

**MIRANDA HOUSE, UNIVERSITY OF DELHI
DELHI 110 007**

ANNUAL REPORT 2017-2018

Major activities and achievements during the period:

Miranda House was awarded All India Rank One amongst colleges under the National Institutional Ranking Framework (NIRF) 2018 for the second consecutive year. It was also ranked as the top most college in the Science Stream in the India Today Best College Survey 2018. This strengthened its reputation as a college accredited with A+ by NAAC and granted the Star College status by the Department of Biotechnology. Established on 7 March 1948, the college celebrated seven decades of sustained excellence with seven mega events organized during the year. These were an International Science Symposium *Unlocking the Secrets of the Universe* in collaboration with CERN; first ever Science Conclave for DST UG INSPIRE Scholars; DST INSPIRE mentorship camp for school students; an International Conference emanating from the immensely successful Add-on Course *The Rhetoric of Development*; a conference on *Social & Technological: Access & Accessibility*; Faculty Development Programme on *Genome Editing Tools*. India International Centre invited the college to present the play *A Light in the Library*. A premiere of the movie *Pad Man* at Delite Cinema promoted the cause of women's hygiene. College won the Vice Chancellor's Cup at the 90th Annual Flower Show and swept twelve other awards. Construction projects worth Rs. 13 crore are nearing completion. These will add a new Academic Block with 3500 sq.m. of teaching learning space; and a block of residential quarters for nonteaching staff. Current Research grants approximate Rs. 17.4 crore.

Honours/ Distinctions:

The college received the *Dr. Arun Arora 50 Best Educational Institutes of India Award* at the World Education Congress, 23 November 2017, Mumbai; and the *National Skill Resources Development Award* at the National Skill Development Summit 2017, IIC New Delhi, on 3 October 2017.

Principal Dr. Pratibha Jolly received the First Buti Foundation Lecture Award 2017 instituted by the National Academy of Sciences India (NASI), Allahabad. She was awarded the World Economic Forum –Women of the Decade in Academia Award on 13 May 2017; Women Economic Forum 2017. She was nominated to the Executive Committee of the National Assessment and Accreditation Council (NAAC) w.e.f. 24 May 2017; Member, National Task Force and Expert Committee on Star College Scheme, Department of Biotechnology (DBT), July 2017; the National Academic Committee for supervision of National Children's Science Congress, Department of Science and Technology, April 2017; Member, Scientific Review Committee for Initiative for Research and Innovation in Science (IRIS) Programme, INTEL DST Initiative, April 2017 for three years.

Dr. Bijayalaxmi Nanda received the University of Delhi Excellence Award for Teachers in Colleges in the Social Science Stream on 1 May 2017, the University Foundation Day.

Dr. Madhu received the International III Prize for paper presentation at 7th World Youth Buddhist Symposium, at Chiang Mai, Thailand in August 2017.

Dr. Kalawati Saini received the International Association of Advance Materials Scientist Medal, 2017.

Students with Distinctions (Selected few)

Academics

Vibhuti Gupta, B.A. Programme III Year, secured I position in the University.
Ningombam Athoibi Devi, B.A. (H) History III Year, secured I Position in the University.
Pratiksha Singh, B.A. (H) Geography III Year, secured I Position in the University.
Sumra Alam, B.A. (H) Sociology III Year, secured I Position in the University.
Sehal Jain of B.A. (H) Political Science III Year, secured I Position in the University.
Apoorva Tiwari, B.Sc. Physical Science III Year, secured I Position in the University.
Shipra Ruhel, B.Sc. (H) Botany III Year, secured I Position in the University.
Sarah Mehdi, M.A. Philosophy Final Year, secured I Position in the University.
Devika Agarwal, M.A. Music Final Year, secured I Position in the University.
Aishwarya Padmanahan, M.Sc. Zoology Final Year, secured I Position in the University.

Sports

Taekwondo team continued the winning spree for the 5th consecutive year by becoming the Winners in the Delhi University Inter College Taekwondo Championship with 5 Gold medals, 1 Silver medal and 1 Bronze medal. Netball team were Winners for the 10th consecutive year in the DU Inter College Netball Championship. Tennis team secured second position in the DU Inter College Tennis Championship. The Athletics team won 2 Gold, 3 Silver and 1 Bronze medal in the 93rd DU Inter College Athletics Meet.

