

## YEARLY STATUS REPORT - 2023-2024

Part A			
Data of the	Institution		
1.Name of the Institution	Central University of Haryana		
Name of the Head of the institution	Prof. (Dr.)Tankeshwar Kumar		
• Designation	Vice-Chancellor		
• Does the institution function from its own campus?	Yes		
• Phone no./Alternate phone no.	01285260201		
Mobile no	9815991816		
Registered e-mail	vc@cuh.ac.in		
Alternate e-mail address	diriqac@cuh.ac.in		
• City/Town	Mahendergarh		
• State/UT	Haryana		
• Pin Code	123031		
2.Institutional status			
• University	Central		
• Type of Institution	Co-education		
• Location	Rural		
Name of the IQAC Co-ordinator/Director	Prof. Pawan Kumar Sharma		

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Phone no./Alternate phone no	01285260132	
• Mobile	9416457355	
• IQAC e-mail address	diriqac@cuh.ac.in	
Alternate Email address	talk2pawan@cuh.ac.in	
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.cuh.ac.in/igac/Reports.html	
4. Whether Academic Calendar prepared during the year?	Yes	
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.cuh.ac.in/Academic Ca lender.aspx	

## **5.**Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.10	2017	28/03/2017	27/03/2022
Cycle 2	A	3.08	2023	12/08/2023	12/08/2028

20/08/2015

## **6.Date of Establishment of IQAC**

7. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Depart ment/Faculty	Scheme	Funding agency	Year of award with duration	Amount
School of In terdisciplin ary and Applied Life Sciences	DST-FIST	DST	2021	4000000
Department of Chemistry	DST-FIST	DST	2021	11500000
Department of Environmenta 1 Studies	DST-FIST	DST	2023	14100000
Department of Mathematics	DST-FIST	DST	2023	10000000
Department of Physics and Astrophysics	DST-FIST	DST	2023	2000000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	3
<ul> <li>The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</li> </ul>	Yes
(Please upload, minutes of meetings and action taken report)	View File

10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
• If yes, mention the amount	200000

## 11. Significant contributions made by IQAC during the current year (maximum five bullets)

Portal for Collection of data required for applying for various rankings has been launched for IOAC

Applied for various rankings and secured 1 3rd rank in innovation in India Today Ranking 2. Declared as Emerging University of the Year (Govt) by FICCI 3. Won IDA award

## 12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Launch of portal for data collection	Data collection portal for awards, patents, activities, projects launched
To apply for various ranking of different agencies	1 3rd rank in innovation in India Today Ranking 2. Declared as Emerging University of the Year (Govt) by FICCI 3. Won IDA award

## 13. Whether the AQAR was placed before statutory body?

Yes

• Name of the statutory body

Name	Date of meeting(s)
Vice-Chancellor on behalf of the Executive Council of the University	Nil
14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	No

#### 15. Whether institutional data submitted to AISHE

Year		Date of Submission	
	2023-24	05/03/2025	

#### 16. Multidisciplinary / interdisciplinary

Central University of Haryana focuses on a multidisciplinary and holistic education roadmap for implementing the National Education Policy (NEP) 2020 in a phased manner. In the first phase, each department of the University is offering wide range of Generic/Open elective courses of multidisciplinary nature, and students of UG and PG programmes are mandatorily required to opt for the generic courses from other departments in addition to the disciplines specific core and elective courses. For example, adding to the existing multidisciplinary electives, the Department of Environmental Studies has introduced generic elective courses. like Environmental Pollution, Health and Biodiversity Conservation, Wildlife Management, etc. for all PG students. General/Open elective courses on Value Education, Yoga, Indian Knowledge System, Indian Classical Literature and Glorious Past of India have also been initiated by different departments. Giving impetus to ethical aspects of research, Central library offers a course on Research and Publication Ethics for all Ph.D. scholars. The University has introduced a Learning Outcome-Based Curriculum Framework (LOCF) focusing on the key aspects of NEP and is also planning to introduce new programmes of contemporary relevance like Artificial Intelligence, Design Thinking, Translation Studies, Comparative Literature, Holistic Health, Organic Living, Environmental Education, Global Citizenship Education (GCED) etc. All the departments updated their course curriculum to facilitate flexible choices, multidisciplinary approach and choice-based credit system by inviting feedback from the stakeholders. Skill based courses and value-added courses have also been incorporated in the curriculum of each academic programme. Internship in Industries as well as academic and research institutes is a part of the curriculum of our UG and PG Programmes for enhancing Skill, industry-readiness as well as employability of students. To achieve the targets of Atma Nirbhar Bharat, Research & Development Cell and Central Instrumentation Centre with high end equipment for diverse applications have been established in the University as per UGC guidelines to promote and develop the culture of quality multidisciplinary research. The University has introduced a number of integrated UG and PG programmes with multiple entry and exit options, and has registered on Academic Bank of Credits to facilitate smooth transfer of credits earned by a student. To accomplish India's National Skills Development Mission, the Central University of Haryana is offering

Bachelor of Vocational Degree courses in Retail and Logistics
Management, Biomedical Sciences and Industrial Waste Management with
numerous generic elective courses for other disciplines. Value added
courses like Scientific Evidences in Valmiki Ramayana, Life Skills
From Shrimad Bhagwad Geeta, Basic Ayurvedic Principle of Human
Nutrition and Health, Charging of Electric Vehicles, Fundamentals
of Environmental Monitoring, and Financial Literacy were introduced

#### 17. Academic bank of credits (ABC):

In pursuance of the UGC guidelines, Central University of Haryana has registered itself as a member university for facilitation of credit transfers. For this purpose, the University has also constituted a committee to prepare a roadmap and action plan for effective integration of ABC in its academic programmes and implementation. Central University of Haryana proposes to launch an intra CUH- ABC scheme to offer more courses for credit transfer across all the UG and PG programmes. The University has also initiated the process to identify the courses to be offered to other participating Universities under ABC scheme of UGC and it has been alreadfy been made available in some courses. All the students of the CUH has been registered for ABC. Accordingly, mark statement/credit structure and result processing systems would be upgraded to make them compatible with the ABC structure after appropriate approval from authorities. The ordinances are also being amended accordingly.

#### **18.Skill development:**

Vocational programmes offered by the University are helping in capitalizing demographic dividend for the development of India and the larger world. The University has been actively involved in Skill India campaign primarily through the vocational programmes namely, B. Voc. (Retail and Logistics Management), B. Voc. (Biomedical Sciences) and B.Voc. (Industrial Waste Management) offered by the Department of Vocational Studies and Skill Development as per the UGC quidelines on National Skills Qualification Framework (NSQF). Through there programmes, the University imparts the required skill competency to the students in collaboration with respective sector skill council. With relevant and updated curriculum and pedagogy, the students of the vocational programmes are exposed to hands-on training in industry, extension lectures of industry veterans, laboratory experiments, brainstorming sessions and case studies to overcome demand supply gaps of the industry. NSDC approved respective Sector Skill Councils assess and certify the skill competencies of the students of the University. Students of B. Vocational programmes undergo internships for the job roles and

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get placements in various industries or start their own ventures. The skill components of the B. Vocational programmes in Retail & Logistics Management, Biomedical Sciences and Industrial Waste Management are assessed and certified by Retailers Association's Skill Council of India (RASCI), Life Sciences Sector Skill Development Council (LSSSDC) and Skill Council for Green Jobs (SCGJ), respectively. In addition to the vocational programmes, the University offers number of professional programmes such as B.Tech (Civil), B.Tech (Electrical), B.Tech (Printing and Packaging), B.Tech (computer Science), MCA, MBA, LL.B, Master of Hotel Management & Catering Technology (MHMCT), Master of Travel & Tourism Management (MTTM), B.Ed, M.Pharma, M.P.Ed, etc wherein the curriculum is designed and delivered in such a way that the students get appropriate professional training in their respective fields. Though the skill component is invariably the integral part of the curricula of all the academic programmes, the programmes like M.Sc (Biotech), M.Sc (Biochemistry), M.Sc (Chemistry), M.Sc (Microbiology), M.Sc (Nutrition Biology), M.Sc (Environment Science), M.Sc (Geog), M.Sc (Physics), M.Sc (Statistics), M.Lib.Sc, MA (Journalism and Mass Communication), M.Com), M.A. Economics), M.Sc (Maths), etc. provide ample opportunities to the students to develop their professional specialization during the programme either through internships or projects. Besides, life skills and professional skills are also imparted through generic elective courses of multidisciplinary nature.

## 19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Indian Government, through the Ministry of Education, is actively engaged in spreading the rich heritage of our country, and traditional knowledge in all spheres of life including arts, literature, agriculture, sciences, engineering and technology, management and economics. While revising the syllabi of the various programmes as part of preparing plan for the implementation of NEP 2020, the CUH emphasised that there is always a need for the students to realise the use of Indian knowledge and principles to analyse and evaluate ideas and theories in modern disciplines. The Department of Sanskrit is offering almost all its courses based on ancient Indian intellectual tradition. Indian philosophical foundations, literary, ethical, Ayurvedic and linguistic traditions. Similarly, the curriculum of M.A. English offers courses on Indian Classical Literature and Modern Indian Literature in English Translation. The practice of Indian yogic tradition is followed and spread by the Department of Yoga. The Department of Library and Information Science brought out a GEC (General Elective Course),

duly approved by the statutory bodies. The course on 'Indian Knowledge System' emphasises the need to give an insight into the ancient knowledge system of India and offers various sources of knowledge, and agencies involved in transferring such knowledge in the present times, so that students are able to: • Know about the ancient Indian sources of knowledge and classification of knowledge • Understand the sources of knowledge, like individual, language sources, and Know about the classics of Indian knowledge in various disciplines • Know about the present means of dissemination of ancient Indian knowledge. The course comprises broader areas such as: Sources of Knowledge; Organisations and Institutions of Indian Knowledge; Indian Classics of different subjects; and dissemination of Indian knowledge. Teaching and research in Sanskrit, Hindi and English languages is in progress in the CUH. There is a big opportunity and scope in future for technically empowering students through the languages. Hence, a common language lab for all the languages is being planned in the University. The Department of Physics has come forward to get its students acquainted with the Sanskrit language with the help of the Department of Sanskrit. Setting up a Linguistic Empowerment Cell is also on agenda of the University in the future. The University also plans to integrate existing programmes/courses of various departments partially/ fully with the SWAYAM MOOCs, e-PGP content and other OERs available on Indian Knowledge Systems. The University has an MOU with the INFLIBNET Centre to use ePGP course content through University's Learning Management (http://elms.cuh.ac.in/moodle/) for the benefit of the students. Value added courses like Scientific Evidences in Valmiki Ramayana, Life Skills From Shrimad Bhagwad Geeta, Basic Ayurvedic Principle of Human Nutrition and Health, Charging of Electric Vehicles, Fundamentals of Environmental Monitoring, and Financial Literacy were introduced Dr. Manisha Pandey has been awarded a project by IKS division of MoE on "Exploring the modified antimicrobial potential of Matha Thailam's novel formulation for wound treatment of livestock: Promoting IKS with a new Strategy"

