrial Bioreactors for Submerged Fermentations" (2013) in "Fermentation Processes Engineering in the Food Industry" published by CRC Press, London. Dr. Parvinder Kaur was also the first author of an invited article on "Psychrophilic and psychotolerant mycelial fungi" (2014) submitted for a special issue of the journal 'Kavaka' on Extremophilic Fungi.

Two separate interdepartmental innovative projects from University of Delhi were sanctioned each to Dr. Anjana Kapoor on "Isolation, identification and process development of fungal Lipases for their potential applications in industry" and Dr. A. Archana and Dr. Parvinder Kaur on "Potability of MCD water supply across Delhi-NCR and testing the efficacy of the commercially available water purifying technologies", in association with Departments of Botany and Chemistry, respectively.

Dr. S.K. Srivastava, Dr. Parvinder Kaur, Dr. A. Archana, and Dr. Anjana Kapoor authored e-Chapters for first semester students of B.Sc. (Honours) FYUP Microbiology on Medical Microbiology, Bacteriology, Protozoology, Immunology, Industrial Microbiology and Microbial Ecology, invited by Institute of Lifelong Learning (ILL) of University of Delhi.

Dr. Prabin Dhangada Majhi published an original research paper on "Pathological implications of MUC16 in lung cancer" in Journal of thoracic Oncology in 2013. Also, two of his abstracts entitled "C terminal region of MUC 16 is critical for MUC 16 mediated tumorigenesis" as well as "MUC16 upregulates TSPYL5 gene and mediates Lung Cancer cell proliferation by suppressing p53 activity" were accepted for Annual Meeting American Association for Cancer Research.

Dr. Lakshna Mahajan also published many research papers on Apoptotic pathway; proteins involved in Asthma and Allergies, and presented a poster on "Innate immune molecule Surfactant protein-D unraveled for its anti-leukemic activity" in the 5th International Conference on Translational Cancer Research (Multitargeted Approach to Treatment of Cancer) at New Delhi February, 2014.

DEPARTMENT OF PHYSICS

Dr. Vinod Prasad was the supervisor for Ms. Urvashi Arya, Dept. of Physics and Astrophysics, University of Delhi on the topic "Effect of Intense Laser Fields on Atomic Excitation and Rotational Dynamics of Polar Molecules" for her Ph.D. awarded and Mr. Rohan Trivedi, Dept. of Geoinformatics, University of Petroleum & Energy Studies Dehradun, Uttarakhand for his B.Tech. Summer project on 'Dynamics of Particle in Quantum Box' during the last academic session. He is reviewer of several international Journals, as Physics Letters, A Journal of Luminescence, Optics Communications, Superlattices and Microstructures, Indian Journal of Pure and Applied Physics, Indian Journal of Physics.

He participated in following Academic Activities During 2013-14:

- Dr. (Ms.) Urvashi Arya of Dept. of Physics and Astrophysics, University of Delhi was awarded Ph.D. under his supervision. Title of the thesis was "Effect of Intense Laser Fields on Atomic and Rotational Dynamics of Polar Molecules".
- Two of B.Tech. Students guided for their summer project. One Title of the project was 'Dynamics of Particle in a box in chirped laser pulses'.
- In addition to above Dr. Vinod Prasad reviewed research papers of the following international journals: Physics Letters A, Journal of Luminescence, optics and Communications and Indian Journal of Physics
- Dr. Vinod Prasad and his group published following research papers :
 - (i) Dynamics of orientation of adsorbed polar molecules in static electric and laser field: Brijender Dahiya, Ashish Tyagi & Vinod Prasad *Molecular Physics*, 2013 <http://dx.doi.org/10.1080/00268976.2013.856487>.
 - (ii) Asymmetric effects on the optical properties of double-quantum well systems; Poonam Silotia, Kriti Batra and Vinod Prasad in the Journal of Modern Physics, 2013, p.p. 4, ISSN 1139-1148.
 - (iii) Dynamics of Particle in Confined-Harmonic Potential in External Static Electric Field and Strong Laser Fie: Shalini Lumb, Sonia Lumb, Vinod Prasad in the *Journal of Modern Physics*, 2013, 4, ISSN 1139-1148.
 - (iv) Pulse train induced rotational excitation and orientation of a polar molecule Ashish Tyagi, Urvashi Arya, Bhavna Vidhani and Vinod Prasad Accepted for publication in *Spectrochimica Acta Part A* (2014).

Mr. Brijender Dahiya, Assistant Professor, participated in International Conference on Nanoscience and Nanotechnology (ICNN-2013) Lucknow, India, November, 2013 and delivered a *Young Researcher* talk on "ä-doped artificial atom in presence of intense laser field and electric field".

Dr. Mukesh Kumar published Proceeding of "National Seminar on Electrical Energy: Safety & Conservation" 2012, published by Shri Krishna Sahitya Sadan; Proceeding of "National Workshop on Computational Science", published by Excel India Publishers. He was also E-Proceeding Editor of Short Term Courses (SSNC & MGICCC) i.e. Environmental Sustainability: Role of Science & Technology, 2013; and Energy & Climate Change (Focus on Computational methods), 2012. "Role of computational science in understanding physics" by Mukesh Kumar presented at EDULEARN13 proceeding on 1st-3rd July, 2013, Barcelona, Spain.

1. Research Paper Published:

- a. "Investigation of High Altitude Electromagnetic Pulse Propagation under Relativistic Effect of Electrons" by O.P. Malik, Mukesh Kumar, Sukhmander Singh, and Hitendra K. Malik in "National Seminar on "Applications of Basic Sciences in Engg. & Technology" by Echelon Institute of Technology, Faridabad on December 27th-28th, 2013.
- b. "Production of Plasma and Its Effect on High Altitude Electromagnetic Pulse Propagation" by O.P. Malik, Mukesh Kumar, Hitendra K. Malik, and A. Kumar in the proceeding of International Conference on Recent Trends in Electronics Communication & VLSI", organized by Al-Falah School of Engineering & Technology, Faridabad on October, 2013.
- c. "Role of Computational Science in Understanding Physics" presented at EDULEARN-13 proceeding on 1st-3th, July, 2013, Barcelona (Spain).


2. Articles Published:

- a. Nature, Symmetry & Conservation Laws by Mukesh Kumar in GRAVITY, Vol. VI (2014) publish by Physics Society SSNC.
- b. Electrical Energy Conservation & Safety by Mukesh Kumar in proceeding of National Seminar on Electrical Energy: Safety & Conservation publish by Shri Krishna Sahitya Sadan (2013).