NCC

NCC cadets won 9 State level; 7 National level; and 1 International level awards. Cadet Simran Kapoor was delegated to the Perm Cadet School, Russia. She also won the International Rally of Young Patriots Medal. She was awarded the DG Commendation Card. L/CPL Sanjana Singh participated in the final Republic Day Camp and the PM Rally.

Other

Chhonzin Angmo B.A. (P)/III was selected for the Jambudvipa-Survanabhumi Youth Exchange Program at Malaysia, organized by the Mahabodhi International Meditation Centre, 26 February–8 March 2018.

Publications (Selected few)

Publications: 78 in international and 30 in national journals; Scopus: 60
Books 13; chapters in books 7.

Jolly, P., Physware: A Collaborative Initiative for Strengthening Physics Education and Promoting Active Learning in the Developing World. *Scientia in education* 8 (Special Issue), 2017 P. 59-78; ISSN 1804-7106.

“Development of a microfluidic electrochemical biosensor: Prospect for point-of-care cholesterol monitoring”, Gurpreet Kaur, Monika Tomar and Vinay Gupta, *Sensors and Actuator B*, 261 (2018) 460-466.

“Tunable nanostructured columnar growth of SnO₂ for efficient detection of CO gas”, Avneet Singh, Anjali Sharma, Monika Tomar and Vinay Gupta, *Nanotechnology*, 29 (6) (2018) 065502.

“ZnO/ST-Quartz SAW Resonator: An efficient NO₂ gas sensor”, Lokesh Rana, Reema Gupta, Monika Tomar and Vinay Gupta, *Sensors and Actuator B*, 252 (2017) 840-845.

Kandasamy, G. L., Sudame, A., Luthera, T., Saini, K. & Maity, D. 2018. Synthesis of hydrophilic and surface-functionalized superparamagnetic iron oxide nanoparticles for magnetic fluid hyperthermia application in liver cancer treatment. *ACS Journal, Applied Materials & Interfaces*, Manuscript ID: am-2018-01673j.

Gorobets, N.Y., Sedash, Y. V., Singh, B. K., Poonam & Rathi, B. 2017. An overview of currently available antimalarials. *Current Topics in Medicinal Chemistry* 17: 1-14.

Singh, H., Rajeswari, M. & Khurana, J. M. 2018. Synthesis, photophysical studies, and application of novel 2,7-bis(1-butyl-1-Hydrogen-1,2,3-triazole-4-yl)methoxy)naphthalene as a highly selective, reversible fluorescence chemosensor for detection of Fe³⁺ ions. *Journal of Photochemistry and Photobiology A: Chemistry*. 353: 424–432.

Mishra, R., Das, M.K., Singh, S., Sharma, R.S., Sharma, S. & Mishra, V. 2017. Articulin-D induces apoptosis via activation of caspase-8 in acute T-cell leukemia cell line. *Molecular and Cellular Biochemistry* 426(1): 87-99.

Nanda, B. 2018. Sex Selective Abortion and the State: Policies, Laws and Institutions in India, Har Anand Publication, Delhi.

Kaur, B. 2017. Farm Business Income and Net Household Income of Farm Households in Punjab- A Comparative Study of Ludhiana and Bathinda Districts. *Conference Issue of Agricultural Economics Research Review* Vol. 30, 2017, ISSN 0971-3441.

Kannojiya, R. 2017. Portrayal of women's image in Hindi cinema. *Human Rights International Research Journal* 5: 59-62.

Teachers Serving as Editor(s)/Member(s) of Editorial Board

Dr. Pratibha Jolly was invited as Guest Editor for *Resonance*, Journal of Science Education, Special Issue brought out to commemorate the International Women's Day: P. Jolly and T.N.C. Vidya, Guest Editors, *Resonance*, Journal of Science Education, Vol. 23, Issue 3, March 2018, pp 245-413, Indian Academy of Sciences, Bengaluru, ISSN 0971-8044, Springer.

Journals/ Magazines Published by the College

Each department brings out its own creative journal/ magazine that has an Editorial Board with adequate representation of students and faculty. These include well researched contributed as well as invited articles, papers and news items. These are:

Pehchan, Department of Hindi
Aapoorti, Department of Economics
Geographica, Department of Geography
Mulakhab, Department of History
VoxPopuli, Department of Political Science
Light House, Department of Sociology
Rasayani, Department of Chemistry
Adazine, Department of Computer Science

Quisqualis, Department of Botany
Vignite, Society for Life Sciences Programme
Mathletics, Department of Mathematics
Dimensions, Department of Physics
Evolvere – the Unfolding, Department of Zoology
Miranda, the College Magazine
Grimoire, the Hostel Magazine
Santulan, The Consumer Club

Research Projects

Major Projects: 16 ongoing with total grants of about Rs. 17.4 Crore (Rs 1,737.676 lakh)

Minor Projects: 2 ongoing with total grants of Rs 18 lakh.