#### 20. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):

Learning Outcome-based Curriculum Framework (LOCF) is one of the quality initiatives earmarked for follow up by UGC through its Manual on Quality Mandate notified on 28th March 2020. In compliance with the recommendations contained in the Manual, the Central University of Haryana formed various committees (letter no.: CUH/2020/IQAC/11) to initiate appropriate action for prompt implementation of UGC recommendations. Subsequently, the committee conducted series of consultations with the teachers of all the departments and prepared a roadmap for speedy implementation of LOCF

as part of curricular reforms. In its recommendations submitted on 10th Feb 2021, the committee recommended LOCF-based curricular reforms in all the programmes of study. Accordingly, all the departments of study carried out the process of revamping the curriculum so as to integrate Learning Outcome-based Curriculum Framework with well defined Course outcomes (COs), Programme Specific Outcomes (PSOs) and Programme Outcomes (POs). The existing curriculum of the academic preogrammes clearly reflects the connect between COs, PSOs and POs for attainment of required learning outcomes and graduate attributes. The structure of all the academic programmes invariably reflect uniformity of pattern and design for precisely articulated outcomes, assessment patterns, skills imparted, and scalability of attainment levels. Thus, the LOCF puts forth a clear pathway to develop desired attributes among students of a certain programme through well-designed learning outcomes and thoughtfully drafted syllabus of various courses. The curriculum includes four types of courses such as core courses, two types of elective courses i.e. generic elective and discipline-centric elective courses and skill enhancement courses to fulfil the corresponding programme outcomes. The LOCF based curriculum was adopted widely in the various departments from the academic session of 2022-23, and the syllabus is uploaded on the University website under the syllabus section (http://cuh.ac.in/StudentCorner.aspx) for information of students and teachers. The sample syllabus of all the departments is accessible using the weblink: https://cuh.ac.in/StudentCorner.aspx

#### 21.Distance education/online education:

Central University of Haryana does not provide online/distance education, however we have sgnificant quality, trained manpower, state-of the art ICT infrastructure etc. to provide online as well as distance education. During the pandemic period the University successfully imparted education to students of 28 states through online education. Now, the University is also well prepared to provide distance online education. Our academic programmes are aligned with NEP 2020, LOCF, CBCS, and blended learning. We use the latest technologies and practices for distance/online education to enrich the teaching learning environment of the University. We have a regularly updated user friendly website; dedicated website of library to provide sources and services; online learning management system (LMS) which is launched from our University server itself; a dedicated cloud based server facilitate the faculty members in recording and uploading self-prepared video lectures; 5 virtual classrooms are in place for creation and development of MOOCs, videoaudio recordings, and live

webcast of lectures. The faculty profile of 189 teachers are readily accessible on IRINS portal. Turnitin software are best utilized by the students/faculty to produce plagiarism free scholarly literature. INFLIBNET's INFED service has been successfully launched to facilitate a single remote platform to access e-resources. We have the support of 151 IP based EPABX telecom system to provide telephone services to all the departments/Branches/Sections of the University. Samarth portal is well utilized for staff record management, admissions and recruitments as well. The University is fully-equipped with online proctored examination system that is in place. The University campus is completely Wi-Fi enabled and a separate Wi Fi Park has also been developed. For strong protection against the external cyber-attacks, 200+ access points with cyberoam firewall facility have been provided. Campus has been fully networked via high end intelligent CISCO switch that processes round the clock 1 GBPS leased line. All meetings/seminars/conferences are being conducted extensively utilizing free tools such as Microsoft Teams, Google Meet, etc. We also have automated the Conference Hall, Vice-Chancellor's Office and Vice-Chancellor's Camp Office, etc. for video conferencing. We are also regularly updating all urgent information required by the statutory bodies/Ministry of Education via various portals i.e. Central University portal, and NHERC portal. The MOOC titled "Food Microbiology and Food Safety" and "Food Microbiology & Safety" developed by the University faculty hosted on SWAYAM Platform are among the most popular online courses, across the country.

Extended Profile			
1.Programme			
1.1		85	
Number of programmes offered during the year:			
File Description	Documents		
Data Template	te		
1.2		34	
Number of departments offering academic programmes			
2.Student			
2.1		4612	
Number of students during the year			

File Description	Documents			
Data Template	View File			
2.2	1304			
Number of outgoing / final year students during the	e year:			
File Description	Documents			
Data Template	View File			
2.3	4091			
Number of students appeared in the University examination during the year				
File Description	Documents			
Data Template	<u>View File</u>			
2.4	433			
Number of revaluation applications during the year				
3.Academic				
3.1	2102			
Number of courses in all Programmes during the year				
File Description	Documents			
Data Template	<u>View File</u>			
3.2	233			
Number of full time teachers during the year				
File Description	Documents			
Data Template	<u>View File</u>			
3.3	266			
Number of sanctioned posts during the year				
	[			

File Description	Documents	
Data Template	<u>View File</u>	
4.Institution		
4.1	2	4772
Number of eligible applications received for admiss Programmes during the year	sions to all the	
File Description	Documents	
Data Template	<u>View File</u>	
4.2	1508	
Number of seats earmarked for reserved category a Govt. rule during the year	s per GOI/ State	
File Description	Documents	
Data Template		View File
4.3		24
Total number of classrooms and seminar halls		
4.4		110
Total number of computers in the campus for academic purpose		
4.5		730
Total expenditure excluding salary during the year (INR in lakhs)		

## Part B

#### **CURRICULAR ASPECTS**

## 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Central University of Haryana (CUH) is a cutting-edge multidisciplinary university with national and international partnership arrangements. It fosters an environment that supports high-quality instruction and creative research, resulting in the

development of knowledgeable, adept, and compassionate human resources to address current and future societal issues. The multidisciplinary and transdisciplinary approach enables the university in setting a milestone indiverse of areas. The NEP 2020 implementation project at CUH gathers its strength via thoroughly updated syllabi that attracts continuous feedbacks from all stakeholders. Theprogramme specific outcomes comprehensively reflectthe focus onlearning needs. The humanities courses help in the holistic development of students while Tourism and Hotel Management courses help fulfil the demands of the skilled work force in theareas of tourism as an industry. The structure and focus ofScience and Engineering courses is on local and global skilldemand gap covering areas of IT and informatics, Cyber Security, Big Data and Artificial Intelligence, Cloud Computing, RemoteSensing, Energy Storage Systems for electric vehicles, Electricand hybrid vehicles, Earthquake Engineering and Printing & Packaging Technology.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

## 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

1253

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 1.2 - Academic Flexibility

## 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

85

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

24

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The logo of Central University of Haryana represents the university's dedication to advancing education that instills respect for the environment, ecology, and coexisting in harmony with nature. The logo actually embodies the true essence of the institution. As a multidisciplinary university, CUH has been effective in incorporating cross-cutting problems into its curriculum, with a particular emphasis on ethics, values, gender, the environment, and sustainability. Many courses like Indian Ethos and Ethics for Information Professionals, Professional Ethics and Professional Accountability, Understanding Tourism Ethics, Values and Ethics in Business, Corporate Governance and social responsibility, Biosafety, Bioethics and IPR, etc are dealing with professional ethics. Research and publication ethics is taught to all doctoral students of science and humanities by a single university level course. Specific course content of ethical aspects is present in syllabi of various academic programmes. By incorporating these major topics into their curriculum and organising extra-curricular activities, like gender sensitization programmes, mental health day programmes, programmes for transgender communities, ethics for media practitioners to engage students with the issues and challenges

faced by the marginalized communities of the society and to develop care and empathy towards these members of the society and try to sensitize them with their rights and mainstream them into the society, the various departments, Cells & Clubs of CUH frequently promote professional ethics, human values, gender equality, and green environmental practices for a sustainable future among research academics and students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

## 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

318

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 1.3.4 - Number of students undertaking field projects / research projects / internships during the year

606

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

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## 1.4 - Feedback System

# 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 1.4.2 - Feedback processes of the institution may be classified as follows

• Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Demand Ratio

## 2.1.1.1 - Number of seats available during the year

2069

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

## 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

2009

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 2.2 - Catering to Student Diversity

## 2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Central University of Haryana adopts multiple mechanisms to assess the learning level of the students viz. 1. Performance in the entranceexamination: The entrance test conducted by the National Testing Agency (NTA) can be treated as a diagnostic test of the students. The performance therein is used for categorizing the slow and advanced learners. 2. The students are made aware of the prerequisites of courses offered to them and choose general elective courses appropriate for their interests and learning levels under the guidance of faculty members. 3. Value-added courses are also offered which may enhance the skill and work readiness of students with different learning paces. 4. The following methods are adapted to make sure that the needs of Slow Learners and advanced Learners are fulfilled: a. The newly admitted students are sensitized to the curriculum offered through CBCS & OBE in admission rounds as well as through the process of induction programs by individual departments and by the office of the Dean of Students Welfare. b. For slow learners, special coaching/remedial classes are organized throughout the semester in addition to tutorials and counseling which help them to catch up with others. c. Various programs for advanced/slow learners are undertaken through schemes for students for entry in services, schemes of coaching for SET/ NET/GATE/TOFEL/GRE examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	Nil

## 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
4612	233

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.3 - Teaching-Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-

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solving methodologies are used for enhancing learning experiences

The Central University of Haryana pursues a student-centric approach and various experiential, participatory, and problemsolving methodologies are adopted to ensure the active participation of the students in the teaching-learning process. The participatory learning activities for students are: Experiential learning Development of innovative project: Students from the various departments have actively participated in "Science Day" celebrated in CUH and displayed innovative ideas. Health awareness and community-based activity: students demonstrated their learned skills and spread awareness on and outside the campus. Students actively attended and conducted the workshop which highlighted their work readiness. Stutent also gains real-life experience from field trips, internships and industrial visits. Students regularly organize activities like blood donation camps and visits to old age homes, orphanages. Participatory learning The University gives importance to the holistic development of the students beyond the classroom through co-curricular, extra-curricular, and field-based activities. Students are encouraged to participate in inter-university competitions, technical competitions, sports competitions, and corporate competitions. Students also take the initiative to learn extra new skills through online courses. Problem-Based Learning Problem-Based Learning implements the right blend of traditional and modern teaching methodologies. Many departments are imparting critical thinking, problemsolving, and decision-making skills through Case-base learning, Problem-based learning, Bycode sessions, etc

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The Central University of Haryana follows ICT-enabled teachinglearning in addition to traditional classroom education. Accordingly, efforts are made by the institute to provide an elearning atmosphere for which, all the classrooms have ICT support and the campus is equipped with high-speed WiFi connectivity. To facilitate the learner, the Library has subscribed to various eresources and the faculty use various ICT-enabled tools to enhance the quality of teaching-learning. Some of the important ICT-enabled tools, that are routinely used are- · Turnitin (for research and assignment to check the similarity index), Google classroom (used to

manage and post course-related information-learning material), quizzes, LMS portal for self-based learning, lab submissions and evaluations, assignments etc. Virtual labs are used to conduct lab classesthrough simulations. E-data base to search the literature and research articles. Online drawing tools like concept maps, and mind maps, are used to perform student-centric activities. The PPTs, animations, and simulations are used to improve the effectiveness of the teaching-learning process. The online learning environments are designed to train students in open problem-solving activities. Lab manuals are mailed to students well in advance before the experiment is performed. Online quizzes and surveys are regularly conducted to receive feedback from the students. All the teachers use ICT tools for effective outcomes.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

233

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.4 - Teacher Profile and Quality

## 2.4.1 - Total Number of full time teachers against sanctioned posts during the year

233

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

212

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

## 2.4.3.1 - Total experience of full-time teachers

#### 1038

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

26

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 2.5 - Evaluation Process and Reforms

## 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

27

## 2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

27

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

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#### 433

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The University is striving hard to introduce the Examination Reforms through optimum integration of Information Technology (IT). The University has a well-established Examination Management System, which is carried out through a portal on the CUH domain (https://admin.cuh.ac.in/) and 'Samarth eGov' for managing key examination activities, including registration, promotion, and result declaration.