3. Presented a poster on Environment and Vehicle Heat along with Sagar Dahiya in RTIS Conference, 2014.

4. Proceeding of "National Seminar on Electrical Energy: Safety & Conservation" published by Shri Krishna Sahitya Sadan.
5. Editor of E-Proceeding of Short Term Courses (SSNC & MGICCC) "Environmental Sustainability: Role of Science & Technology", 2013.

6. National Conference/Workshop organized:

Training	Period	Position
MGICCC (Govt. of NCT Delhi) and SSNC (DU)	7 th -8 th February, 2014	Workshop Convener
MGICCC (Govt. of NCT Delhi) and SSNC (DU)	24 th January, 2014	Course Convener
Exhibition on Solar Energy Technology at New campus, Swami Shraddhanand College 	28 th February, 2014	Coordinator

7. Short term course organized:

Training/Courses	Year	Position/Organizer
Short Term add-on course on "Environmental Sustainability: Role of Science and Technology"	October, 2012-January, 2013	Course Coordinator

8. International/National Conference/Seminar attended:

Title of Conference & Seminar	Period	Organizer
EDULEARN13-International Conference on Education and New Learning Technologies	1 st -3 rd July, 2013	IATED Barcelona (Spain)

9. Online Certificate Course:

- Energy 101 (Georgia Institute of Technology, Atlanta, USA)
- Science from Superheroes to Global Warming (University of California, Irvine, USA)

10. PHYSICS SOCIETY EVENTS COORDINATOR

- Chief Editor of Physics department student Educational Magazine "Gravity", Vol-VI (2013).
- Intra-class Chess Competitions (2014) jointly organized by Physics Society and Dept. of Physical Education and Sport at SSN College in February 2014.
- "GREAT KOAN-2014" Intra College Physics Quiz, February-March 2014.
- One day Refresher Course in Physics on 20th March, 2014.

Dr. Monica Gambhir, Assistant Professor in the department of physics reported theoretical research on the linear and nonlinear optical absorption coefficients and changes in the refractive index in a quantum disk in the presence of a static magnetic and a laser field. She published the findings in the prestigious Journal of Luminescence Vol. 143, p.p. 361-367 (2013).

Dr. Shiva was the member of Jury for evaluation of 3rd National Level Exhibition and Project Competition (NLEPC)- 2013 under INSPIRE Awards component of Department of Science and Technology during October 8-10, 2013.

DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science organized a National Seminar entitled *Debating the Politics of Development and Governance in Contemporary India* on 17th October, 2013. Mr. Manish Kumar was the convener, Mrs. Bina Dalal was Organising Secretary, Mr. Krishna Murari was Co-convener and Mr. Pankaj Lakhera, Mrs. Kiran Singh and Dr. Jagpal Singh were the members of organizing committee. Mrs. Kiran Singh hosted the seminar in its all four sessions. Vote of thanks was made by Mrs. Bina Dalal and conclusion of the seminar was made by Mr. Pankaj Lakhera. Prof. Balveer Arora, Pro-Vicechancellor, JNU was the Chief Guest and Prof. K. N. Kabra, Indian Institute of Public Administration, was Guest of Honour. Inaugural session was chaired by Prof. M. P. Singh, Deptt. of Political Science, University of Delhi. It was followed by three interactive sessions in which esteemed scholars from different universities in India presented their scholarly written papers.

Mr. Manish Kumar (Teacher in-charge) arranged a visit to the parliament for the students of B.A. (Hons.) Political Science during the Monsoon Session on 13th August, 2013. He also arranged a educational trip to 'Yakult Danone' along with commerce Department in accordance with the course work of 'Business Entrepreneurship and Management'. He also conducted a debate competition cum welcome function for freshers on 3 September 2013. He attended a National Seminar on *Constitutional Development and Nation Building in India* held on 26th-27th September, 2013 organised by Kirori Mal College, University of Delhi.

Mr. Pankaj Lakhera registered himself for Ph.D. from Department of Political Science, IGNOU. He concluded the National Seminar organized by the department. He has also attended a UGC CAS-SAP International Conference on *State and Democracy in South Asia* conducted by Department of Political Science, University of Delhi on 28th February-1st March, 2014.

Mr. Krishna Murari co-authored a book in current academic session (authored by Prof. L. N. Sharma) *Rajneetik Samajshastra: 21vi Shatabdi ke Badalte Sandarbh mein*, published by Orient Blackswan, New Delhi, 2014. Another book is under publication (Coauthored with Prof. M. P. Singh), *Bhartiya Samvidhan, Shasan Evam Rajneeti*, by Hindi Medium Implementation Division, University of Delhi, Delhi. In this academic session he contributed chapters in several edited books as follows:

- "Bhartiya Rajneetik Vyavastha: Ek Punraavalokan", in M. P. Singh and Himanshu Roy eds. *Bhartiya Rajneetik Pranali: Sanrachna, Neeti, evam Vikas*, Delhi: Hindi Implementation Division, Delhi University, 2013, pp. 853-873. (ISBN: 978-93-80172-58-3)
- 'Gujarat Vikas ki Yatharth Gatha' in K. N. Kabra et. al. (eds.) *Vaikalpik Arthic Samiksha, 2013: Nav-udarvadi neetiyen – Nakami aur Duragrah*, 2013, pp. 145-152. (ISBN: 978-93-83354-00-9)
- "Bharat men Samajik Aandolan: Krishak, Janjatiya evm Majdoor Aandolan", in Abhay Prasad Singh (ed.), *Bharat men Rashtrawad*, New Delhi: Orient Blackswan, 2014, (ISBN: 978-81-250-5436-8).
- "Prarambhik British Bharat main Krishak evm Janjatiya Pratirodh", in Abhay Prasad Singh (ed.), *Bharat men Upniweshwad*, New Delhi: Orient Blackswan, 2014.
- "Politics in Jharkhand: A Journey without Destination?" in M. P. Singh, Himanshu Roy, and

A.P.S. Chouhan (eds.) *State Politics in India*, (Forthcoming) Primus Publications, New Delhi.

- “Political Parties in India” in Ajay Kumar Mehra (ed.) *Politics in India: Political Institutions*, to be published by EPathshala, UGC .

He also contributed a paper in a journal in this academic year (Coauthored with Prof. M. P. Singh) “Impact of Neoliberalism on Democratic Federal Governance in India”, *The Discussant: Journal of Centre for Reforms, Development and Justice*, Vol. 1, No. 3, July 2013, pp. 6-19. (ISSN: 2250-3412)

He presented a paper entitled “Models of Developmental Governance and Neoliberal Political Economy in India”, in a National Seminar on *Debating the Politics of Development and Governance in Contemporary India*, organized by the college in collaboration with Bihar Political Science Association on 17th October, 2013.