Dr. Jayashree Pillai, Dr. Sonali Chitalkar. Inter regional aspirations in Jammu and Kashmir; ICSSR; Nov. 2017-2019; Rs. 18.7 Lakh.

Dr. Bhupender Kaur. Access of Institutional credit to small and marginal farmers and its impact on their livelihood – A case study of Punjab; ICSSR; May 2017 – Nov. 2018; Rs. 8 Lakh.

Dr. Monika Sharma, Dr. Sadhna Sharma. A study of macrophage apoptosis and mitochondrial integrity in response to PE/PE_PGRS family proteins of Mycobacterium tuberculosis; DST; March 2018-2021; Rs. 68 Lakh.

Dr. Sadhna Sharma, Dr. Monika Sharma. Molecular Cloning and Immunological Validation of Three Hypothetical Proteins of M. Tuberculosis with Strong T-Cell Epitope 102/IFD/SAN/1141/2013-14; DBT; June 2013-2017; Rs. 66.84 Lakh.

Dr. Monika Tomar. Demonstration of GaN LED by PLD [File No.:5(3)/2010-NANO]; DeitY; Feb. 2014-Sep. 2017; Rs. 479.54 Lakh.

Dr. Monika Tomar, Development of thin film Surface Acoustic Wave device as a platform for the sensing applications [DST/TSG/ME/2013/58-G]; DST (Min. of S&T); Nov. 2014-19; Rs. 474.34 Lakh.

Dr. Monika Tomar. Molecular Modelling of Halons alternatives [CFEES/TCP/CARS/NOMHA-FCPCG/CC/09/2013]; DRDO; April 2015-Oct. 2017; Rs. 274.13 Lakh.

Dr. Monika Tomar. Validation and improvement of indigenously developed table-top Surface Plasmon system (SPR) system [DST/IDP/SEN-NEW/25(G)]; DST; March 2015-2017; Rs. 86.31 Lakh.

Dr. Monika Tomar. Development of Ferroelectric thin film based photovoltaic cells [EMR/2017/000194]; DST, July 2017-2020; Rs. 31.54 Lakh.

Dr. Monika Tomar. Feasibility study for fabrication of Air bridges by gold electroplating; DRDO; Sept. 2017-2018; Rs. 9.42 Lakh.

Dr. Poonam. Detoxification of environment persistent organic pollutants primarily pesticides using functionalized nanomaterials; UGC; April 2017-2019; Rs. 10 Lakh.

Dr. Poonam. Thio-click approach for the synthesis of stable glycomimetics and chiraloxathiacrown ethers; DST; Aug. 2016-2019; Rs. 36.816 Lakh.

Dr. Kalawati Saini, Ms. Nutan Rani, Dr. Smriti Sharma Bhatia. To Establish a Pollution Monitoring Station Across road over the Nala at Kingsway Camp and determine effects of pollutants and Air quality on the public health and microflora/microfauna; DBT; April 2018-2019; Rs. 8 Lakh.

Dr. Saloni Bahri, Dr. Sadhna Sharma, Dr. Smriti Sharma Bhatia. Therapeutic Potential of Medicinal Plants: Culture, Extraction, Physicochemical Characterization and Testing their Cytotoxic or Immunostimulatory Properties; DU Star Innovation Project: Oct. 2015-2019; Rs. 26.66 Lakh.

Dr. Pratibha Jolly, Dr. Bani Roy, Dr. Amrta Tripathi Sheikh, Dr. Mallika Pathak, Dr. Jyoti Arora. 3R: Reduce, Reuse, Recycle; DU Star Innovation Project; Oct. 2015-2019; Rs. 40.88 Lakh.

Dr. Pratibha Jolly, Dr. Mallika Verma, Dr. Bani Roy, Dr. Janaki Subramanyan. Eureka! My Lab: Developing Resources and Hands-on Science Activities and an Adaptation Accessible for Visually Impaired; DU Star Innovation Project; Oct. 2015-2019; Rs. 37.50 Lakh.