Course Registration: Central University of Haryana runs all academic programmes in regular mode in the semester system. Students register in a program through the Self-Service portal admin portal, in which the Head of the Department assigns courses to students for registration, followed by approval of the hall ticket and printing of the hall ticket by students.

Continuous evaluation: The continuous and comprehensive evaluation of Students through Internal assessment examinations on the basis of class performance, assignments. The performance of students is also evaluated through two compulsory sessional tests in each semester that are conducted by the course coordinator using IT-enabled platforms such as Moodle, e-LMS, Google Classroom, or in offline mode. In the case of Ph.D., there is 40% weightage for internal assessment and 30% weightage is assigned for internal assessment in UG/PG programs.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

In alignment to UGC Quality Mandate for Higher Education Institutions-2021 and National Education Policy-2020, Central university of Haryana rigorously revamp the curriculum of undergraduate and postgraduate. All the academic programs are following outcome based curriculum and focused on the active learning to equip students with discipline knowledge, critical thinking, problem-solving ability, communication skills, and digital capability. After graduation from the programme, we expect the course outcomes will fulfill the criteria for work readiness. Course structure and syllabus of each programme provide detailed information about scheme of instruction and evaluation. The university follows UGC guidelines regarding credits and hours. One credit theory/tutorial course is assigned 15 hours, and in case of a practical course, one credit course is assigned 60 hours per semester. The learning assessment is well defined with evaluation components, weightages of assessment and maximum marks for each course. The structured assessment of each course includes-1) two sessional tests, 2) continuous assessment and 3) term-end exam. The assessments were designed as per Bloom's taxonomy and mapped to fulfill the specific Course Outcome (CO).

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The CUH has recognized evaluation criteria to assess the attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs). The university has developed and continuously revising the curriculum for achieving outcome based leaning and evaluation procedure to define learning outcomes. The attainment of POs, PSOs, and COs is assessed by the mapping of questions in the

external examination for all the courses in the program including higher order understanding levels as per Bloom's Taxonomy. Moreover, internal continuous assessment covering the critical thinking, problem-solving ability, communication skills, and digital capability of the student. For each course, the level of attainment of each Course outcome is compared with the predefined targets, and if not attained, the course coordinator takes necessary steps for improvement. If the target criterion level is not reached, then faculty suggests for improvement to attain the same.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 2.6.3 - Number of students passed during the year

## 2.6.3.1 - Total number of final year students who passed the university examination during the year

1300

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 2.7 - Student Satisfaction Survey

## 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://www.cuh.ac.in/feedback.aspx

#### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Central University of Haryana (CUH) has a well-defined Research and development Cell for ensuring the highest quality standards in research, innovations, and extension. The research promotion initiatives started by CUH are meticulously aims at promoting scientific thinking and logic to ensure amazing research outputs in the emerging areas. The CUH has a well-equipped Central Instrumentation Centre and Centre for Innovation and Incubation (CII) which facilitate the development of the innovative ideas,

collaborative researches, high end equipment, software, journals (print and electronic), and research databases. The Central Instrumentation Centre (CIC) has three major research facilities: LC-MS (Liquid Chromatography-Mass Spectrometer), Orbitrap Q-Exactive Plus Mass Spectrometer (Thermo Fischer Scientific Pvt. Ltd). AFM (Atomic Force Microscopy) TOSCA-200, from Anton Paar GmbH, Austria 80 MHz Benchtop NMR (Nuclear Magnetic Resonance) Magritek benchtop NMR. Along with this, plant genome facility, plant growth chamber and medical biology facilities are also developed in various departments of Life sciences. Department of Chemistry, Environmental Sciences, Physics and astrophysics and the School of Interdisciplinary and Applied Sciences are DST-FIST sponsored departments. To pursue the collaborative research intensive initiatives, the University has successfully signed MoU with 50 different research institutes/Universities. Some of the initiatives of the CUH to Promote Research are Provision for Seed Money for initiating basic and fundamental research; Promotion of Interdisciplinary research culture; Appreciation Awards for the faculty excelling in research; Local and need-based research; Research incentives for publication and patents.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

#### 770646

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.1.3 - Number of teachers receiving national/international fellowship/financial support by various agencies for advanced studies/ research during the year

#### 14

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

#### 254

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.5 - Institution has the following facilities to A. Any 4 or more of the above support research Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court
Theatre Art Gallery

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.2 - Resource Mobilization for Research

# 3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

#### 46.24

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

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## 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

#### 473.63

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

#### 0.133

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 3.3 - Innovation Ecosystem

## 3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The CUH plays a pivotal role in fostering skill development, handson-trainings, entrepreneurship for the development of innovative products by guiding faculty and students via undertaking diverse applied research-based projects. At CUH, we integrate innovation into the curriculum across all fields, encompassing Engineering, Technology, Arts, Science, and Management. Furthermore, we actively encourage our alumni to establish startups in fields like Biotechnology, fabrication, Herbal products, and Functional Foods and Nutraceuticals. Our students are motivated to assess the local resources to overcome the existing societal challenges. The university assists both faculty and students in the process of patent filing, copyrights and technology dissemination among local population and also provides financial support for the innovation and entrepreneurship initiatives Annually, students of CUH showcase functional and conceptual projects on National Science Day, with the university extending financial aid for these endeavours. CUH also recognizes and rewards exceptional researchers based on their publications, patents, and contributions to research. Moreover, our institution maintains a strict policy against plagiarism, and, to uphold this, we have established departmental and university-level

committees dedicated to research ethics and plagiarism concerns. Moreover, CUH was ranked 3rd among all the universities for securing maximum patents by India today ranking. We adhere to a code of ethics in teaching and research and include a mandatory course on Research Publication and Ethics in our academic offerings.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

22

## 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

22

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

## 3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

51

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 3.4 - Research Publications and Awards

## 3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

# 3.4.1.1 - The institution has a stated Code of A. All of the above Ethics for research and the implementation of which is ensured through the following

- 1. Inclusion of research ethics in the research methodology course work
- 2. Presence of institutional Ethics committees (Animal, chemical, bioethics etc)
- 3. Plagiarism check
- 4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.4.3 - Number of Patents published/awarded during the year

## 3.4.3.1 - Total number of Patents published/awarded year wise during the year

49

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.4.4 - Number of Ph.D's awarded per teacher during the year

## 3.4.4.1 - How many Ph.D's are awarded during the year

55

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

#### 2.34

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

## 3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

#### 112

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 3.4.7 - E-content is developed by teachers For e- D. Any 2 of the above PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
23246	14789

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<u>View File</u>

## 3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
58	44

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	No File Uploaded

## 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

With strong base of expertise, CUH offers consultancy services to industries and organizations. The university has a welldefined, comprehensive and transparent policy on consultancy services. University Consultancy Cell (UCC) has been established to promote technical know-how and expertise of the faculty/staff of theUniversity. The consultancy services act as effective agent for technological, industrial and economic development in the society. The Consultancy Policy Manual specifies the rules and norms of University regarding consultancy and obligations depending upon the nature of consultancy. The salient features of the consultancy manual are: Consultancy services may be offered to industries, services, Govt. Departments and other National/International agencies in the areas of expertise; The services offered shall be along the lines of professional services; Consultancy services cover variety of activities suchas feasibility studies, technology assessments, assessment of designs and or current manufacturing process, material, energy, environmental and manpower audits, third party inspections, hardware/software development etc.; Testing and

evaluation services; Technical infrastructure/computational facilities of the university may be offered to undertake the outside work of the clients; Standardization and calibration services; All consultancy and related jobs need to be structured and executed in the spirit of promoting CUH Industry interactions.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

## 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

#### 4644752

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Central University of Haryana provides platform to faculty for organizing various outreach programmes in local communities. The applied society based research also caters the need of other districts of Haryana like Kurukshetra and Bhiwani. The students are motivated to actively participate in various co-curricular, extracurricular and outreach activities. More than eight villages have been adopted by the CUH for outreach, extension and research activities including training programme for the Anganwadi Workers (AWW), Self-Help Groups (SHGs), farmers and local community for their skill enhancement, and to start their own enterprises for economic security. Residential rural camp for farmers, women, and children in villages are also organized time-to-time. Various awareness campaigns and programmes viz., drug-addiction awareness, Swachta Abhiyan, Poshayan Abhiyan and various environmental awareness programme are being organized by different cells. Medical camps were organized in neighbourhood villages. NSS units organize various programmes like, Blood Donation Camps, one day and seven days camps, and awareness programmes viz. voter awareness and

digital literacy Campaign are organized in CUH campus and its adopted villages. Youth Red Cross unit takes the lead in organizing Blood donation camps at regular intervals. CUH is also focusing to achieve sustainable development goals (SDGs) by organizing such outreach activities.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

- 3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year
- 3.6.2.1 Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

#### nil

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

996

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.7 - Collaboration

- 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year
- 3.7.1.1 Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

25

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

49

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The Central University of Haryana has a well-developed high-tech campus of 484 acres with a lush green campus. The University presently has a nearly 1.28 lakh square metre built-up area. All the academic buildings have a sufficient number of well-equipped and fully air-conditioned lecture halls, tutorial rooms with ICT-enabled

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facilities, and laboratories with the latest equipment, computers and the latest software. The University has virtual classrooms for recording lectures, etc. The campus is fully Wi Fi and University has five libraries with an adequate number of books, journals, e-books, databases, etc. The campus has a sufficient number of computers to cater to the needs of students and faculty. The University has four auditoriums with state of the art facilities to carry out curricular and extracurricular activities. The University has sufficient boys and girls hostels with modern furniture and Wi-Fi facility.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The university aims to develop students' personalities by providing adequate infrastructure for cultural activities, yoga, games (indoor, outdoor) and sports. University has adequate infrastructure for the sports facilities. The Department of Physical Education and Sports provide necessary support and training for the students in various games. The university has spacious and well-equipped both indoor and outdoor sports facilities. The University has one main Auditorium and four mini auditoriums for organizing various academic and cultural activities. Sports Facilities: Well-established courts for games like Basketball, Cricket, Badminton, and Volleyball, Handball, Lawn Tennis, Shooting Area, Hockey, Football, Kabaddi and Kho-Kho are available. Two Football fields and 400m standard athletic tracks are available at the University. Indoor game facilities include indoor games like Badminton, Basketball courts, Table Tennis, Chess, a modern gymnasium, a yoga hall and a carrom room. Hostels are facilitated with a gymnasium, Table Tennis, play fields and board games. Such facilities are optimally utilized every day by students and staff

