

Recent Achievements

Central University of Haryana

1. Programmes on Offer: 56

Sr. No.	Programmes	2017-18	2018-19
1.	UG	07	07
2.	PG	27	27
3.	Ph.D.	13	15
4.	M.Phil.	05	07

2. Students Enrollment:

Prog.	2017-18				2018-19			
	Female	Male	Total	Outside Haryana	Female	Male	Total	Outside Haryana
UG	64	559	623	152	98	755	853	294
PG	589	607	1196	425	666	750	1416	594
Ph.D.	61	55	116	46	78	74	152	67
M.Phil	06	11	17	14	8	8	16	10
Grand Total	720 (37%)	1232	1952	637 (33%)	850 (35%)	1587	2437	965 (40%)

a. Diversity in Enrollment (2018-19):

- i. From outside Haryana State : **40%**
- ii. Women Students : **35%**

3. Performance in UGC-CSIR (NET/JRF), July & Dec., 2018 : 107 Students

4. Research Papers Published : 143

5. New Research Projects Sanctioned : 08

a. Chemistry: 02

- i. "Towards the total synthesis of bioactive natural products: New drug discovery and development", PI: Dr. Manoj K. Gupta. Grant: 10 Lakhs.
- ii. "MoS₂/S₄ integrated porous surfaces for catalytic hydrogen generation via water splitting", PI: Dr. Prakash Kanoo, Grant: 23,50,000/-.

b. Biotechnology: 03

- i. “Enviroorganic “Environmental Geochemistry and Treatment of Organic Pollutants in Aquatic Systems in the Selected Areas of China, India and Russia”, Indian Project Coordinator: Dr. Kashyap Kumar Dubey. BRICS, Grant Awaited: 50 Lakhs.
 - ii. “Scale Up process development for Lipstatin production from *S. toxytricini*”, PI: Dr. Kashyap Kumar Dubey, BIRAC, DBT. Grant: 41.6 Lakhs.
 - iii. “Subjects Based Network: Environment Microbiology”, Coordinator: Dr. Kashyap Kr. Dubey, MHRD. Grant: 24 Lakhs.
- c. Microbiology: 01
 - i. Transcriptional regulation of ICAM-1 gene expression in human monocyte and macrophage cells", PI: Dr. Vinod Yadav, SERB, DST, Sanctioned Grant: 48 Lakhs.
- d. Nutrition Biology: 01
 - i. “Surface expression of Glucagon like peptide-1 on indigenous probiotic *Lactobacillus* for management of type 2 diabetes”, PI: Dr. Ashwani, Funding Agency: DST. Grant: Awaited.
- e. DDUKK: 01
 - i. Bridging Skill Gaps through Skill Development Programmes: An Exploration of Youth Employability and Entrepreneurial Traits with Special Reference to Retail Sector in Haryana, funded by DDUKK, UGC, PI: Dr. Suyash Mishra. Grant: 10,66,100/-.

6. Research Projects Completed : 05

7. Consultancy Projects : 08

a. Dr. Somvir Bajar, Faculty in the Department of Environmental Sciences.

8. GIAN Courses conducted : 03

- a. “Cerebral Blood Vessels in Health and Disease: Translational Insights”, Coordinated by Dr. Vikas Yadav, Dept. of Biochemistry, April, 2018. **External Faculty: Dr. Itender Singh, Washington University, Missouri, USA.**
- b. “Principles of Environmental Catalysis”, Coordinated by Dr. Somvir Bajar, Dept. of Environmental Sciences, Aug.

2018. **External Faculty: Dr. Praveen Kolar, North Carolina State University, USA.**

- c. “Food Safety, Food Security and Food Regulation: A Primer”, Coordinated by Dr. Tejpal Dhewa, Dept. of Nutrition Biology. **External Faculty: Karl R. Matthews, State University of New Jersey, USA.**

9. Massive Open Online Courses: Course titled “Food Microbiology and Food Safety” offered by the University faculty is among the most popular courses available on MOOCs platform. A total of 2709 students from across the country have enrolled for this course, till date, which speaks very loud of the impact and popularity of the course.