Core Development of College Infrastructure and up of a Central Instrumentation Facility; DU Star Innovation Projects; Oct. 2015-2019; Rs. 26 Lakh. Coordinator: Dr. Pratibha Jolly.

Star College Scheme 102/IFD/SAN/3819/2016-17; DBT; Feb. 2017-2019; Rs. 53 Lakh. College Coordinator: Dr. Sadhna Sharma. Co-coordinators: Dr. Mallika Pathak (Chemistry); Dr. Saloni Bahri (Botany); Dr. Mallika Verma (Physics); Dr. Monika Sharma (Zoology).

Patent Filed/ Granted

Dr. Monika Tomar filed for grant of three National and one International Patents.

National:

1. Electric field assisted low power consuming conductor-metric gas sensor
2. A sensitive, selective and rapid fuel gas sensor
3. Multi-states nonvolatile opto-ferroelectric memory

International

4. Multi-states nonvolatile opto-ferroelectric memory material and process for preparing the same thereof

Seminars and Workshops Organised (Selected few)

More than 75 lecture seminars were organized including about 20 International speakers.

Workshop for School Teachers on *Online Labs for School Experiment*, in collaboration with Amrita University, Kerala; Departments of Chemistry and Physics 11 April 2017.

The Big Bang: Unlocking the Secrets of the Universe in association with CERN, Physics Department; 2 August 2017.

Social Exclusion and Discrimination in India, Equal Opportunity Cell, 18 August 2017.

Social Exclusion and Discrimination in India; Exhibition and round table discussion on *Freedom Struggle: Told and Untold Stories*; Political Science Department, 18 August 2017.

Biofertilizers, DBT Star College Scheme, 04 September, 2017.

Immunoinformatics for Rational Vaccine Design, DBT Star College Scheme, 18-22 September, 2017.

INSEF Regional Science Fair for schools; Miranda House, 13 October 2017.

Internet of Things (IOT), Robotics Society, Physics Department, 14-15 October 2017.

International Seminar, Big Data in Economics Analysis, Department of Economics, 26 October 2017.

Understanding Sexuality: Challenges for Education, Department of Elementary Education, 6 November 2018.

GIS Based Earthquake and Landslide Zonation, Geography Department, 25 January 2018.

Management and Cultural Contexts, Indo-Dutch Collaboration with Hoge School Utrecht University of Applied Sciences the Netherlands, 27 January to 3 February 2018.

VIGYANshala – Communicate and Inspire Workshop in association with University of Cambridge, UK, Physics Department, 5 February 2018.

Second World War and Contemporary Geopolitics, Geography Department, 8 February 2018.

Zentih: Annual Economics Conclave, Economics Department, 9 to 10 February 2018.

Reconceptualising Planning, Geography Department, 26 February 2018.

National Seminar *Ved–Navaneetam*, Sanskrit Department, 28 February 2018.

National Symposium cum Faculty Development Programme *Genome Editing Tools*, 15-22 January 2018.

Conferences organized (Best 4 Conferences)

Indo Hungarian Symposium on Recent Advances in Chemistry and Biology (INHCAB - 2017) in association with University of Debrecen, Hungary on 11 December 2017.

INSPIRE Mentorship Camp for school students sponsored by DST, 18 to 22 December 2017.

Rethinking the Obvious – The Rhetoric of Development, in collaboration with George Washington University, USA, 6 to 7 January 2018.

Science Conclave: Research on the Frontiers, for DST INSPIRE UG Scholars, 8 to 10 January 2018.

Social & Technological: Access & Accessibility, 18 to 19 January 2018.

Seminar /Conferences Presentations (Selected few)

Dr. Pratibha Jolly gave an invited talk “Woman, Scientist, Entrepreneur: Engendering Skills for the Changing Workplace”, at the National Conference on Technological Empowerment of Women, Commemorating the International Women’s Day, organized by National Academy of Science India, Allahabad (NASI), Vigyan Bhavan, New Delhi, 8-9 March 2018.

Dr. Pratibha Jolly gave an invited talk “Skills for the Changing Workplace” at the International Women’s Day Workshop, “DRDO Initiative of Women Augmenting Services - DIWAS” Organised by *Defence Institute of High Altitude Research (DIHAR, DRDO)*, Leh–Ladakh, 11 March 2018.