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 4.1.3 - Availability of general campus facilities and overall ambience

The Central University of Haryana has the following campus facility: Bank and Post Office Benches on roadsides. Bus facility for students inside the campus. Common Wi-Fi facility E-Rickshaw facility,

Gymnasium in hostels RO Drinking water facility. Shopping Plaza: shops and canteen Sitting area in between hostels Water Tanks All the buildings have primary facilities in the form of ramps, toilets, etc. Special care is taken for visually impaired students by providing necessary software and hardware support. Health Center: University's health center has one male and one female doctor with 1 nursing officer, 1 medical attendant, 1 pharmacist, 2 MPHW Male & 1 Female, 1 lab technician, 1 office attendant. A 24x7 ambulance facility is also available.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

100

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 4.2 - Library as a Learning Resource

## 4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

University Library System (Central Library, SOET Library, SOE Library, DACE Library and SOL Library) is fully automated and provides most of the resources and services in print and digital mode remotely. The Library manages its operations through Library Management Software i.e. KOHA. The issue/return of the books are done through barcoding technology. The availability of print books can be checked through the online library catalogue 24x7. The scanned and born-digital official documents are available online through CUH e-Library web portal and mobile application (www.cuh.refread.com). The e-books and e-journals can be accessed remotely. The Library manages the profiles of the faculty along with their publications on IRINS system (https://cuh.irins.org/). The Library checks for plagiarism of theses, and papers etc. using plagiarism detection software viz Turnitin. The faculty and institutional publications are well archived on the Library's Institutional Digital Repository i.e. Gyan Pravaah (https://idr.cuh.ac.in:8080/jspui/) . Library has its own website

hosted on University's website (www.library.cuh.ac.in) which gives detailed information on services and facilities.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals ebooks e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

#### 111.5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

#### 4898

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 4.3 - IT Infrastructure

## 4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

124

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Central University of Haryana has notified the policies related to ICT infrastructure i.e. IT Security policy and the e-mail Policy (Under Approval). These policies are meant to ensure the proper use of Internet and Email facilities by all the stakeholders of the University. The University uses email as a major mode of communication. The E-Mail policy lays down the guidelines with respect to use of e-mail services. The ICT Section has implemented University E-mail Services, IT Security and Network Services efficiently. The objective of this policy is to ensure secure access and usage of University e-mail and network services by its users. Users have the responsibility to use the allocated resources in an efficient, effective, lawful, and ethical manner. All services under emails/ network services are offered free of cost to all officials/faculty under Departments/Centers and students enrolled in the University. The IT section also facilitates e-governance through e-Samarth (eGov) software It may be accessed via https://cuh.samarth.ac.in/index.php/site/login.In future, the ICT Section will implement the IT Infrastructure with anincreased number of access points to 400 in upcoming Boys & Girls Hostels, Health center and Innovation Center to make the fully functional Wi-Fi campus fully functional with passive networking

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.3.3 - Student - Computer ratio during the year

	Number of Computers available to students for academic purposes
4612	1110

## **4.3.4** - Available bandwidth of internet connection in the Institution (Leased line)

• ?1 GBPS

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

### A. All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Upload the data template	<u>View File</u>

### 4.4 - Maintenance of Campus Infrastructure

## 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

#### 913.03

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The University has a well-defined policy and system in place for the maintenance and utilization of all its physical, academic and sports facilities. Maintenance of Academic Support Facilities: Classroom Management: The classrooms are the most important platforms for teaching learning activities. The classroom management isone of our primary goals, It is managed with proper systems and procedures. All classrooms are facilitated with the modern teaching learning environment. Besides seminar halls are well equipped with modern technology like the smart boards, mike systems, wi-fi facilities, and audio-video facilities for effective teaching with CCTVs installed in each seminar hall for the safety and security concerns. Maintenance and cleaning staff are deputed on a regular basis. Repairs and replacements are done as and when required. Laboratory Management: Laboratories provide practical learning and exposure to all the students. All Science department laboratories are wellequipped with advanced instruments and equipment. Lab safety

guidelines and rules are displayed in each lab. Moreover, the basic safety equipment are installed like safety showers, fire extinguishers, etc. are also placed in the buildings. Repair and maintenance for all laboratory equipment taken into consideration under special attention with the immediate approval

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### STUDENT SUPPORT AND PROGRESSION

### **5.1 - Student Support**

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

314

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

385

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene)
Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 5.2 - Student Progression

- 5.2.1 Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)
- 5.2.1.1 Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

389

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.2.2 - Total number of placement of outgoing students during the year

430

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

### 274

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.3 - Student Participation and Activities

## 5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

20

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Central University of Haryana is governed by the Central Universities Act-2009 which contains the provision of the Students' Council consisting of 40 student members (20 elected and 20 nominated on the basis of well-defined criteria). The Students Council is headed by the Dean Students Welfare. The Students Council provides ample opportunities to the students to develop leadership skills as most of the issues concerning the students are pursued by the Council in consultation with DSW and other administrative functionaries of the university. The Students Council plays a pivotal role in organisation of various student centric activities, Foundation Day and celebration of festivals manifesting unity in diversity. Twenty elected members are directly elected by the students while the remaining twenty students are nominated by the departments strictly in accordance with the

provisions of the Act, on rotation basis. Every year, the office of DSW circulates the notice regarding the departmentwise distribution of seats forthe Students Council, and the process is ordinarily completed by the month of September.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

The Alumni Association is registered and functional. Alumni Meet-24 was organized on 27.04.2024 (Saturday). Prof. Tankeshwar Kumar, Vice Chancellor of CUH was the chief guest. Prof. Sushma Yadav, Pro-VC, presides over the function. Proctor, Prof. Nand Kishore Ji, DSW, Prof. Anand Sharma, Dean of Academic Affairs Prof. Sanjeev Yadav, Registrar, Prof. Suneel Kumar, and many other teaching and nonteaching staff members attended the Alumni Meet-24. Ex-Dean of Alumni Association, Prof. Parmod Kumar was also present and addressed the students. Dr. Sudeep Kumar and Dr. Suman handled the stage. Program Started with Saraswati Vandana and University Kulgeet. CUH documentary was shown to Alumni to see the progress of university after completing their course. 129 Alumni from different states and 52 universitystaff and others participated in the events. Alumni shared their experiences. Prof. Tankeshwar Kumar ji, Vice Chancellor and Chief Guest of the occasion addressed the gathering with their motivational and inspirational words. Prof. Sushma Yadav Ji. Pro Vice-Chancelloralso addressed the gathering with her kind and wise words. She also promised to donate Rs. 21,000/- to the Alumni Association. Dean of Alumni Prof. Harish Kumar elaborated on different activities organized under the Alumni Association of CUH. Prof. Sunita Srivastava, Head Physics Department also promised to donate Rs. 11,000/- to the Alumni Association. The Alumni meet was

also addressed by DSW, and the Proctor of the university. The Alumni Meet-24 ended with a Vote of thanks delivered by Prof. Phool Singh followed by the National Anthem.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The institution has a clearly stated vision and mission, which are reflected in its academic and administrative governance

Central University of Haryana has a clearly stated vision and mission that constantly and relentlessly reflects on its academic and administrative governance, as described below:

Vision: To develop enlightened citizenship of a knowledge society for peace and prosperity of individuals, nations and the world through the promotion of innovation, creative endeavours, and scholarly inquiry.

Mission: To serve as a beacon of change, through multi-disciplinary learning, for creation of knowledge community, by building a strong character and nurturing a value-based transparent work ethics, promoting creative and critical thinking for holistic development and self-sustenance for the people of India. The University seeks to achieve this objective by cultivating an environment of excellence in teaching, research and innovation in pure and applied areas of learning.

Academic and Administrative Governance: CUH is a Central University established by Act of Parliament, and governed by Ministry of Education, Government of India and UGC. The statutory bodies of the

institute are - The University Court, Executive Council, Academic Council, Finance Committee, Building Committee, School Boards and Boards of Study.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The effective leadership is reflected in various institutional practices such as decentralization and participative management

With several statutory bodies and officers with defined roles and responsibilities, the administrative set-up of the Central University of Haryana is inherently decentralised and participative, which entails effective leadership at various levels of administration.

The University's Vice-Chancellor is the University's executive head, supported by the statutory officers such as the Registrar, Finance Officer Controller of Examinations and various administrative sections. For management and execution of academic and research activities, the Deans of the Schools and Heads of Departments perform their duties under the active guidance of the Vice Chancellor. Besides, the Standing Committee (of the Academic Council) on Academic Matters, Standing Committee (Admissions), Central Admission Advisory Committee, Dean Academic, Dean Research and Librarian contribute significantly to the planning and execution of academic/research priorities as envisioned by the university. In addition to the Academic Council, School Boards and Boards of Studies contribute significantly to academic and research planning.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

The university has a total of 85, Undergraduate, postgraduate, PhD programs, and all the programmes are learning outcomes based. It

includesinterdisciplinary multidisciplinary and value-added courses. Students are encouraged to participate in the fair/ exhibitions, oral/poster sessions of conferences/workshops, field training, etc. Examination schedules are adhered to as per the Academic Calendarof the university. In general, universities declare the results of all examinations within the 65days (average) of the lastexamination. The university promotes high-quality research byoffering awards to teachers and research scholars who published their research findings in high-impact factor journals. The Central Library of CUH has a fully automated Library system connecting 3 School of Study level libraries within the campus. The Library collection comprises a broad spectrum of academic and popular literature in print as well as in digital formats. The Library collection comprises 58,246 books, 6654 e-books, 5214 e-journals, 92 theses, 36 magazines, 17 print journals, 16 newspapers, 14 databases, and 9 software. The university has an Establishment branch to deal with the recruitment/promotions ofteaching/non-teaching staff in accordance with the UGC and centralGovt. rules. The university has 233full-time teachers and 97 non-teaching staff. The university participates in the CUET (UG), CUET(PG), and integrated Teacher Education Programme (ITEP) examination, which is a centralized admission procedure at thenational level through all India competitive examinations

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The University is governed by a well-structured mechanism consisting of statutory bodies like the University Court, Executive Council, Academic Council, Finance Committee, School Board and Board of Study, and statutory officers such as the Vice-Chancellor, Deans, Registrar, Proctor, Dean Students Welfare, Provost, Finance Officer, Controller of Examinations, Librarian, Heads of Departments and other subordinate officers/sections with defined responsibilities and delegated autonomy at various levels for smooth implementation of the policies framed by the institutional bodies.

As a whole, the administrative setup is decentralised and

participatory, which ensures efficiency and effectiveness.