- 10. Patents Filed : 04**
- a. Biotechnology : 02
 - b. School of Engineering : 02

11. National Seminars/Conferences/Workshops:

- a. Two-Day National Seminar on “Swami Dayanand Saraswati: A Visionary Reformer” organised by Swami Dayanand Saraswati Chair, Feb. 16-18, 2018.
- a. Two-Day National Seminar on “Contribution of Swami Dayanand Saraswati and Aryasamaj for dissemination of Education” organised by Swami Dayanand Saraswati Chair, March 19-20, 2018.
- b. Two-Day National Seminar on “Challenges before Indian Nationalism” organised by the Dept. of Political Science, March 27-28, 2018.
- c. One week National workshop on “Statistical Techniques and Data Analysis with R”, Dept. of Statistics, March 19-23, 2018.
- d. ICSSR-Sponsored 10-Day National Workshop on “Research Methodology” organised by the Dept. of Political Science, March 12-21, 2018.
- e. One Day- Colloquium on DNA Day organised by the Dept. of Biotechnology, April 25, 2018.
- f. National Workshop on “Theatre: A pedagogical Tool” organised by the School of Education, May 3-4, 2018.
- g. Three-Day National Workshop on Massive Open Online Courses organised by the School of Education, May 14-16, 2018.

- h. National Seminar on “Yoga for Holistic Development” organised by the School of Education, June 20, 2018.
- i. Two-day Workshop on “Thin Film Coating and Deposition Techniques” organised by the Dept. of Physics, Aug. 30-31, 2018.
- j. IIPA sponsored Two-Day National Seminar on “Consumer Protection in E-commerce and Digital Era: Issues and Challenges” organised by the Departments of Law and Commerce, Sept. 17-18, 2018.
- k. National Conference on “Spiritual Development through Education” organised by the School of Education, October 11-12, 2018.
- l. Two-Day National Seminar on Library and Information Science Sponsored by Indian Association of Teachers of Library and Information Science, Dec. 3-4, 2018.
- m. Faculty Induction Programme for Newly Appointed Faculty, Prof. B.K. Kuthiala, Chairperson, Haryana State Higher Education Council, Dec. 13, 2018.

12. Academic Evaluation:

- a. Departmental Presentations chaired by the Hon’ble Vice Chancellor to assess the academic performance of individual departments, May 10, 2018.
- b. Faculty presentations of School of Interdisciplinary and allied Life Sciences on Jan. 3, 2019.

13. Series of Extension Lectures and other major activities:

- a. Extension Lectures conducted by Dr. Sanku Dey, Department of Statistics, St Anthony College Shillong, Meghalaya, Jan. 30, 2018.
- b. Extension Lecture conducted by Dr. Manvi Agarwal, National Sample Survey Origination, Sub Regional office, Marris Road Aligarh, Ministry of Statistics, Programme and Implementation, Government of India, Feb. 8, 2018.
- a. Extension Lecture by Prof. Naseeb Singh Gill, MDU, Rohtak, organised by the School of Engineering, April 16, 2018.
- b. Extension Lecture on “Proteomics and its Application for Animal Sciences” by Prof. A.K. Mohanty organised by the Dept. Nutrition Biology, April 16, 2018.