Mrs. Kiran Singh attended Annual International Studies Convention 2013, from 10th-12th December, 2013 held at Convention Centre, J.N.U. Chief Guest for the inaugural address was Shri Salman Khurshid, External Affairs Minister, Government of India. The broader theme of the convention was ‘Re-imagining Global Orders: Perspectives from the South’. It was spread in 6 plenaries, 49 panels, 72 technical sessions, several round-tables, workshops and 298 paper presentations. There were 8 parallel technical sessions on all three days. The scale of the Convention was unprecedented of its kind. She has also attended a UGC CAS-SAP International Conference on *State and Democracy in South Asia* conducted by Department of Political Science, University of Delhi on 28th February-1st March, 2014. She has submitted her Thesis titled ‘Comparative study of Russian Defence Cooperation with India and China, 1991-2009’, under the supervision of Prof. A.M. Chenoy to School of International Studies, J.N.U.

Dr. Jagpal Singh authored a book on *Role of United Nations in Conflict Management*, Hemdari Prakashan, Delhi, 2013. He has also contributed articles in several reputed journals as follows:

- “Aakhir kab tak Haashiye Par Rahegi Istri”, *Apke Shabad*, Vol.2, No. 8, March 2014 (ISSN: NO: 2347-7598).
- “India and Mauritius: A comparative Study”, *Global journal of Multidisciplinary Studies*, Co-authored with Maurya, Vibha) Vol.3, No. 3, February, 2014 (ISSN: NO: 2348-0459).
- “Langik Bhedbhav: Shiksha ek Samadhan”, *Global journal of Multidisciplinary Studies*, Vol.3, No. 3, February, 2014 (ISSN: NO: 2348-0459).
- “Socio-Cultural Relations between India and Mauritius”, *An International Journal of Education, Research Innovation*, (Coauthored with Maurya, Vibha) Vol.3, No. 4, January-March, 2014 (ISSN: NO: 2249-7242).

DEPARTMENT OF SANSKRIT

The Department of Sanskrit organized a seminar on “Importance of Indian Philosophy” in which Prof. B.R. Sharma, Delhi University and Professor Shashi Prabha Kumar, JNU were the main speakers, Dr. Dubey participated in various National seminars, special lectures and memorial lectures organized by Delhi Sanskrit Academy, Jawahar Lal Nehru Trust, Department of Sanskrit, University of Delhi and other organizations.

Dr. Dubey published two books and presented a paper in International Conference, 2013 in Vigyan Bhavan, organized by Delhi Sanskrit Academy, New Delhi. He also delivered a lecture on IMBH organized by Gandhi Bhawan, University of Delhi for other college students and teachers of university of Delhi. The department published Annual Magazine "Sanskrit Sahitya Sangam-2014" for academic excellency. Dr. Dubey completed a Refresher Course in Women's Studies organized by CPDHE, University of Delhi.

DEPARTMENT OF ZOOLOGY

Department of Zoology started the session with the orientation programme for the first year students for FYUP in July, followed by a number of activities to supplement the classroom teaching. Zoology department organized an educational trip to the Yamuna biodiversity park to familiarise the students of the first year to the ecological niches, biodiversity, conservation strategies and nature walk.

A lecture by Prof. V.C. Kalia, Chief-Scientist, IGIB, University of Delhi entitled "Microbial horse in the race of bioenergy and biopolymers", was organized on 8th January, 2014. The students prepared the posters on 'Natural disasters' and Pooja got the first prize for the best poster. A signature campaign against the use of plastics was also undertaken by the Zoology students. An interactive talk with Mr. Rahul, a topper of the UGC, NET Exam. 2012-2013 was organized specially for the third year students of Zoology Hons.

Dr. Rajni Arora attended a second training workshop in Drosophila Genetics organized by Department of Zoology, DU. A workshop on immunology, was attended by Dr. Rajni Arora and Dr. Tanushree Saxena, which was organized by Nano-biotech Lab, Department of Zoology, K.M. College, University of Delhi on 1st September, 2012. A workshop for "Evolutionary biology" organized by SGTB Khalsa college was attended by Dr. Tanushree Saxena in February, 2013. A National workshop on Biotechnology: Trends and techniques, organized by Hindu college on May 28th-31st, 2013 was attended by Dr. Rajni Arora, Dr. Tanushree Saxena and Dr. Neera Mehra. Dr. Rajni Arora, Dr. Tanushree Saxena, Dr. Neera Mehra participated in the 3rd national level exhibition and project competition for the school children as jury members for project evaluation at Pragati Maidan from 8th-10th October, 2013 organised by Ministry of Science and Technology. Dr. Tanushree Saxena with the teachers of chemistry got the interdisciplinary cluster innovation project on "where chemistry meets culture."

Dr. Surender Kumar attended a four day workshop for preparing guidelines for the training programme of school children at NCERT on Nov, 2013. Dr. S.K. Sagar also contributed a chapter in a book "Environment Management and Indian Experience". Mr. Manas Dhall submitted his thesis for the Ph.D., DU and participated in the National conference on "Wetland and Agriculture" organized by KET, VG College and Association of teachers in Biological Sciences on February, 2014. The department magazine 'Bioscope' was published which was edited by Dr. Surender Sharma.

Dr. Manas Kumar Dhal:

1. Attended and presented a paper on "Sustainable Pest Management in Wetland Agricultural Practices: A Review on Biodiversity In Wetland Agricultural Crop Fields and their

Conservation" ISBN 978-81-926582-0-9 at the National Conference from 1st-2nd February, 2014 on 'Wetlands and Agriculture' and the Annual Convention of ATBS, organized by V.G. Vaze College in collaboration with Paryavaran Dakshata Manch (Enviro-Vigil) and Association of Teachers in Biological Sciences (ATBS) at V.G. Vaze College, Mulund (Mumbai).

2. Awarded with the Ph.D. degree for the year 2013 on thesis entitled "Assessment of compatibility of egg parasitoid, *Trichogramma chilonis* Ishii with irradiation induced F₁ sterility technique towards management of noctuid pest, *Spodoptera litura* (Fabricius)" from Delhi University.

LIBRARY

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 (Around One Lakh) on interdisciplinary and other subjects like Chemistry, Biochemistry, Physics, Economics, Mathematics, Political science, History, Botany, Microbiology, Business Studies, etc., offers library services through its various Divisions.

- General Collection
- Reference Books
- Progress Reports (PR)
- Technical Reports (TR)
- Theses (TH) and Text Books (TB)
- Book Bank (BB)
- S.A.F. Books

Sections

- Acquisition section
- Technical processing section
- Periodicals section
- Circulation section
- IT and Computer section
- Administrative section

Services

The SSNC Library provides the following services/facilities:

- Reading
- Circulation service including Interlibrary Loan
- Reference & Referral
- User guidance
- Bibliographies/Indexes

- Online Public Access Catalogue (OPAC) (processing)
- E-Resources (in computer lab)

Latest Activities

- A separate reading room has been created to provide the much-needed space for teachers to work.
- A separate well-maintained cabin has been provided for visually handicapped students of the college.
- To search different type of E-mails, Internet browsing facility is available in the library.