The University follows UGC Regulations, as amended from time to time, for teachers' recruitment, promotion and service rules. In the case of administrative and non-teaching staff, the University complies with relevant ordinances, cadre recruitment rules and reservation roster prepared by the UGC/MoE/Government of India guidelines.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.2.3 - Institution Implements e-governance in its areas of operations

## 6.2.3.1 - e-governance is implemented covering A. All of the above following areas of operation

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### **6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Appraisal system: Through IQAC, the university organises Annual presentations for departments and individual faculty to be reviewed by a panel of experts (including external experts). Annual academic audits and awards for excellence also enhance quality.

Promotional Avenues: The university follows UGC Regulations, as amended from time to time, for recruitment, promotion and service rules of teachers. The University complies with relevant ordinances and cadre recruitment rules for administrative and non-teaching

### staff.

Welfare Measures: The University takes care of the holistic health of its employees through the Medical Health Centre by providing support for physical and mental health. It also provides professional support for yoga and related therapies, and cashless medical cards have been provided to all employees in case they need expert medical help.

The university accommodates more than 150 employees on campus and has a fully functional residential welfare association to address their needs. Guest House facility is available to employees to cater to their personal and professional needs. The university provides seed money, fellowship leaves, and financial assistance to its employees for attending conferences, membership fees, etc. These facilities are also extended to outsource university employees. The university is also committed to the welfare of the surrounding communities and villages.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

38

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation /

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### **Induction Programmes Refresher Course, Short Term Course)**

#### 341

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Central University of Haryana has a well-established process for optimal mobilisation and utilisation of resources to achieve desired outcomes. The University receives financial grants/research grants from various government and non - government agencies such as the Ministry of Education, GOI, UGC, Higher Education Funding Agency and various research funding agencies such as DST, DBT, ICMR, etc.

### Central fund-generating avenues are:

- Grant in aid General (Recurring) from UGC and MoE Grant in aid Salary (Head) from UGC and MoE
- Grant in aid Capital assets (Non-Recurring) from UGC and MoE Infrastructure development fund from HEFA
- Tuition fees collected from students, Campus development and other activity charges collected from students
- Funds received by Faculty members from various Government and non-government agencies for research projects and consultancy
- Funds generated through interest earned on corpus funds, endowments, Alumni contribution

Besides, the University adopted the following measures for optimum utilisation of resources: The University has implemented egovernance in all spheres of planning and development. Wastewater in campus is being treated and reused for watering the gardens and plants with the help of a fully functional sewage treatment plant. Concepts of Green Building, Photovoltaic roof structures and solar trees for harnessing solar energy to guide the campus development; Conservation of energy through utilisation of LED bulbs, BEE

standard electrical appliances and solar panels; Passive solar design for natural heating and cooling to optimise heat and AC system.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

#### 8415

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	<u>View File</u>

### 6.4.4 - Institution conducts internal and external financial audits regularly

The Central University of Haryana has a financial audit regulatory system as per the financial guidelines laid down by UGC and the government of India. The University has an effective Audit system, ensuring the reliability of financial reporting, safeguarding the assets and compliance with the rules and regulations. Audit ensures proper utilisation of funds/grants within the framework of University statutes/ordinances and GFR/other Government rules

The University's Financial Audit is under the purview of India's Comptroller and Auditor General (CAG). Audit of expenditure examines and verifies whether adequate, proper and sound systems and procedures are in place and are being complied with, both in letter and spirit, for spending public money. All the university's financial accounts, including transaction vouchers and balance

sheets, are audited by the CAG team annually, and they are distributed over a span of 15 days each. Observations, if any, brought out by the Audit in improving the financial transactions are taken care of and implemented according to the satisfaction of the audit, and the compliance of audit observation is shown to the next audit for dropping the observations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

CUH has a well-established IQAC, having a well-structured IQAC committee consisting of Vice Chancellor (Chairman) Deans, HODs, faculty members, and members representing Executive Council, Industry, Local Society, Alumni, students, and employers. IQAC is active from 20th Aug 2015. It has contributed significantly to the quality of teaching and research. The committee comprises IQAC director, concerned dean and the external expert to review the annual performance of the department and faculty.

- I. Implementation of NEP 2020: CBCS, OBCurriculum Framework for all programmes, inclusion of IKS and value added courses for the upliftment of the students.
- II.Audits and presentations by faculty & Departments to improve teaching and research quality of the faculty members
- III. Student Awards: To encourage the students awards are awarded every year to the students in each school on the basis of commutative score in that calendar year.
- IV. Annual Academic Auditis a unique feature of the university to evaluate the department performance by a committee.
- v. Seed grant: The newly appointed faculty is provided with seed grant of up Rs. 2.00 Lacs
- vi. Support to attend conference and membership fee of professional bodies: Upt0 1.5 lakh for international and 20000/- for national conferences once in 3 years

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.5.2 - Institution has adopted the following for A. Any 5 or all of the above Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting documnent	No File Uploaded

- 6.5.3 Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)
- i- Filling of Vacant Teaching Positions: The number has increased from 55 to 233 across various departments. Nonteaching positions were also filled. Besides, University has also processed the applications for promotion of teachers under CAS.
- ii Financial support for attending conference and Membership: University has a policy in place to financially support faculty for participating in conferences, seminars, workshops. An assistance up to INR 1.5 Lakhs is given to faculty members over a period of three years.
- iii National Academic Depository, Multiple Entry Exit policy, Integrated courses: University has introduced integrated programmes with multiple entry/exit options and has registered for the Academic Bank of Credits for smooth transfer of the credits earned by the students.
- iv- Innovation led education: The CUH is providing support to file the patents that resulted in grant of 37 IPRs during last 2 years

Similarly, consultancy projects have jumped to 338 during 23-24 after implementation of Consultancy rules in the CUH

v. Coaching classes for UPSC-Dr. Ambedkar Center of Excellence (DACE) to provided high-quality free coaching facilities to 196 SC/ST/OBC students for the Civil Services examination conducted by UPSC and other competitive examinations.

vi. UGC-MMTTC: The MMTT center has trained more than 1000 teachers

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Central University of Haryana prioritizes gender equity and safety, especially for female students and employees. The campus is secured with female security staff, CCTV surveillance, and manned gates. Gender sensitivity is promoted through the Women Empowerment Cell and Sexual Harassment Prevention Cell, which conduct counseling and awareness programs. Grievances are promptly addressed by the Internal Complaint Committee (ICC). The university engages the community through workshops, panel discussions, and cultural activities, fostering gender equity. For girl students, the university ensures 24/7 safety with security guards, wardens, and CCTV surveillance in hostels. Sanitary pad vending machines are installed, and a 5% attendance relaxation for menstrual leave is provided. Students have faculty mentors and access to counseling services, common rooms, and wellness clinics to address psychosocial needs. The Women Empowerment Cell organized a debate on "Naye Bharat Ko Salam" discussing India's soft power, social and cultural developments, and challenges like unemployment. The Cell also celebrated International Girl Child Day, discussing issues related to girl children and providing basic self-defense and cybercrime awareness training. The university's holistic approach fosters a safe and empowering environment for all on campus.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://drive.google.com/file/d/1P0if8FKKQVb v-5IC908LbIVnsU2ryv9a/view?usp=drive link

# 7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste management has become one of the most important parameters in the development of sustainable University campus. With the aim to adhere to Swachh Bharat Abhiyaan of, Government of India, the University is committed to ensure to build sustainable infrastructure. In this direction, the University has taken several initiatives in the management of waste arising from the academic or administrative blocks, hostels and residential complexes of the University. The University takes due care in management of various types of wastes generated in the campus. Solid waste generated from horticulture operations is collected and decomposed in pits and put back in soil; liquid waste (sewage) of the University is treated in Sewage Treatment Plant (STP) and used for horticulture purpose. The hazardous and biomedical waste is being collected by government approved agency from the premises twice a week for further disposal.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.5 - Green campus initiatives include

- 7.1.5.1 The institutional initiatives for greening the campus are as follows:
- A. Any 4 or All of the above
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

- 7.1.6.1 The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
- D. Any 1 of the above

- 1. Green audit
- 2. Energy audit
- 3. Environment audit
- 4. Clean and green campus recognitions/awards
- **5. Beyond the campus environmental promotional activities**

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

University Cherished uniqueness with students from diverse socio cultural backgrounds from all over the country. The University takes several steps to promote imparting tolerance and harmony. Mentormentee initiatives help promote the participation of every team member in a class and in identifying their strengths. The evidence of success is seen in the increased participation of students as a team in symposia, sports, National Social Service (NSS), Youth Red Cross and other similar activities. For instance, a group of NSS volunteers work with great commitment for Swatch Bharat Abhiyan and travel to different nearby villages of Central University of Haryana in groups and carry out the cleaning of public places, periodically. The enrolment of more than 46% students from rest 25 different States and Union Territories of India is a testimony to the commitment of the University to excel in academics, research, innovation and extension activities. Vision to celebrate diversity also gets manifested (in the University's initiatives towards Ek Bharat Shrestha Bharat wherein the University organizes special events to promote cultural and regional diversity. Thus, the university is continuously going towards to achieve the mission of promoting cultural and gender diversity.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The Central University of Haryana undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligations viz. values, rights, duties, and responsibilities of citizens through the celebration of Republic Day, Independence Day, Constitution Day, organizing workshops/ seminars/ expert talks on Universal Human Values and professional ethics, etc. Students are encouraged to participate in various competitions such as essay competitions, writing contests, debates, etc. Central University of Haryana has also started courses on "Constitutional Law and Human Rights" as an open elective course for the students to inculcate the constitutional obligations, values, rights, duties, and responsibilities. In addition to this, we also organize various sensitization and awareness programs on Human Rights, Fundamental Rights, legal, traffic awareness and CivilSafety, Values, etc. On all important occasions and functions, the national anthem is played to inculcate the feeling of oneness and respect for our Nation, culture, and its constitution. Environment Day is celebrated and a pledge is taken by all stakeholders to develop a sense of responsibility towards preserving and saving the environment for ourselves and the coming generation. 'Akandh Path' and 'Havan Yagya' are also solemnized on the campus to inculcate communal harmony among the University community.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

CUH believes in celebrating events and festivals representing diversified regions cultures and religions it builds a strong cultural belief in a student. The events and festivals organized at university are often celebrated with great pomp and gaiety. CUH celebrates National and International days enthusiastically every year. All staff members and students gather in the university to celebrate these days. Celebration of cultural and constitutional festivals is an integral part of our co-curricular activities. Throughout the session, different days are celebrated by students with the guidance of teachers which help them to know about different cultures and to cognitively imagine India as a nation. The University realizes the importance of remembering the national and international commemorative days and makes sure to engage the students and staff in the celebrations. The University actively celebrates Birthdays and Death Anniversaries like Gandhi Jayanti, Dr. Bhim Rao Ambedkar Jayanti, Vivekanand Jayanti, Teacher's Day, Environment- Week, Ozone Day, etc. just to mention a few. The Women's Cell of the University makes sure to plan some programs to sensitize the masses on Women's Day and International Girl Child Day every year.