- c. Extension Lecture by Prof. Anjan Kumar Baral, GJU&ST, Hissar, organised by the School of Engineering, April 20, 2018.
- d. Extension Lecture on “Personality Development and Soft Skills” by Prof. Sanjay Kumar, formerly faculty at BITS Pilani, organised by the School of Engineering, April 24, 2018.
- e. Extension Lecture on "Aspects of Power System” by Prof. Ashwani Kumar, KU Kurukshetra, organised by the School of Engineering, April 26, 2018.
- f. Special Series of Extension Lectures conducted by Prof. J.K. Batra, National Institute of Immunology organised by the Dept. of Biochemistry, May 16-17, 2018.
- g. Extension Lecture by Prof. Dhirender Singhal, DCRUST, Murthal, organised by the School of Engineering, May 25, 2018.
- h. Extension Lecture on “Plastic Pollution and Climate Change” by Dr. S.D. Attri (Deputy Director General of Indian Meteorological Department, New Delhi), organized by the Dept. of Statistics, June 5, 2018.
- i. Extension Lecture on "Combating Plagiarism in Academics” by Dr. Nirmal Kumar Swain, MDU, Rohtak, organised by the Dept. of Library and Information Science, July 30, 2018.
- j. Extension Lectures on “Ranganathan as Role Model” by Prof. D V Singh, Librarian, University of Delhi, Delhi, , Aug. 18, 2018.
- k. Extension Lectures on “Role of Libraries in facilitating and supporting learning” by Dr. Satish Kumar, HOD, DLIS, Maharshi Dayanand University, Rohtak, Aug. 18, 2018.
- l. Extension Lectures by Prof. Amar Nath Gill, Department of Statistics, Panjab University, Chandigarh, Aug. 23, 2018.
- m. Extension Lecture on “Education through MOOC & OER : Role of Libraries” by Prof. Dinesh Kumar Gupta, Professor, Department of Library & Information Science, Vardhaman Mahaveer Open University, Kota, organised by the Dept. of Library and Information Science, August 23, 2018.
- n. Extension Lecture on “UGC Plagiarism Regulations 2018: Controlling the plague of Plagiarism” by Dr. Ramesh C. Gaur, Director & Head, Kalanidhi Division, Indira Gandhi National Centre for Arts (IGNCA), New Delhi, organised by the Dept. of Library and Information Science, Sept. 11, 2018.

- o. Extension Lecture on “पुस्तकालयविज्ञानमेंहिंदीकाप्रयोगएवंमहत्व” by Prof. D V Singh, Librarian, University of Delhi, organised by the Dept. of Library and Information Science, Sept. 14, 2018.
- p. Extension Lectures on “Engineering: A philosophy” by Er. Ashok Gupta, Director AIP, Techno Consultants Pvt Ltd, Sept. 18, 2018.
- q. Extension Lecture by Prof. Pradeep Tirkha, MLS University, Udaipur, organised by the Dept. of English and Foreign Languages, September 20, 2018.
- r. Extension Lecture by Prof. T. Satyanarayana, NSIT, New Delhi organised by the Department of Biotechnology, September 28, 2018.
- s. One Day- Colloquium on “Ramachandran Plot: A way forward to proteomics” organised by the Dept. of Biotechnology, October 8, 2018.
- t. Expert Lecture on “Challenges in Bioethanol Bioprocessing: Perspectives and New Areas” by Dr. Hao Liu, Associate Professor, State Key Laboratory of Pulp and Paper Engineering, South China University of Technology, China, Oct. 12, 2018.
- u. Motivational Extension Lectures for Engineering Graduates by Er. Sanjeev Mehra, MD, Tata Power Trading, Oct. 16, 2018.
- v. Students Participated in National Organic Festival at Indira Gandhi National Arts Centre, New Delhi.
- w. Expert Lecture on Today's Media and Society by Dr. D.P. Vats (The Hon'ble Member of Parliament), Oct. 28, 2018.
- x. Expert Lecture on Media and Information Literacy Skills by Prof. H.P.S. Kalra, HOD Library and Information Science Department, Punjabi University, Patiala, Oct. 26, 2018.
- y. Syllabus Designing Workshop on 'Nai Taleem': Community Education and Community Participation conducted Prof. V.P. Sharma, Mahatma Gandhi National Council of Rural Education, Oct. 30, 2018.
- z. Two-Day Expert Lectures on Statistical Methodology conducted by Dr. Manoj Kumar, School of Social Sciences, JNU, Oct. 29, 2018
- aa. Litfest organised by the Department of English & Foreign Languages, Oct. 30, 2018.
- bb. Training Programme on Financial Awareness by Pankaj Vasudev, MD, Mentoring Matters India Ltd., October 31, 2018.
- cc. 'Run for Unity' Organised in University Campus in participation with local community, Oct. 31, 2018.