Computerization of Library Material

- The library has Five (5) computers for computerization of library stock and other library function one server. The library is making steady progress towards computerization in house with the installation of Total Library Solution System Software.

Open Access

- Library is also making steady progress towards Open Access in the library. It will facilitate the users and also inculcate the reading and searching facilities among the users.
- Library is grateful to library staff for their support because without their backing it was difficult to work. Library feels that still long way to go and library is committed to achieve its goal.

Miss Neetika Sharma, Librarian of the college remained active in the numerous academic activities during 2013-14.

Publications

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

Summit/Conference/Seminar

1. Presented a paper at the Library and Information Professionals Summit (LIPS), titled "User Friendly Library Environment in Universities in India-Enabling Strategies", p.p. 372-377; ISBN-978-93-80574-34-9.
2. Presented a paper in International Conference on Digital Libraries (ICDL-2013), on Vision 2020: Looking Back 10 years and Forging new Frontiers", titled "Digital Rights Management: An obstacle for Information Access p.p. 627-631, Volume. 2 held from 27th-29th November, 2013.
3. Participated in National Conference on "Opening up by Closing the Circle: Strengthening Open Access in India organized by UNESCO at Commonwealth Educational Media Centre for Asia (CEMCA) at JNU, New Delhi.

Workshop

1. Participated in a workshop on Information Technology organized by Centre for Professional

Development in Higher Education (CPDHE) of Delhi from 12th-14th June, 2013.

2. Participated in a workshop on Information Literacy and Competency organized by Delhi University Library System (DULS), New Delhi on 20th February, 2014.

CULTURAL SOCIETY

The Shraddha Cultural Society has been successfully working for last few years. This year also it has achieved a respectful position in different cultural activities under the convenership of Dr. S.B. Tyagi assisted by Dr. Shiva Upadhyay, Sh. Manish Kumar, Mrs. Sushila Thakaran, Dr. Anita Devi & Dr. Pratibha Rana.

Shraddha Cultural Society has several areas of activities like:

- Theatre Group
- Folk Dance group
- Western dance group
- Classical dance group
- Debate and Quiz group
- Art group
- Poetry group
- Instrumental group
- Documentary making film group
- Rock band

The students participated in various colleges fests under the supervision of Dr. Pratibha Rana & Dr. Anita Devi. Following students won the prizes.

- A 14-members Dance group "DREAM CREATORS" (Vikas, Yogesh Madaan, Sumit, Sonu, Chandan, Bablu, Neha, Sapna, Seeta, Santu, Kajal, Kirti, Shashi & Aditya) got 1st Position in Guru Govind Singh College of Commerce, University of Delhi and 2nd Position in Satyawati College, University of Delhi.
- Jyoti, B.Com. (P) won 1st position in individual Folk Dance in Aditi Mahavidyalaya.
- Sindhu Jha, History (H) won 3rd prize, debate in Vivekanada College and Rajdhani College.
- Tamanna Khan, Botany (H), got consolation prize, in debate at Rajdhani College.
- Nomesh Verma, B.Com. (P), won 1st & 2nd prize in poetry competition at Mata Sundari College, Kalindi College & Rajdhani College.
- Haryanvi Folk Dance group won 2nd position at Aditi Mahavidyalaya.
- Haryanvi Folk Dance group won 3rd position at Satyawati College.

ANTARDHWANI 2014

Vishvajeet and Avinash of B.A. (Hons.) Geography won second prize in "Quiz Time" organized by University of Delhi.

SHRADDHANAND MEMORIAL LECTURE-2014

Dr. A.N. Jha (Convener) Swami Shraddhanand Memorial Lecture Committee along with Dr. A.K. Dubey and Dr. (Ms.) Preeti Sachar, Members of the Committee organized a lecture on 31st March, 2014 in the college. Prof. (Mrs.) A.M. Chenoy, from CRCAS, School of International Studies, Jawahar Lal Nehru University, New Delhi delivered lecture on "The Role of Women in the Current Political Scenario". Dr. (Mrs.) Saroj Bala, Secretary, Staff Council, Sh. Manish Kumar, President, Teacher's Association, Sh. Ishwar Singh, President, Non-Teaching Staff Association contributed qualitatively in organizing this lecture. The theme was introduced by Dr. (Ms.) Preeti Sachar. The vote of thanks was given by Dr. A.K. Dubey.

SPORTS ACTIVITIES

Cricket

Swami Shraddhanand College created history by winning Inter-college Cricket Tournament 2013-14 for the first time.

- (a) Ankush Bains, B.A. (Political Science) Ist Year represented India in the following:
 - (i) Under-19 Quatra Series with South Africa, Zimbabwe, West Indies and Australia held at South Africa. He was the Second Highest scorer, with one century.
 - (ii) Under-19 Asia Cup held at Dubai and he was the highest scorer. (In 4 matches 219 Runs).
 - (iii) Under-19 World Cup held in Dubai.
 - (iv) Will be playing IPL, 2014 from Rajasthan Royals side.
- (b) In All India Inter University Team six of our players represented Delhi University:
 - Hitesh Gemini, B.A. (P) IInd year (Captain of College Cricket Team).
 - Ankush Bains, B.A. Political Science Ist Year.
 - Pradeep Malik, B.A. (P) IInd Year (Captain Delhi University Cricket Team).
 - Vikas Haythwala, B.A. Political Science Ist Year.
 - Deepak Poonia, B.A. Political Science Ist Year.
 - Parvesh Dahiya, B.A. (P) IInd Year.
- (c) Amit Vashisth, B.A. (P) IInd Year represented Haryana in Ranji Trophy.
- (d) The college cricket team won Sahibzada Zorawar Singh T-20 Cricket Tournament-2014 and a Cash prize of Rs. One Lakh.

Wrestling

The college wrestling team won the championship 2013-14 in Inter College wrestling competition:

- (a) Pappu, B.A. Hindi (H) Ist year won the Gold medal in 50 kg. weight category.
- (b) Ravi, B.A. Hindi (H) Ist year won the Gold in 60 kg. weight category.
- (c) Arun Khatri, B.A. Hindi (H) Ist year won the Gold medal in 66 kg. weight Category.
- (d) Pradeep Tomer, B.A. Hindi (H) Ist year won the Gold medal in 74 kg. weight Category.

- (e) Sury Parkash, B.A. Hindi (H) Ist year won the Bronze medal in 84 kg. weight category.
- (f) Pappu, Ravi, Arun Khatri and Pradeep Tomer also represented Delhi University Team for the All India Inter University Wrestling Championship held at CCS University, Meerut (U.P.).