### Part B

#### **CURRICULAR ASPECTS**

### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Central University of Haryana (CUH) is a cutting-edge multidisciplinary university with national and international partnership arrangements. It fosters an environment that supports high-quality instruction and creative research, resulting in the development of knowledgeable, adept, and compassionate human resources to address current and future societal issues. The multi-disciplinary and transdisciplinary approach enables the university in setting a milestone indiverse of areas. The NEP 2020 implementation project at CUH gathers its strength via thoroughly updated syllabi that attracts continuous feedbacks from all stakeholders. The programme specific outcomes comprehensively reflect the focus onlearning needs. The humanities courses help in the holistic development of students while Tourism and Hotel Management courses help fulfil the demands of the skilled work force in theareas of tourism as an industry. The structure and focus ofScience and Engineering courses is on local and global skilldemand gap covering areas of IT and informatics, Cyber Security, Big Data and Artificial Intelligence, Cloud Computing, RemoteSensing, Energy Storage Systems for electric vehicles, Electricand hybrid vehicles, Earthquake Engineering and Printing & Packaging Technology.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

## 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

1253

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 1.2 - Academic Flexibility

## 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

85

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

24

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The logo of Central University of Haryana represents the university's dedication to advancing education that instills respect for the environment, ecology, and coexisting in harmony with nature. The logo actually embodies the true essence of the institution. As a multidisciplinary university, CUH has been

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effective in incorporating cross-cutting problems into its curriculum, with a particular emphasis on ethics, values, gender, the environment, and sustainability. Many courses like Indian Ethos and Ethics for Information Professionals, Professional Ethics and Professional Accountability, Understanding Tourism Ethics, Values and Ethics in Business, Corporate Governance and social responsibility, Biosafety, Bioethics and IPR, etc are dealing with professional ethics. Research and publication ethics is taught to all doctoral students of science and humanities by a single university level course. Specific course content of ethical aspects is present in syllabi of various academic programmes. By incorporating these major topics into their curriculum and organising extra-curricular activities, like gender sensitization programmes, mental health day programmes, programmes for transgender communities, ethics for media practitioners to engage students with the issues and challenges faced by the marginalized communities of the society and to develop care and empathy towards these members of the society and try to sensitize them with their rights and mainstream them into the society, the various departments, Cells & Clubs of CUH frequently promote professional ethics, human values, gender equality, and green environmental practices for a sustainable future among research academics and students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

## 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

318

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 1.3.4 - Number of students undertaking field projects / research projects / internships during the year

606

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 1.4 - Feedback System

## 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## **1.4.2 - Feedback processes of the institution** may be classified as follows

• Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

### 2.1.1 - Demand Ratio

### 2.1.1.1 - Number of seats available during the year

2069

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

### 2009

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 2.2 - Catering to Student Diversity

### 2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Central University of Haryana adopts multiple mechanisms to assess the learning level of the students viz. 1. Performance in the entranceexamination: The entrance test conducted by the National Testing Agency (NTA) can be treated as a diagnostic test of the students. The performance therein is used for categorizing the slow and advanced learners. 2. The students are made aware of the prerequisites of courses offered to them and choose general elective courses appropriate for their interests and learning levels under the guidance of faculty members. 3. Value-added courses are also offered which may enhance the skill and work readiness of students with different learning paces. 4. The following methods are adapted to make sure that the needs of Slow Learners and advanced Learners are fulfilled: a. The newly admitted students are sensitized to the curriculum offered through CBCS & OBE in admission rounds as well as through the process of induction programs by individual departments and by the office of the Dean of Students Welfare. b. For slow learners, special coaching/remedial classes are organized throughout the semester in addition to tutorials and counseling which help them to catch up with others. c. Various programs for advanced/slow learners are undertaken through schemes for students for entry in services, schemes of coaching for SET/ NET/GATE/TOFEL/GRE

#### examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	Nil

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
4612	233

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problemsolving methodologies are used for enhancing learning experiences

The Central University of Haryana pursues a student-centric approach and various experiential, participatory, and problemsolving methodologies are adopted to ensure the active participation of the students in the teaching-learning process. The participatory learning activities for students are: Experiential learning Development of innovative project: Students from the various departments have actively participated in "Science Day" celebrated in CUH and displayed innovative ideas. Health awareness and community-based activity: students demonstrated their learned skills and spread awareness on and outside the campus. Students actively attended and conducted the workshop which highlighted their work readiness. Stutent also gains real-life experience from field trips, internships and industrial visits. Students regularly organize activities like blood donation camps and visits to old age homes, orphanages. Participatory learning The University gives importance to the holistic development of the students beyond the classroom through co-curricular, extra-curricular, and field-based activities. Students are encouraged to participate in inter-university competitions, technical competitions, sports competitions, and corporate competitions. Students also take the initiative to learn extra new skills through online courses. Problem-Based

Learning Problem-Based Learning implements the right blend of traditional and modern teaching methodologies. Many departments are imparting critical thinking, problemsolving, and decisionmaking skills through Case-base learning, Problem-based learning, Bycode sessions, etc

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The Central University of Haryana follows ICT-enabled teachinglearning in addition to traditional classroom education. Accordingly, efforts are made by the institute to provide an elearning atmosphere for which, all the classrooms have ICT support and the campus is equipped with high-speed WiFi connectivity. To facilitate the learner, the Library has subscribed to various e-resources and the faculty use various ICTenabled tools to enhance the quality of teaching-learning. Some of the important ICT-enabled tools, that are routinely used are-· Turnitin (for research and assignment to check the similarity index), Google classroom (used to manage and post course-related information-learning material), quizzes, LMS portal for selfbased learning, lab submissions and evaluations, assignments etc. Virtual labs are used to conduct lab classesthrough simulations. E-data base to search the literature and research articles. Online drawing tools like concept maps, and mind maps, are used to perform student-centric activities. The PPTs, animations, and simulations are used to improve the effectiveness of the teachinglearning process. The online learning environments are designed to train students in open problem-solving activities. Lab manuals are mailed to students well in advance before the experiment is performed. Online quizzes and surveys are regularly conducted to receive feedback from the students. All the teachers use ICT tools for effective outcomes.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

### 2.3.3.1 - Number of mentors

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### 233

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.4 - Teacher Profile and Quality

### 2.4.1 - Total Number of full time teachers against sanctioned posts during the year

### 233

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

#### 212

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

### 2.4.3.1 - Total experience of full-time teachers

### 1038

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

26

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 2.5 - Evaluation Process and Reforms

## 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

27

## 2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

27

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

433

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The University is striving hard to introduce the Examination Reforms through optimum integration of Information Technology (IT). The University has a well-established Examination Management System, which is carried out through a portal on the CUH domain (https://admin.cuh.ac.in/) and 'Samarth eGov' for managing key examination activities, including registration, promotion, and result declaration.

Course Registration: Central University of Haryana runs all academic programmes in regular mode in the semester system. Students register in a program through the Self-Service portal

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admin portal, in which the Head of the Department assigns courses to students for registration, followed by approval of the hall ticket and printing of the hall ticket by students.

Continuous evaluation: The continuous and comprehensive evaluation of Students through Internal assessment examinations on the basis of class performance, assignments. The performance of students is also evaluated through two compulsory sessional tests in each semester that are conducted by the course coordinator using IT-enabled platforms such as Moodle, e-LMS, Google Classroom, or in offline mode. In the case of Ph.D., there is 40% weightage for internal assessment and 30% weightage is assigned for internal assessment in UG/PG programs.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

In alignment to UGC Quality Mandate for Higher Education Institutions-2021 and National Education Policy-2020, Central university of Haryana rigorously revamp the curriculum of undergraduate and postgraduate. All the academic programs are following outcome based curriculum and focused on the active learning to equip students with discipline knowledge, critical thinking, problem-solving ability, communication skills, and digital capability. After graduation from the programme, we expect the course outcomes will fulfill the criteria for work readiness. Course structure and syllabus of each programme provide detailed information about scheme of instruction and

evaluation. The university follows UGC guidelines regarding credits and hours. One credit theory/tutorial course is assigned 15 hours, and in case of a practical course, one credit course is assigned 60 hours per semester. The learning assessment is well defined with evaluation components, weightages of assessment and maximum marks for each course. The structured assessment of each course includes-1) two sessional tests, 2) continuous assessment and 3) term-end exam. The assessments were designed as per Bloom's taxonomy and mapped to fulfill the specific Course Outcome (CO).

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The CUH has recognized evaluation criteria to assess the attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs). The university has developed and continuously revising the curriculum for achieving outcome based leaning and evaluation procedure to define learning outcomes. The attainment of POs, PSOs, and COs is assessed by the mapping of questions in the external examination for all the courses in the program including higher order understanding levels as per Bloom's Taxonomy. Moreover, internal continuous assessment covering the critical thinking, problem-solving ability, communication skills, and digital capability of the student. For each course, the level of attainment of each Course outcome is compared with the predefined targets, and if not attained, the course coordinator takes necessary steps for improvement. If the target criterion level is not reached, then faculty suggests for improvement to attain the same.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 2.6.3 - Number of students passed during the year

## 2.6.3.1 - Total number of final year students who passed the university examination during the year

1300

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File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 2.7 - Student Satisfaction Survey

## 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://www.cuh.ac.in/feedback.aspx

### RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Central University of Haryana (CUH) has a well-defined Research and development Cell for ensuring the highest quality standards in research, innovations, and extension. The research promotion initiatives started by CUH are meticulously aims at promoting scientific thinking and logic to ensure amazing research outputs in the emerging areas. The CUH has a well-equipped Central Instrumentation Centre and Centre for Innovation and Incubation (CII) which facilitate the development of the innovative ideas, collaborative researches, high end equipment, software, journals (print and electronic), and research databases. The Central Instrumentation Centre (CIC) has three major research facilities: LC-MS (Liquid Chromatography-Mass Spectrometer), Orbitrap Q-Exactive Plus Mass Spectrometer (Thermo Fischer Scientific Pvt. Ltd). AFM (Atomic Force Microscopy) TOSCA-200, from Anton Paar GmbH, Austria 80 MHz Benchtop NMR (Nuclear Magnetic Resonance) Magritek benchtop NMR. Along with this, plant genome facility, plant growth chamber and medical biology facilities are also developed in various departments of Life sciences. Department of Chemistry, Environmental Sciences, Physics and astrophysics and the School of Interdisciplinary and Applied Sciences are DST-FIST sponsored departments. To pursue the collaborative research intensive initiatives, the University has successfully signed MoU with 50 different research institutes/Universities. Some of the initiatives of the CUH to Promote Research are Provision for Seed Money for initiating basic and fundamental research; Promotion of Interdisciplinary research culture; Appreciation Awards for the faculty excelling in research; Local and need-based research;

### Research incentives for publication and patents.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

### 770646

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.1.3 - Number of teachers receiving national/international fellowship/financial support by various agencies for advanced studies/ research during the year