- dd. Expert Lecture on "Bioactive Pesticide" by Prof. Rotomi Ologo, Manitoba University, Canada, Nov. 1, 2018.
- ee. 53rd Haryana Day Celebration, Nov. 1, 2018.
- ff. Education Day Celebration, November 09-11, 2018.
- gg. Scientists of BARC, Dr. Deepak Sharma and Dr. Vinita Grover, visited CUH Campus on Nov. 12, 2018.
- hh. "Meet the Author" event conducted by the Department of English and Foreign Languages. Sami Ahmed Khan, Novelist interacted with the students and faculty, Nov. 14, 2018.
- ii. Mathematical Awareness programme organised for school children, Nov. 15, 2018.
- jj. Expert Lecture on Socio-Economic Development by Dr. R. N. Yadav, Nov. 20, 2018.
- kk. Fourth Annual Blood Donation Camp, Nov. 28, 2018.
- ll. Students participated on Organic Food Festival at Ahmedabad, Dec. 22-25, 2018.
- mm. Students participated in E-Waste Management Technique event at Manesar, Gurugram, Dec. 5, 2018.
- nn. K7 Solutions Pvt. Ltd., Delhi conducted on campus placement drive on Dec. 17-18, 2018 for MCA and MBA Students. 6 Students from MBA department and 5 Students from MCA department got placement with package of 3.6 Lpa.

14. Social Outreach, Cultural and Awareness Activities:

- a. Organised the campaign 'Ek Bharat Shrestha Bharat' to celebrate the food culture of Haryana and Telangana, May 29, 2018.
- b. World Environment Week organised by the Department of Environmental Sciences, May 30-June 5, 2018.
- c. Faculty Induction programme organised by the School of Education, June 14- July 14, 2018.
- d. National Suicide Prevention Week organised by the Department of Psychology, September 10-17, 2018.
- e. Interactive Sessions by Mrs. Manjari Joshi, Former All India Radio and DD News Reader, New Delhi, and Prof. Hemant Joshi, Indian Institute of Mass Communication, New Delhi on Delhi Doordarshan (DD) Day, Sept. 14, 2018.
- f. Celebrated Literature-Fest (Sahitya Utsav) of Hindi and Telugu under Ek Bharat Shrestha Bharat campaign on 27th Sept. 2018.

- g. One-Day Workshop on “Cyber Security of Women” organised by the Women Empowerment Cell, Sept. 27, 2018.
- h. Two-Day Celebration of Surgical Strike Day on September 28-29, 2018.
- i. One-Week Celebration of Mahatma Gandhi’s 150th Birth Anniversary organised by the School of Education, September 29-October 4, 2018.
- j. One-Day Workshop on “Disaster Management and Cleanliness” organised by IQAC, Oct. 10, 2018.
- k. 32 major activities have been organised under Unnat Bharat Abhiyan by NSS, YRC, Women Empowerment Cell, or Legal Aid Clinic.

15. Major Achievements of NSS/YRC Volunteers:

- a. Participation of 2 male volunteers in Basic Water Sports Course at Regional Water Sports Centre at Pongdam, (H.P.), August 11-24, 2018.
- b. Participation of 3 female volunteers in Basic Water Sports Course at Regional Water Sports Centre at Pongdam (H.P.), August 27-September 9, 2018.
- c. Participation of 2 NSS volunteers (1 male and one female) in Adventure Camp at Hathkoti(HP), sponsored by Ministry of Youth Affairs(GoI), September 12-21, 2018.
- d. Participation of a team of 10 Volunteers in State Youth Exchange Programme under Ek Bharat Shresth Bharat at Hyderabad, September 15-29, 2018.
- e. Participation of a team of 4 female volunteers in River Rafting Camp at Kodiala(UK), October 11-15,2018.
- f. Participation of a team of 2 male volunteers in River Rafting Camp at Kodiala(UK), October 16-21,2018.
- g. Selection of Mr Sandeep Kumar for Pre-RD Camp at Sikar (Rajasthan), 12-21st October, 2018.
- h. Participation of a team of 4 volunteers in District Ambulance Competitions at Narnaul. The teams of Boys and Girls bagged First and Second positions in different events. September 18, 2018.
- i. Annual NSS Camp, November 16-22, 2018.