Cross Country Race

In Cross Country Inter College Championship, Robin Singh won Gold Medal in Cross Country Race and also Represented Delhi University in All India Inter University Cross Country Race.

Athletics

In Inter College Athletic Championship, Robin Singh won Gold Medal in 5000 meter Race and another Gold Medal in 10000 meter Race.

Kabaddi

- In Inter College Kabaddi Tournament our team won Silver Medal.
- Mandeep, Hindi (H) Ist Year, Rahul Dahiya, Hindi (H) Ist Year, Sumit, Hindi (H) Ist year, & Sandeep, Hindi (H) Ist year, were selected for Delhi University Kabaddi Team that participated in North Zone Inter University tournament held at CCS University, Meerut (U.P.).

Kho-kho

In Kho-Kho Ravinder Pal Singh, B.A. (P) IIIrd Year represented Delhi University in North-East Zone Inter University championship held at M.D. University, Rohtak and our team won IInd position in Inter University Tournament.

Intra-class Chess Competition-2014 was jointly organized by Department of Physical Education and Physics Society in the academic year-2013-14. Pranit, B.Sc. (H) IInd Physics Year won Ist prize; Javed, B.Com. IIIrd Year won the IInd prize; Adesh Vats B.Sc. (H) Physics IInd Year won the IIIrd prize; Sunil B.Sc. (H) Physics IInd Year won the IVth prize.

PLACEMENT CELL

The Placement Cell of our college has been very active throughout the academic session 2013-14. From the very beginning the committee gave a clear message to the students that the job of the placement cell is not to provide jobs but how to make them employable. The committee emphasised that the skill development, whether it is personality development or communication skill or technical skills, is of prime importance to grab jobs. The committee endeavored to organise various seminars and workshops in this regard. Members of the committee are Dr. Prabhakar Palaka (Convener), Dr. Ruby Gupta, Dr. Suman Yadav, Mr. Manish Kumar.

- On 3rd October 2013 a day-long workshop was organised for the students of Science and Geography on Career Opportunities in the field of Photogrammetric and Geoinformatics. Resource persons from Institute of Photogrammetric & Geoinformatics (IPGI) and Matrix Geo Solutions Pvt. Ltd. gave a power-point presentation explaining the career opportunities and various technical courses (short/long term) related with the job opportunities.
- On the 10th of November, 2013 another workshop was organised by the placement cell of the college on Study Opportunities Abroad. Resource persons from the University of Sussex

gave a power-point presentation on the universities and courses offered by them. They also explained in details how to get scholarships and other part-time job opportunities for the students.

- A three-day workshop (21st to 23rd January, 2014) was organised by the committee on Skill Development. Resource persons from Team Lease, one of the largest staffing company in collaboration with IIJT briefed the students through power-point presentations on the Govt. scheme called STAR launched by Ministry of Finance, Government of India, an initiative to make India a Skilled India. Through this scheme, the government. intends to spend around Rs.10000 on each candidate who registers himself/herself to be trained. Over the three days of workshop, around 1000 students participated. Lively discussions took place after every presentation. About 200 students have grabbed these opportunities and registered themselves to undergo training for near about a month. To make it much more easier, classes for the same have been arranged to take place in the college premises.
- The committee intends to hold a three-week crash course for personality development and development of communication skills. The committee has already collected applications from the interested students. We are going to start the classes shortly. A programme like this for the students of a college like ours which is situated in rural place will definitely build up their confidence level.

As members of the committee it gives us lots of satisfaction and joy to see our students growing as skilled youth.

WOMEN DEVELOPMENT CELL

Dr. Aditi (Convener) on behalf of Women Development Cell organized a lecture on 'Women and Law in India' on 30th January, 2014 by Advocate Vinita Raghav (Tis Hazari Court and High Court, Delhi). The aim was to help the students, specially girl students know, discuss and analyze their legal rights.

Dr. Aditi (Convener); Dr. Tanushree Saxena (Member); Dr. Rajni Arora (Member).

ENABLING UNIT

Being a signatory to the United Nation Convention on the Rights of Persons with Disabilities, India acknowledges that all educational institutions of the country will be inclusive and would provide reasonable accommodation to persons with disabilities for providing quality education. Swami Shraddhanand College has displayed sensitivity towards this development and has taken sincere steps to create a disabled friendly environment in the college. Hence, a computer lab was set up for print disabled students and teachers inside the library premises equipped with modern and up to date software. In order to make the college accessible for the persons with disability various initiatives were taken such as building of ramps on all parts of the new campus and construction of disabled friendly toilets on all the three floors of the building.

Apart from these initiatives, the students with visual disability have been provided laptops equipped with essential software, which would help them to read and store E-books and prepare notes. The college library in association with the Enabling Unit has also provided them the digital audio

recorders (Angels) in order to facilitate them for recording of lectures in the class room. Finally, the Enabling Unit is in the process of getting mathematic kits to the visually challenged students from the office of Equal Opportunity Cell, University of Delhi.

NSS

The NSS unit of Swami Shraddhanand 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 body of dedicated staff who genuinely wish to serve the society. The team consists Dr. Aditi (Programme Officer), Dr. Anita Devi, Dr. Pratibha Rana, Dr. Sadhana Kushwaha, Ms. Neetika Sharma. The NSS Unit organised many activities during 2013-14. The session started with an orientation programme for the new batch of volunteers. A *poster-making* competition on gender discrimination was organised to create awareness against gender bias among students. The topics given to them were- gender bias, female foeticide and female safety. The election of *NSS office-bearers* was held for the posts of President, Secretary and Convener on the basis of a two-minute speech on the working and importance of the concerned post, on 24th August, 2013, in which Saurabh Kumar, Tamanna Khan and Parkash Mishra were elected on the respective posts, with Shahbaz Khan as Deputy Secretary and Kalyan as co-Convener. In September, 2013, the NSS team visited a *Children's Home Complex*, where they met children and adults who, though taken well care of by the staff, require additional skills to stand-up on their own or also for hobby or personality development purpose. the volunteers have made a note of their requirements and are soon to begin a fifteen-day course on English-speaking, and Art and Craft. They also felt the need to organize a lecture on health and hygiene, which is in the row. Student volunteers helped in organizing the *Diwali mela* a week before Diwali, in a bid to help the self-help groups (of women and handicapped girls) sell their hand-made products, in October, 2013. *United Nations Day* was celebrated on the day of its foundation i.e. 24th October, 2013 with a lecture and poster-making competition on MDGs (Millennium Development Goals) of United nation. On 25th November, 2013 under the aegis of Ministry of Home Affairs, the *Communal Harmony Day* was observed on 25th November, 2013 by NSS unit and volunteers. Posters received from NFCH, New Delhi, were pasted on walls of the college. A *painting competition* was organized on the theme of communal harmony to spread awareness among students on the issues of caste, communal and ethnic violence. During the communal harmony week i.e. from 19th-25th November, 2013 an *essay-writing competition* was organized on the issues of caste, religious and ethnic violence. Stickers were given to the NSS volunteers to distribute them and collect funds. On 25th November, 2013 *Flag Day* was organized with posters and slogans. Committing themselves to environment in campus, NSS volunteers enthusiastically cleaned the college campus on 20th January, 2014, to make people aware of cleanliness and dignity of manual labour. On 6th March, 2013 a "*Vitaran*" programme was organised to distribute donated books and clothes to the needy people in the slums of Badli area. The NSS volunteers have of late started a book-bank for the needy and underprivileged children.