Dr. Monika Tomar presented paper, “Surface acoustic wave devices for gas and biosensing applications at 14th International Meeting on Ferroelectricity (IMF2017), San Anotnio, USA, 4-8 September 2017.

Dr. Monika Tomar presented paper, “Surface Plasmon Resonance based Electro-optics modulator 6th International Symposium on Integrated Functionalities, ISIF 2017, New Delhi, 10-13 December 2017.

Dr. Mallika Pathak presented a paper “Binding mechanism of the antidiabetic drug, metformin with the digestive enzyme, pepsin: an experimental and theoretical study” at the XIV International Conference on Molecular Spectroscopy, from Molecules to Functional Materials, Kraków-BiałkaTatrzańska, Poland, 03-07 September 2017.

Dr. Kalawati Saini gave an invited talk “Green synthesis of ZnO nanoparticles by using *Azadirachta indica* and their photocatalytic, anti-bacterial, anti-fungal and anti-diabetic activity” at the European Advanced Materials Congress-2017, Stockholm, Sweden, 22-24 August 2017.

Dr. Poonam presented a Poster “Design and synthesis of functionalized organic-inorganic hybrid nanomaterials and its application in biomass conversion process” at the Material Research Society MRS Spring Meeting, Phoenix, Arizona, USA, 17-21 April 2017.

Ms. Monika Arora, presented a paper “Effect of oblateness on the existence of liberation points in R4BP” at the CELMEC VII, International Conference in Celestial Mechanics, San Martino, Al Cimino, Viterbo, Italy, 03-09 September 2017.

Dr. Shampa Roy presented paper titled “Crime Fiction: Detection, Public and Private”, at the International Conference, Corsham Court, Bath University, UK, July 2017.

Dr. Saswati Sengupta and Dr. Sharmila Purkayastha presented a joint paper “The Competing Claims of a Postcolonial Nation” at International Conference on Space, Place and Hybridity and the National Imagination at Grenoble Alpes University, France, 22-24 November 2017.

Dr. Sharmila Purkayastha presented a paper “Custody, Torture and Women Political Prisoners” at workshop on Carceral Logics and Social Justice, Tata Institute of Social Sciences, Mumbai, 14-15 March 2018.

Dr. Radhika Chadha presented a paper “Early Modern Connectivity: Drawing out Deltaic Bengal through Portuguese Narratives, c. 1500-1640” at the AAS-in-Asia International Conference on Asia in Motion: Geographies and Genealogies, India Habitat Centre, 5-8 July 2018.

Ms. Madhu presented a paper “Divided we stand: Mobile Culture and Digital Inequality in India” at the Eurosymposium on Societal Challenges in Computational Social Science, in London, 15-17 November 2017.

Ms. Madhu presented a paper “Monkey see Monkey do – Children, Materialism and Unhappiness” at the 7th World Youth Buddhist Symposium, at Chiang Mai, Thailand, 30 July to 2 August 2017.

Ms. Reena Kannojiya presented paper “Portrayal of women’s image in Hindi Cinema” at the International Conference on Advances in English Studies, Women Empowerment, Business, Humanities and Social Science in Goa, 28-30 December 2017.

Dr. Sreemati Chakravarti presented paper “Response of 1857 in Bengali Literature” at a seminar organized by International Congress of Bengal Studies, in Dhaka, Bangladesh on 27 January 2018.

National/ International MoUs

International: These include MoUs with Hoge School Utrecht University of Applied Sciences the Netherlands; George Washington University, Washington DC; Lynchburg College, USA; Ontario Universities, Canada; International Research Group on Physics Education (GIREP).

National: These include MoUs with NII (Science Setu Programme); Google Ltd; Use google apps for education; Weekendr (Mobiquel); Nehru Arts and Science College, Coimbatore; ICT Academy; Tata Power Delhi Distribution Ltd. for Student project; Indian Reprographic Rights Organisation.

Other Inter-Institutional Collaborations

Miranda House has linkages with a vast network of academic institutions, social organisations; corporate entities and eminent citizens at large. This year college hosted those from Institutions cited above. The highlight was visit by delegations from University of Hong Kong led by President and Vice Chancellor.

Students under Exchange Programmes

Outbound: SP Jain School of Global Management: Initiative at Miranda House (2 students in December 2017); Utrecht Business School on Strategic Management and Culture from June - July 2017 (2 faculty and 12 students)

Inbound: Utrecht Business School (10 students); Ontario University (2 students)

Placement Details

Number of students getting successful placements: ~ 90 (90% of students who apply get placement); Number of companies/industries visited for campus recruitment: 40 companies visited the college.