16. Achievements of Student Innovators:

- a. In April 18, 2018, 70 students of the University participated in the Science and Technology Fare-2018 held

at Nagaur District of Rajasthan and got 57 medals including Silver, Gold and Bronze Medals in various categories.

- b. Student Innovators participated in Festival of Bharat in Delhi and received First Prize in the category of Organic Food, May 9-14, 2018.
- c. A total of 120 students visited ISRO and Science City, Ahmedabad on July 26, 2018 and participated in the Quiz Competition organized by the Ramanujam Mathematics Club and got one gold and one bronze medals.
- d. CISED innovator Mr. Rishi pal was honored with Silver Jubilee award by National Innovation Foundation (NIF) in July, 2018.
- e. Student innovators of the University secured 2nd position at National Science Techno Fare held on Sept. 22-23, 2018. There he exhibited a working model of wheelchair which operates through the movements of eyeballs of paralyzed person. The Team secured silver medal in debate competition, Gold medal in quiz category and an award of appreciation for Rishi Pal.
- f. As the part of innovation awareness campaign of the University, almost 15,500 ideas were collected from various schools and colleges were sent to National Innovation Foundation (NIF) for the IGNITE Award 2018. Selected ideas and their innovators will be provided patent file for their innovative ideas and necessary funding is also expected to be provided for the same.

17. Recent Progress for Augmenting University Infrastructure:

- a. **Proposal for availing finance amounting to Rs. 428.43 Cr from Higher Education Funding Agency (HEFA)** for construction of School of Engineering & Technology, Library, Academic Block – II and Guest House buildings as well as for procurement of lab equipment and other infrastructure during the Financial Years 2018-19 to 2020-21 has been submitted to MHRD.
- b. **Construction of Administrative Block and Health Centre** is nearing completion and expected to be completed by 31st December 2018.
- c. **Construction of Boys' Hostel and Girls' Hostel of capacity 630 students each** is in full swing. One block of

each hostel is expected to be completed by 31st December 2018 and the 2nd block of each hostel is expected to be completed by 30th April 2019.

- d. **Construction of 24 Nos Type – V and 24 Nos. Type – III staff quarters** is in full swing and expected to be completed by 30th June 2019.
- e. **Construction of Sedimentation–cum-Storage Tanks** for supply of treated canal water is expected to start shortly. Tree Cutting permission has been obtained from Forest Department recently.
- f. **Construction of shed for Civil Engineering Laboratories & Workshop of School of Engineering and Technology** is in full swing and is expected to be completed shortly (by 15th November 2018).
- g. **Old Academic Blocks have been renovated** as per requirements of School of Engineering and Technology.
- h. **Connecting Road** has been constructed upto newly constructed Type –II and Type – IV staff quarters.
- i. **Electric Substation No. 2** has been commissioned for providing power supply to newly constructed 24 Nos. Type – II and 48 Nos. Type – IV staff quarters which have been allotted to faculty and staff.
- j. **Electric Substation No. 3** has been commissioned for providing power supply to Academic Block – I.
- k. **Centralized Uninterrupted Power Supply (UPS) system** of capacity 320 KVA each have been installed in new Academic Blocks – I, III & IV.
- l. **Modular furniture** has been installed in faculty rooms, offices, class rooms and laboratories of Academic Blocks – I, III & IV.
- m. **Installation of 160 KWp rooftop Solar Power Plant** at Academic Blocks – I, III & IV has commenced and is expected to be completed shortly (by 30th November 2018).
- n. **Rooftop Commercial RO Systems** have been installed at all Academic Blocks as well as Hostel Blocks.

18. Digital Initiatives Undertaken by University :

- a. All Ph.D. and M.Phil theses have been uploaded on Institutional digital repository.
- b. 27 Ph.D. theses have been merged into *ShodhGanga* till now and 12 more are under process.

- c. All university students have been provided National Digital Library credentials.
- d. University has conducted various awareness programs and workshops on Bhim app, Swayam Prabha DTH channel facility, DSpace and Institutional Digital Repository in 2018.
- e. The University has created state-of the art virtual classroom facility for creation and development of MOOC content.
- f. The University has also created the facility of dedicated conference room for the Swayam Prabha DTH facility through which learners may access 32 educational channels.