Dr. Aditi, (Programme Officer); Dr. Anita Devi (Member); Dr. Pratibha Rana (Member);

Dr. Sadhana Kushwaha (Member); Ms. Neetika Sharma (Member)

The NSS unit of Swami Shraddhanand College is a sincere and committed body of students who

wish to serve the society in every possible manner. The NSS unit organised many activities in 2013-14. The session started with an orientation programme for the new batch volunteers. A poster-making competition on the gender discrimination was organised to create awareness against gender bias among students.

NCC

The NCC units of the college actively participated in Antardhvani-2014. The NCC cadets of the college have also participated in many activities like attending CATC, NIC, ALC camps held at various places. NCC camp cadets underwent training of Drill, Signal, Weapons and Medical training. NCC cadets of the college appeared in 'B' and 'C' certificate examinations and successfully cleared the same.

In the session 2013-2014, 128 girl cadets of the college, participated in NCC programs under the guidance of Lt. Sushila Thakran. NCC camp cadets underwent training of drill, signal, weapons and medical in the college. Cadets also attended various local and trekking camps and activities held during the academic year 2013-2014.

- 50 cadets participated in CATC PRV Hari Nagar.
- 40 cadets participated in ANTRADHVANI Function of DU
- Jaya Mann and Jyoti Mann were appointed as senior under officers.
- Aarti, Susmita and Gunjan Gandhi were appointed as Junior under officers.

N.C.C., Army Wing, Senior Division (Boys)

Enrolment

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 and Thirty eight (38) cadets were enrolled in IInd year.

Activities and Participation

Shrawan Kumar B.A. (H) Geography, III nd year, 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 2013-14, two Combined Annual Training Camps (CATCs), Delhi 16 and 35 cadets from Swami Shraddha Nand College participated. An Army Attachment Camp was held at Meerut Cantt., Meerut. Cadet from our college enthusiastically participated in the camp with twenty one (21) cadets. JUO Sonu was the Senior of college contingent

- 4 Cadets participated in the prestigious Thal Sanik Camp (TSC) and successfully completed it.
- 4 cadets participated in PM Rally Camp.
- 2 cadets participated in Republic Day Camp.
- 2 cadets, Satya Prakash and Arun Kumar participated in Special NIC Camp, Gujarat..
- 1 cadet, Rajesh Kumar, participated in NIC Camp, Lakshadweep.
- 20 Cadets participated in Antardhwani-2014.

- 20 cadets were selected as Volunteers for Antardhwani-2014.
- 3 cadets joined Gyanodya Express-2014.

Academic

N.C.C. cadets of our college also appeared in 'C' Certificate (35) examinations. 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), and ADM Officer, 6, Delhi, N.C.C. Battalion, for his highly active and commendable guidance and motivation. Without his high involvement and encouragement all these achievement would have been impossible.

NCC Officers:

Capt. Dr. Y.K. Sharma (Army); **Lt. Cdr. Dr. I.M. Dutta** (Naval Wing); **Lt. Sushila Thakran** (NCC Girls)

INNOVATION PROJECTS SANCTIONED:

The following innovation projects were sanctioned to the faculty members by the University of Delhi:

SSNC 201: Isolation, Identification and Process Development of fungal lipase for their potential applications in Industry.

- Dr. Bhoopender Giri, Ass. Prof. Department of Botany
- Dr. Geeta Saxena, Ass. Prof. Department of Botany
- Dr. Anjana Kapoor, Ass. Prof. Department of Microbiology

SSNC 202: A cross sectional study on Professional Stress, Depression, Alcohol use and quality of life among IT/ITEs professionals in selected companies in NCR.

- Dr. Jagbir Singh Kadyan, Ass. Prof. Department of Commerce
- Dr. Rakesh Narain Srivastava, Ass. Prof. Department of Commerce
- Dr. Jeetendra Kumar Pandey, Ass. Prof. Department of Economics

SSNC 203: Nobel anticorrosive, antipollution coating for the prevention of pollution

- Dr. Suman Yadav, Assistant Professor, Department of Chemistry
- Dr. Shalabh Chhikara, Assistant Professor, Department of History

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 in India.

- Dr. S. B. Tyagi, Ass. Prof. Department of Chemistry
- Dr. Tanushri Saxena, Ass. Prof. Department of Zoology
- Dr. Beena Negi, Ass. Prof. Department of Chemistry
- Dr. Mamta Kharkwal Ass. Prof. Department of Chemistry

SSNC 205: Assessment of Microbial and Chemical quality of drinking water samples from various

localities of Delhi NCR and checking the efficacy of various technologies available to make it potable.

- Dr. A. Archana, Ass. Prof. Department of Microbiology
- Dr. Parvinder Kaur, Ass. Prof. Department of Microbiology
- Dr. Saraswati Kanodia, Ass. Prof. Department of Chemistry
- Dr. Seema Gupta, Ass. Prof. Department of Chemistry

SSNC 206: Solid Waste Management through enhancing people awareness through environmental sustainability in Delhi

- Dr. Daljit Singh, Associate Professor, Department of Geography
- Dr. Subahsh Anand, Associate Professor, Department of Geography
- Dr. Mukesh Kumar, Assistant Professor, Department of Physics

SSNC 207: Morphology Controlled Synthesis Of Multiferroic Nanomaterials By Wet Chemical Method And Evaluation Of Their Magnetoelectric, Optical And Photo-Chemical Properties

- Dr. G. Gaur, Associate Professor, Department of Chemistry
- Dr. Yogesh Kumar Sharma, Department of Chemistry
- Dr. Namrata Aggarwal, Associate Professor, Department of Chemistry

GYANODAYA: Education on Wheels-20132-14

This was the educational train trip to Punjab in which students and teachers of the college participated. It was flagged off on 2nd September, 2013 at 8 A.M. by Hon. Minister of State for Railways Shri. A.R. Chowdhary and the Hon'ble Vice-chancellor Prof. Dinesh Singh. The train covered places of historical and national significance. Several projects were also undertaken during the journey availing the facility of Train Library. The train was internet equipped. Students were told about the proper code of conduct during the journey and identical travel kit and uniforms were distributed. The valuable experience of train journey will always be cherished.