### 14

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

## 3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

### 254

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

46.24

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

473.63

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

## 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.133

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The CUH plays a pivotal role in fostering skill development, hands-on-trainings, entrepreneurship for the development of innovative products by guiding faculty and students via undertaking diverse applied research-based projects. At CUH, we integrate innovation into the curriculum across all fields, encompassing Engineering, Technology, Arts, Science, and Management. Furthermore, we actively encourage our alumni to establish startups in fields like Biotechnology, fabrication, Herbal products, and Functional Foods and Nutraceuticals. Our students are motivated to assess the local resources to overcome the existing societal challenges. The university assists both faculty and students in the process of patent filing, copyrights and technology dissemination among local population and also provides financial support for the innovation and entrepreneurship initiatives Annually, students of CUH showcase functional and conceptual projects on National Science Day, with the university extending financial aid for these endeavours. CUH also recognizes and rewards exceptional researchers based on their publications, patents, and contributions to research. Moreover, our institution maintains a strict policy against plagiarism, and, to uphold this, we have established departmental and university-level committees dedicated to research ethics and plagiarism concerns. Moreover, CUH was ranked 3rd among all the universities for securing maximum patents by India today ranking . We adhere to a code of ethics in teaching and research and include a mandatory course on Research Publication and Ethics in our academic offerings.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

## 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

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22

### 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

22

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

- 3.3.3 Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year
- 3.3.3.1 Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

51

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

#### 3.4 - Research Publications and Awards

#### 3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

- 3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following
- A. All of the above
- 1. Inclusion of research ethics in the research methodology course work
- 2. Presence of institutional Ethics committees (Animal, chemical, bioethics etc)
- 3. Plagiarism check
- 4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards
Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

#### A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4.3 - Number of Patents published/awarded during the year

### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

49

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4.4 - Number of Ph.D's awarded per teacher during the year

### 3.4.4.1 - How many Ph.D's are awarded during the year

55

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

#### 2.34

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

### 3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

#### 112

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

D. Any 2 of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
23246	14789

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	<u>View File</u>

### 3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-

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### **Index of the University**

Scopus	Web of Science
58	44

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	No File Uploaded

### 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

With strong base of expertise, CUH offers consultancy services to industries and organizations. The university has a welldefined, comprehensive and transparent policy on consultancy services. University Consultancy Cell (UCC) has been established to promote technical know-how and expertise of the faculty/staff of theUniversity. The consultancy services act as effective agent for technological, industrial and economic development in the society. The Consultancy Policy Manual specifies the rules and norms of University regarding consultancy and obligations depending upon the nature of consultancy. The salient features of the consultancy manual are: Consultancy services may be offered to industries, services, Govt. Departments and other National/International agencies in the areas of expertise; The services offered shall be along the lines of professional services; Consultancy services cover variety of activities suchas feasibility studies, technology assessments, assessment of designs and or current manufacturing process, material, energy, environmental and manpower audits, third party inspections, hardware/software development etc.; Testing and evaluation services; Technical infrastructure/computational facilities of the university may be offered to undertake the outside work of the clients; Standardization and calibration services; All consultancy and related jobs need to be structured and executed in the spirit of promoting CUH Industry interactions.

]	File Description	Documents
	Upload relevant supporting document	<u>View File</u>

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

### 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

#### 4644752

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Central University of Haryana provides platform to faculty for organizing various outreach programmes in local communities. The applied society based research also caters the need of other districts of Haryana like Kurukshetra and Bhiwani. The students are motivated to actively participate in various co-curricular, extracurricular and outreach activities. More than eight villages have been adopted by the CUH for outreach, extension and research activities including training programme for the Anganwadi Workers (AWW), Self-Help Groups (SHGs), farmers and local community for their skill enhancement, and to start their own enterprises for economic security. Residential rural camp for farmers, women, and children in villages are also organized time-to-time. Various awareness campaigns and programmes viz., drug-addiction awareness, Swachta Abhiyan, Poshayan Abhiyan and various environmental awareness programme are being organized by different cells. Medical camps were organized in neighbourhood villages. NSS units organize various programmes like, Blood Donation Camps, one day and seven days camps, and awareness programmes viz. voter awareness and digital literacy Campaign are organized in CUH campus and its adopted villages. Youth Red Cross unit takes the lead in organizing Blood donation camps at regular intervals. CUH is also focusing to achieve sustainable development goals (SDGs) by organizing such outreach activities.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

- 3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year
- 3.6.2.1 Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

nil

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	No File Uploaded

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

996

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.7 - Collaboration

- 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year
- 3.7.1.1 Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

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25

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

49

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The Central University of Haryana has a well-developed high-tech campus of 484 acres with a lush green campus. The University presently has a nearly 1.28 lakh square metre built-up area. All the academic buildings have a sufficient number of well-equipped and fully air-conditioned lecture halls, tutorial rooms with ICT-enabled facilities, and laboratories with the latest equipment, computers and the latest software. The University has virtual classrooms for recording lectures, etc. The campus is fully Wi Fi and University has five libraries with an adequate number of books, journals, e- books, databases, etc. The campus has a sufficient number of computers to cater to the needs of students and faculty. The University has four auditoriums with state of the art facilities to carry out curricular and extracurricular activities. The University has sufficient boys and girls hostels with modern furniture and Wi-Fi facility.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The university aims to develop students' personalities by providing adequate infrastructure for cultural activities, yoga, games (indoor, outdoor) and sports. University has adequate infrastructure for the sports facilities. The Department of Physical Education and Sports provide necessary support and training for the students in various games. The university has spacious and well-equipped both indoor and outdoor sports facilities. The University has one main Auditorium and four mini auditoriums for organizing various academic and cultural activities. Sports Facilities: Well-established courts for games like Basketball, Cricket, Badminton, and Volleyball, Handball, Lawn Tennis, Shooting Area, Hockey, Football, Kabaddi and Kho-Kho are available. Two Football fields and 400m standard athletic tracks are available at the University. Indoor game facilities include indoor games like Badminton, Basketball courts, Table Tennis, Chess, a modern gymnasium, a yoga hall and a carrom room. Hostels are facilitated with a gymnasium, Table Tennis, play fields and board games. Such facilities are optimally utilized every day by students and staff

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 4.1.3 - Availability of general campus facilities and overall ambience

The Central University of Haryana has the following campus facility: Bank and Post Office Benches on roadsides. Bus facility for students inside the campus. Common Wi-Fi facility E-Rickshaw facility, Gymnasium in hostels RO Drinking water facility. Shopping Plaza: shops and canteen Sitting area in between hostels Water Tanks All the buildings have primary facilities in the form of ramps, toilets, etc. Special care is taken for visually impaired students by providing necessary software and hardware support. Health Center: University's health center has one male and one female doctor with 1 nursing officer, 1 medical attendant, 1 pharmacist, 2 MPHW Male & 1 Female, 1 lab technician, 1 office attendant. A 24x7 ambulance facility is also available.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

100

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

University Library System (Central Library, SOET Library, SOE Library, DACE Library and SOL Library) is fully automated and provides most of the resources and services in print and digital mode remotely. The Library manages its operations through Library Management Software i.e. KOHA. The issue/return of the books are done through barcoding technology. The availability of print books can be checked through the online library catalogue 24x7. The scanned and born-digital official documents are available online through CUH e-Library web portal and mobile application (www.cuh.refread.com). The e-books and e-journals can be accessed remotely. The Library manages the profiles of the faculty along with their publications on IRINS system (https://cuh.irins.org/). The Library checks for plagiarism of theses, and papers etc. using plagiarism detection software viz Turnitin. The faculty and institutional publications are well archived on the Library's Institutional Digital Repository i.e. Gyan Pravaah (https://idr.cuh.ac.in:8080/jspui/) . Library has its own website hosted on University's website (www.library.cuh.ac.in) which gives detailed information on services and facilities.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals ebooks e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

#### 111.5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

#### 4898

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 4.3 - IT Infrastructure

### 4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

#### 124

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

Central University of Haryana has notified the policies related to ICT infrastructure i.e. IT Security policy and the e-mail Policy (Under Approval). These policies are meant to ensure the proper use of Internet and Email facilities by all the stakeholders of the University. The University uses email as a major mode of communication. The E-Mail policy lays down the guidelines with respect to use of e-mail services. The ICT

Section has implemented University E-mail Services, IT Security and Network Services efficiently. The objective of this policy is to ensure secure access and usage of University e-mail and network services by its users. Users have the responsibility to use the allocated resources in an efficient, effective, lawful, and ethical manner. All services under emails/ network services are offered free of cost to all officials/faculty under Departments/Centers and students enrolled in the University. The IT section also facilitates e-governance through e-Samarth (eGov) software It may be accessed via

https://cuh.samarth.ac.in/index.php/site/login.In future, the ICT Section will implement the IT Infrastructure with anincreased number of access points to 400 in upcoming Boys & Girls Hostels, Health center and Innovation Center to make the fully functional Wi-Fi campus fully functional with passive networking

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
4612	1110

### **4.3.4** - Available bandwidth of internet connection in the Institution (Leased line)

• ?1 GBPS

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Upload the data template	<u>View File</u>

### 4.4 - Maintenance of Campus Infrastructure

### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

#### 913.03

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The University has a well-defined policy and system in place for the maintenance and utilization of all its physical, academic and sports facilities. Maintenance of Academic Support Facilities: Classroom Management: The classrooms are the most important platforms for teaching learning activities. The classroom management isone of our primary goals, It is managed with proper systems and procedures. All classrooms are facilitated with the modern teaching learning environment. Besides seminar halls are well equipped with modern technology like the smart boards, mike systems, wi-fi facilities, and audio-video facilities for effective teaching with CCTVs installed in each seminar hall for the safety and security concerns. Maintenance and cleaning staff are deputed on a regular basis. Repairs and replacements are done as and when required. Laboratory Management: Laboratories provide practical learning and exposure to all the students. All Science department laboratories are well-equipped with advanced instruments and equipment. Lab safety guidelines and rules are displayed in each lab. Moreover, the basic safety equipment are installed like safety showers, fire extinguishers, etc. are also placed in the buildings. Repair and maintenance for all laboratory equipment taken into consideration under special attention with the immediate approval

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

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### 5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

314

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

385

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

# 5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 5.2 - Student Progression

### 5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

### 5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

389

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.2.2 - Total number of placement of outgoing students during the year

430

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

274

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	View File

### 5.3 - Student Participation and Activities

### **5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a**

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#### team event should be counted as one) during the year

20

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Central University of Haryana is governed by the Central Universities Act-2009 which contains the provision of the Students' Council consisting of 40 student members (20 elected and 20 nominated on thebasis of well-defined criteria). The Students Council is headed by the Dean Students Welfare. The StudentsCouncil provides ample opportunities to the students to develop leadership skills as most of the issuesconcerning the students are pursued by the Council in consultation with DSW and other administrativefunctionaries of the university. The Students Council plays a pivotal role in organisation of various studentcentricactivities, Foundation Day and celebration of festivals manifesting unity in diversity. Twenty elected members are directly elected by the students while the remaining twenty students are nominated by the departments strictly in accordance with the provisions of the Act, on rotation basis. Every year, the office of DSW circulates the notice regarding the departmentwise distribution of seats forthe Students Council, and the process is ordinarily completed by the month of September.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