Extension and Outreach activities

Miranda House encourages all students to participate in extension work, community engagement and outreach.

Clean Environment: More than 100 MH Vatavaran volunteers undertook an Anti-litter Drive on 11 and 13 September 2017 to clear the DUSU election posters and pamphlets lying around the campus. Groups of 30-40 volunteers and some faculty advisers participated on each day to clean the area surrounding Miranda House and Vishwavidyalaya Metro Station. The paper waste collected was sent to the Miranda House Paper Recycling Plant. Miranda students led by Ms. Simran and Ms. Marya of B.A. Programme III Year launched the *No Poster Party* which captured the imagination of the entire University population and the media. The mission of this party was not to fight elections but to get rid of the menace of posters plastered on University walls. They organized several events held under this advocacy and cleanliness campaigns. The National Institute of Urban Affairs (NIUA), New Delhi, brought officials from Urban Local Bodies (ULB) in different parts of India to Miranda House to see best practices in solid waste management, during twelve Swachh Bharat Mission Exposure Workshops organized by them between May and October 2017.

Education Outreach: Miranda House NSS unit has established Teaching Centres for disadvantaged students in Hudson Lane (Hakikat Park) called Jangyanodaya. A large number of volunteers regularly participate in the teaching programmes, imparting varied skills and promoting cultural activities. Handmade cards and Rakhis were distributed to children in these Centres at a specially organized programme on Raksha Bandhan day.

Helping the PwD: NSS and Enabling Society volunteers continued to assist visually challenged students in many ways throughout the year. They provided academic assistance by reading to the visually challenged and recording lessons. They also accompanied them on trips for intercollege competitions and participation in activities across the city.

Other Activities: The college launched major programmes on issue such as physical fitness; substance abuse; mental health; women's health issues; cancer; Alzheimer's disease; road safety; self defense training; women and law; consumer affairs; right to information; electoral reforms; anticorruption movements; and citizenship. It celebrated Vigilance Week; Rashtriya Ekta Diwas etc.

Enactus: Projects under KPMG led programme *Enactus* aim at making economically marginalised communities, especially women, independent: Project *Dhrey*a works with the cobbler community to create products with leather; *Inara* is finding innovative energy solutions for electrification of underdeveloped areas; *Ikhti*yaar is looking at removal of water hyacinths, damaging aquatic species under the river surface.

Library Development

The total sanctioned budget was Rs. 16,66,100. In the academic year 2017-18, 943 volumes of books were added. The LIBSYS LSEase Management was upgraded to Web centric OPAC, connected to DU LAN. OPAC is available on Intranet. It provides access to DULS and major databases such as N-LIST and INFLIBNET. Orientation programme was organized for faculty. Information Literacy Workshop was organized for faculty and students in collaboration with Delhi University Library System to upgrade them on use of e-resources available on DULS portal. The Annual Book Exhibitions was held.

Faculty Strength

Permanent: 135, Temporary: 02, Ad hoc: 67

Financial Allocation and Utilization

Grant sanction in 2017-2018: ~ Rs. 52 Crore (Rs.51,56,66,000).

Utilization: ~ Rs. 48 Crore (Rs. 47,90,82,317).

Other Significant Information

No. of faculty who are Ph.D. guides is 14; students registered for Ph.D. under them is 28. This promotes research culture. Students have been selected for internships in the best institutes. As many as 20 science students did summer internship at Vikram Sarabhai Space Centre, ISRO, Chennai Mathematical Institute, NIUS, Tata Institute of Fundamental Research, Physics Research Laboratory, Indian Institute of Science, Inter-University Accelerator Centre, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR). More than 50 students worked as summer interns in the DS Kothari Centre for Research and Innovation in Science Education at Miranda House.

Of the graduating class, 17 students have received admissions in well recognized universities abroad with scholarships. Unnati Akhouri, B.Sc. (H) Physics has received Inlaks Scholarship for MS in Physics at Cambridge University, UK. Chandni Jain, B.A. (H) Political Science has received the Eiffel Scholarship awarded by the French Ministry of Foreign Affairs and International Development worth approximately 21 Lakhs and the Tiara Foundation Scholarship worth 4 Lakhs to pursue Masters in International Development, in Sciences Po, Paris.