For the **Gyanodaya-4**, a special venture of the Delhi University, in collaboration with IRCTC, the theme was '**Urbanization: Now and Then**'. Aiming towards educating students through practical experience and direct exposure, it is a step towards the concept of college-on-wheels. It gave a delightful experience which the students could not otherwise have had. Our college was represented by Dr. Aditi and 15 students- Reena, Lalita, Pooja, Aakansha, Dushyant, Rahul, Yudhishter, L.A. Kamran and Vivek of B.Sc. Chemistry (H); Rajan, Vaibhav, Vikram, Piyush Kasariya, Himanshu and Akshay of Economics (H). Leaving from Safdarjung railway station, Delhi, on the night of 11th March, 2013, they reached Kanpur on 12th. Visiting the bank of River Ganga, they moved on to the beautiful campus of IIT-Kanpur. The Dean of IIT-Kanpur addressed the students of Delhi University and then they gave a PPT presentation on the history of the institution and its courses etc. On 13th, they reached Varanasi where on the first day visited the Banaras Hindu University. There they saw the Bharat Kala Bhawan which is renowned for its collection of ancient, medieval and modern art works, artefacts and sculptures. In the evening, visited the Diesel Locomotive Works where a presentation was given on its history. The students could also have a look at the industry where

the rail engines were being made. On 14th, visited the Sarnath, which is an ancient Buddhist site famous because here Buddha gave his first sermon. Reaching Bhopal (M.P.) on 15th, they visited Sanchi Stupa, also a Buddhist site. On 16th morning, they visited a stone age site called Bhimbetka, famous for its rock art & in the evening visited the Lower Lake View. Reaching Ahmedabad on 17th visited Lothal, a Mohenjo-Daro Heritage Site and its Museum & in the evening visited Sabarmati Ashram, where our father of the nation, Gandhiji once lived. Within its premises is a gallery of his paintings and other memorabilia, a museum and his residence. Since our festival Holi fell on same day, we celebrated Holi with just a *tika* and a DJ party and dinner in a hotel. On 18th, after reaching Surat, they have visited the Police Headquarters where they showcased weapons and bomb-detecting instruments to them. They were then also taken to the Surat Diamond Institute, where they gave a presentation on the quality, types, trade and manufacture of diamonds and then visited the state-of-art Sanjeev Kumar Auditorium inside the Surat Municipal Corporation, where they gave a presentation on its working, projects in pipeline and achievements. Their journey's last ended with a visit to the famous Bombay Market which is a wholesale market of Surat's famous cotton sarees. Boarding the train on 18th night, they reached Delhi on the night of 19th March, 2014. It was an amazing and informative journey for the students.

GANDHI STUDY CIRCLE

Dr. A.K. Dubey, Convener, Gandhi Study Circle organized a seminar and essay writing competition on "Mahatma Gandhi and Non-Violence" on 28th February, 2013. The essay writing competition topic was "Communal harmony and peace: A reference to Gandhian thought". In this seminar Professor (Ms.) Ashum Gupta, Director, Gandhi Bhawan, University of Delhi was the chief guest and Dr. Y.P. Anand, Former Chairman, Railway Board and Director, Gandhi Museum was the main speaker. Dr. Anand's presentation was thought provoking. The seminar was well attended by the Governing Body member Father Thomas Sabastian, Principal Dr. S.K. Kundra, Vice-Principal Dr. R.K. Joshi faculty members and students. 44 students participated in the essay writing competition in which Shruti B.A. English (H) IIIrd year won the 1st prize and Sindhu Jha B.A. History (H) IIIrd year got 2nd prize.

STUDENTS UNION

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

- **President : Sandeep Dabas**
- **Vice-President : Narander Saini**
- **General Secretary : Naveen**
- **Joint Secretary : Akash**

PROCTORIAL BOARD

The Proctorial Board under the convenorship of Mr. Provakar Palaka did a remarkable job of enforcing discipline among students. He deserves a lot of appreciation for her dedication and integrity.

ACADEMIC ADVISORY COMMITTEE

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.

ACHIEVEMENTS OF ADMINISTRATIVE STAFF

During the last year, we have been able to achieve all-round improvement in the functioning of the administration and accounts section of the college. For affecting these reforms, credit for this goes to Mr. Dharam Veer Bhardwaj, Administrative Officer (Oftg.), Mrs. Kanchan Saluja, Section Officer (Accounts), Mr. S.K.Dahiya, S.O. (Admn.), Mr. Rahul Pathak, Mr. Bal Kumar and Mr. Pravesh Bhardwaj among others. With their support, we have been able to introduce overall computerization of the college functioning both in the administration and the accounts departments. Mr. Pravesh Bhardwaj has completed MBA-HR/Marketing in 2013.

INFRASTRUCTURAL ACHIEVEMENTS

I have the pleasure to say that the dignitaries on the dais have made a positive and meaningful contribution to the growth of the college. I am confident that we will continue to have privilege of their extended whole-hearted support to the college in the future too. We were able to provide a huge planned parking lot for staff and students. The College has been able to improve upon sanitation by renovating and providing better facilities in wash-rooms, improving office environment through computerization, establishing seminar rooms, equipping class rooms with adequate furniture, establishing computer laboratories and Wi-Fi system, improving horticulture work, building cemented roads in the old campus, creating play grounds and a stage for cultural activities, such as music, dance and drama, etc. 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 air, which is always conducive to learning environment. I assure you, Sir, that we will continue our efforts in this direction.

NEW INITIATIVES

The college has a number of developmental activities lined up for implementation. First and foremost, we have taken initiatives for the construction of the new academic block with 48 classrooms and 16 Science Labs in the new campus. The architect for the same was appointed some time ago. All efforts are being made to get statutory clearances from various authorities like MCD, Urban Art Commission, Fire department etc.

2. To make it more user-friendly, steps are being taken to cover the open-air stage within two months.

3. Further Repairs/Renovations of the existing campus will start soon as the tender process for the same has almost been completed. Roads in the campus will be re-laid.

SCHOLARSHIPS AND AWARDS

The college has a number of awards and scholarships to offer to its students who perform brilliantly in their chosen field of study.

Shraddhanand 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 award goes to Ms. Vibuti Kumar Shah, B.Sc. (H) Microbiology-IIIrd year, who secured 2740/3500.

Two scholarships of Rs. 1000/- each are awarded to the ward of an employee of the college and a blind student who score highest marks in any course. These two awards have been instituted by Shri Surender Shokeen (Department of Chemistry) 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 Ms. Shalu Chauhan who holds 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 goes to Ms. Mona.

Smt. Harbans Kaur Memorial Award of Rs 4654/- is awarded to the student who holds first position in B.Com (Hons)- I year, and it goes to Mr. Rahul.

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 goes to Diksha, English (H) Ist year & Ruchi Rana, English (H) 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 goes to Reetu and Jasmeet Kaur.

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 goes to Mona, B.Com (P).

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

I am thankful to Dr. Pankaj Bhan, Mr. Dharam Veer Bhardwaj, Administrative Officer and Mr. Pravesh Bhardwaj, for helping in compiling and writing this report.

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

SWAMI SHRADDHANAND COLLEGE

COLLEGE PROFILE

Established in 1967, Swami Shraddhanand College is a constituent college of University of Delhi, and is run under the trusteeship of Delhi Government of NCT Delhi.

LOCATION: Alipur, Delhi- 110036, situated on G.T. Road, 7 km. from Mukarba Chowk.

HOW TO REACH (Transport): The following D.T.C. Buses are available for Alipur from various places: 103, 109, 112, 120, 124, 125, 129, 131, 135, 136, 138, 141, 144, 147, 149, 154, 161, 171, 172, 175, 189, 193, 194, 882 and Gramin Sewa from Azadpur or G.T. Karnal By pass.

COURSES UNDER FYUP

A. Science Courses

1. B.Sc. (Hons.) Physics
2. B.Sc. (Hons.) Chemistry
3. B.Sc. (Hons.) Botany
4. B.Sc. (Hons.) Zoology
5. B.Sc. (Hons.) Microbiology
6. B.Sc. (Hons.) Mathematics
7. B.Tech Computer Science

B. Humanities Courses

1. B.A.(Hons.) English
2. B.A.(Hons.) Hindi
3. B.A. (Hons.) Geography
4. B.A.(Hons.) History
5. B.A. (Hons.) Political Science
6. B.A.(Hons.) Economics

C. Commerce

1. B.Com. (Hons.)

FORMS: Application for all courses through I.C.R. forms as per latest University of Delhi rules. Separate forms for Sports and Extra Curricular Activity.

ADD ON COURSE: Diploma in Russian Language (Three months)

QUOTA: SC/ST 22.5%; OBC 27%; Sports/ECA/others as per Delhi University rules.

FACULTY STRENGTH: 183

SPORTS AND EXTRA CURRICULAR ACTIVITY QUOTA: Cricket, football, volleyball, hockey, boxing,

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weightlifting, wrestling, kabbadi, kho-kho, Archery, music, dancing, painting, singing, debate, drama, NCC and NSS etc.

CAMPUS LIFE: College hosts an annual fest "Shraddha". College has societies/association in each academic discipline. Other societies are debating society, Gandhi study circle, Environment club. Women Development Centre, Art foundation, Writer's forum. College publishes magazine "Shraddha", several departments publish departmental magazines are also published every year.

PLACEMENT CELL: College has an active placement cell.

Website: www.ssncollege.com; <http://www.ssncollege.com>

E-mail: principalssncollege@gmail.com; info@ssncollege.com

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

S. No.	Roll No.	Name of Student	Course	Obtained/Marks	Position
1.	117	Priyanka Rani	Botany	271/300	I
2.	32	Rahul	Chemistry	235/300	I
3.	36	Priyanshu Gupta	Mahtematics	277/300	I
4.	1	Nikky Dahiya	Microbiology	268/300	I
5.	48	Tejal Shreya	Zoology	250/300	I
6.	8	Divakar Parashar	Physics	269/300	I
7.	20	Mukul	B.tech	273/300	I
8.	1	Guddu	History	150/200	I
9.	81	Neha	Economics	139/200	I
10.	146	Diksha	English	137/200	I
11.	42	Harsh Rahul	Geography	157/200	I
12.	16/29	Neelu/Puja Rana	Political Science	627/800	I
13.	9608	Rahul	B.Com.	627/1000	I
14.	6601	Pooja	Hindi	389/500	I

MERIT LIST-2013-14 (Final Year)

S. No.	Roll No.	Name of Student	Course	Obtained/Marks	Position
1.	2202	Neha Singh	Botany	2868/3500	I
2.	2212	Abhishek	Botany	2657/3500	II
3.	2320	Apoorva Bansal	Zoology	2521/3500	I
4.	2325	Chanchal Chauhan	Zoology	2521/3500	I
5.	2309	Namita	Zoology	2419/3500	II
6.	2033	Vibuti Kumar Shah	Microbiology	2740/3500	I
7.	2004	Esha Saini	Microbiology	2596/3500	II
8.	2115	Ganesh Gurjar	Physics	2862/3600	I
9.	2151	Bhumika	Physics	2763/3600	II
10.	2525	Nikita Khatri	Physical Science	2377/3250	I
11.	2549	Bhawna Gupta	Physical Science	2343/3250	II
12.	2755	Geetika Mann	Life Science	22604/3500	I
13.	2802	Kusum Lata	Life Science	2502/3250	II
14.	2406	Preeti Negi	Applied Life Science	1702/2450	I
15.	2411	Amrita	Applied Life Science	1558/2450	II
16.	3109	Mona	B.Com. (P)	982/1350	I
17.	3365	Naina	B.Com. (P)	953/1350	II
18.	5036408	Jyoti Pawar	Hindi (Hons.)	726/1200	I
19.	5036420	Priyanka Khatri	Hindi (Hons.)	673/1200	II
20.	4050	Reetu	B.A. (P)	882/1200	I
21.	4201	Jasmeet Kaur	B.A. (P)	853/1200	II
22.	625	Ruchi Rana	English (Hons.)	652/1100	I
23.	622	Rohan Chauhan	English (Hons.)	636/1100	II
24.	5031516	Monu Dhैया	Geography (Hons.)	1126/1600	I
25.	5031518	Pankaj	Geography (Hons.)	1082/1600	II
26.	3936	Shalu Chauhan	B.Com (Hons.)	1170/1700	I
27.	3809	Rutika Saini	B.Com (Hons.)	1161/1700	II
28.	5740	Sonu	History (Hons.)	675/1100	I
29.	5414	Ajay Kumar	History (Hons.)	615/1100	II
30.	33848	Sanjay Yadav	M.A. (Hindi)	990/1600	I
31.	63849	Santosh Meena	M.A. (Hindi)	978/1600	II





Annual Report Committee

Dr. Pankaj Bhan (Convener)

Dr. S.B. Tyagi, Dr. Vineeta Kumari, Dr. Provakar Palaka, Mr. Dharamveer Bharadwaj

SWAMI SHRADDHANAND COLLEGE

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