The Alumni Association is registered and functional. Alumni Meet-24 was organized on 27.04.2024 (Saturday). Prof. Tankeshwar Kumar, Vice Chancellor of CUH was the chief guest. Prof. Sushma Yadav, Pro-VC, presides over the function. Proctor, Prof. Nand Kishore Ji, DSW, Prof. Anand Sharma, Dean of Academic Affairs Prof. Sanjeev Yadav, Registrar, Prof. Suneel Kumar, and many other teaching and non-teaching staff members attended the Alumni Meet-24. Ex-Dean of Alumni Association, Prof. Parmod Kumar was also present and addressed the students. Dr. Sudeep Kumar and Dr. Suman handled the stage. Program Started with Saraswati Vandana and University Kulgeet. CUH documentary was shown to Alumni to see the progress of university after completing their course. 129 Alumni from different states and 52 universitystaff and others participated in the events. Alumni shared their experiences. Prof. Tankeshwar Kumar ji, Vice Chancellor and Chief Guest of the occasion addressed the gathering with their motivational and inspirational words. Prof. Sushma Yadav Ji. Pro Vice-Chancelloralso addressed the gathering with her kind and wise words. She also promised to donate Rs. 21,000/- to the Alumni Association. Dean of Alumni Prof. Harish Kumar elaborated on different activities organized under the Alumni Association of CUH. Prof. Sunita Srivastava, Head Physics Department also promised to donate Rs. 11,000/- to the Alumni Association. The Alumni meet was also addressed by DSW, and the Proctor of the university. The Alumni Meet-24 ended with a Vote of thanks delivered by Prof. Phool Singh followed by the National Anthem.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### **5.4.2 - Alumni contribution during the year** (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

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### 6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The institution has a clearly stated vision and mission, which are reflected in its academic and administrative governance

Central University of Haryana has a clearly stated vision and mission that constantly and relentlessly reflects on its academic and administrative governance, as described below:

Vision: To develop enlightened citizenship of a knowledge society for peace and prosperity of individuals, nations and the world through the promotion of innovation, creative endeavours, and scholarly inquiry.

Mission: To serve as a beacon of change, through multidisciplinary learning, for creation of knowledge community, by building a strong character and nurturing a value-based transparent work ethics, promoting creative and critical thinking for holistic development and self-sustenance for the people of India. The University seeks to achieve this objective by cultivating an environment of excellence in teaching, research and innovation in pure and applied areas of learning.

Academic and Administrative Governance: CUH is a Central University established by Act of Parliament, and governed by Ministry of Education, Government of India and UGC. The statutory bodies of the institute are - The University Court, Executive Council, Academic Council, Finance Committee, Building Committee, School Boards and Boards of Study.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The effective leadership is reflected in various institutional practices such as decentralization and participative management

With several statutory bodies and officers with defined roles and responsibilities, the administrative set-up of the Central University of Haryana is inherently decentralised and

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participative, which entails effective leadership at various levels of administration.

The University's Vice-Chancellor is the University's executive head, supported by the statutory officers such as the Registrar, Finance Officer Controller of Examinations and various administrative sections. For management and execution of academic and research activities, the Deans of the Schools and Heads of Departments perform their duties under the active guidance of the Vice Chancellor. Besides, the Standing Committee (of the Academic Council) on Academic Matters, Standing Committee (Admissions), Central Admission Advisory Committee, Dean Academic, Dean Research and Librarian contribute significantly to the planning and execution of academic/research priorities as envisioned by the university. In addition to the Academic Council, School Boards and Boards of Studies contribute significantly to academic and research planning.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 6.2 - Strategy Development and Deployment

#### 6.2.1 - The institutional Strategic plan is effectively deployed

The university has a total of 85, Undergraduate, postgraduate, PhD programs, and all the programmes are learning outcomes based. It includes interdisciplinary multidisciplinary and value-added courses. Students are encouraged to participate in the fair/ exhibitions, oral/poster sessions of conferences/workshops, field training, etc. Examination schedules are adhered to as per the Academic Calendarof the university. In general, universities declare the results of all examinations within the 65days (average) of the last examination. The university promotes highquality research byoffering awards to teachers and research scholars who published their research findings in high-impact factor journals. The Central Library of CUH has a fully automated Library system connecting 3 School of Study level libraries within the campus. The Library collection comprises a broad spectrum of academic and popular literature in print as well as in digital formats. The Library collection comprises 58,246 books, 6654 e-books, 5214 e-journals, 92 theses, 36 magazines, 17 print journals, 16 newspapers, 14 databases, and 9 software. The universityhas an Establishment branch to deal with the recruitment/promotions ofteaching/non-teaching staff in

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accordance with the UGC and centralGovt. rules. The university has 233full-time teachers and 97 non-teaching staff. The university participates in the CUET (UG), CUET(PG), and integrated Teacher Education Programme (ITEP) examination, which is a centralized admission procedure at thenational level through all India competitive examinations

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The University is governed by a well-structured mechanism consisting of statutory bodies like the University Court, Executive Council, Academic Council, Finance Committee, School Board and Board of Study, and statutory officers such as the Vice-Chancellor, Deans, Registrar, Proctor, Dean Students Welfare, Provost, Finance Officer, Controller of Examinations, Librarian, Heads of Departments and other subordinate officers/sections with defined responsibilities and delegated autonomy at various levels for smooth implementation of the policies framed by the institutional bodies.

As a whole, the administrative setup is decentralised and participatory, which ensures efficiency and effectiveness.

The University follows UGC Regulations, as amended from time to time, for teachers' recruitment, promotion and service rules. In the case of administrative and non-teaching staff, the University complies with relevant ordinances, cadre recruitment rules and reservation roster prepared by the UGC/MoE/Government of India guidelines.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented	A. All of the above
---------------------------------------	---------------------

### covering following areas of operation

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### **6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Appraisal system: Through IQAC, the university organises Annual presentations for departments and individual faculty to be reviewed by a panel of experts (including external experts). Annual academic audits and awards for excellence also enhance quality.

Promotional Avenues: The university follows UGC Regulations, as amended from time to time, for recruitment, promotion and service rules of teachers. The University complies with relevant ordinances and cadre recruitment rules for administrative and non-teaching staff.

Welfare Measures: The University takes care of the holistic health of its employees through the Medical Health Centre by providing support for physical and mental health. It also provides professional support for yoga and related therapies, and cashless medical cards have been provided to all employees in case they need expert medical help.

The university accommodates more than 150 employees on campus and has a fully functional residential welfare association to address their needs. Guest House facility is available to employees to cater to their personal and professional needs. The university provides seed money, fellowship leaves, and financial assistance to its employees for attending conferences, membership fees, etc.

These facilities are also extended to outsource university employees. The university is also committed to the welfare of the surrounding communities and villages.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

38

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

### 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

341

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Central University of Haryana has a well-established process for optimal mobilisation and utilisation of resources to achieve

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desired outcomes. The University receives financial grants/research grants from various government and non - government agencies such as the Ministry of Education, GOI, UGC, Higher Education Funding Agency and various research funding agencies such as DST, DBT, ICMR, etc.

#### Central fund-generating avenues are:

- Grant in aid General (Recurring) from UGC and MoE Grant in aid Salary (Head) from UGC and MoE
- Grant in aid Capital assets (Non-Recurring) from UGC and MoE Infrastructure development fund from HEFA
- Tuition fees collected from students, Campus development and other activity charges collected from students
- Funds received by Faculty members from various Government and non-government agencies for research projects and consultancy
- Funds generated through interest earned on corpus funds, endowments, Alumni contribution

Besides, the University adopted the following measures for optimum utilisation of resources: The University has implemented e-governance in all spheres of planning and development.

Wastewater in campus is being treated and reused for watering the gardens and plants with the help of a fully functional sewage treatment plant. Concepts of Green Building, Photovoltaic roof structures and solar trees for harnessing solar energy to guide the campus development; Conservation of energy through utilisation of LED bulbs, BEE standard electrical appliances and solar panels; Passive solar design for natural heating and cooling to optimise heat and AC system.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

8415

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File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

### 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting document	<u>View File</u>

#### 6.4.4 - Institution conducts internal and external financial audits regularly

The Central University of Haryana has a financial audit regulatory system as per the financial guidelines laid down by UGC and the government of India. The University has an effective Audit system, ensuring the reliability of financial reporting, safeguarding the assets and compliance with the rules and regulations. Audit ensures proper utilisation of funds/grants within the framework of University statutes/ordinances and GFR/other Government rules

The University's Financial Audit is under the purview of India's Comptroller and Auditor General (CAG). Audit of expenditure examines and verifies whether adequate, proper and sound systems and procedures are in place and are being complied with, both in letter and spirit, for spending public money. All the university's financial accounts, including transaction vouchers and balance sheets, are audited by the CAG team annually, and they are distributed over a span of 15 days each. Observations, if any, brought out by the Audit in improving the financial transactions are taken care of and implemented according to the satisfaction of the audit, and the compliance of audit observation is shown to the next audit for dropping the observations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### **6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

CUH has a well-established IQAC, having a well-structured IQAC committee consisting of Vice Chancellor (Chairman) Deans, HODs, faculty members, and members representing Executive Council, Industry, Local Society, Alumni, students, and employers. IQAC is active from 20th Aug 2015. It has contributed significantly to the quality of teaching and research. The committee comprises IQAC director, concerned dean and the external expert to review the annual performance of the department and faculty.

- I. Implementation of NEP 2020: CBCS, OBCurriculum Framework for all programmes, inclusion of IKS and value added courses for the upliftment of the students.
- II. Audits and presentations by faculty & Departments to improve teaching and research quality of the faculty members
- III. Student Awards: To encourage the students awards are awarded every year to the students in each school on the basis of commutative score in that calendar year.
- IV. Annual Academic Auditis a unique feature of the university to evaluate the department performance by a committee.
- v. Seed grant: The newly appointed faculty is provided with seed grant of up Rs. 2.00 Lacs
- vi. Support to attend conference and membership fee of professional bodies: Upt0 1.5 lakh for international and 20000/-for national conferences once in 3 years

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars,

A. Any 5 or all of the above

Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	No File Uploaded
Upload relevant supporting documnent	No File Uploaded

- 6.5.3 Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)
- i- Filling of Vacant Teaching Positions: The number has increased from 55 to 233 across various departments. Nonteaching positions were also filled. Besides, University has also processed the applications for promotion of teachers under CAS.
- ii Financial support for attending conference and Membership: University has a policy in place to financially support faculty for participating in conferences, seminars, workshops. An assistance up to INR 1.5 Lakhs is given to faculty members over a period of three years.
- iii National Academic Depository, Multiple Entry Exit policy, Integrated courses: University has introduced integrated programmes with multiple entry/exit options and has registered for the Academic Bank of Credits for smooth transfer of the credits earned by the students.
- iv- Innovation led education: The CUH is providing support to file the patents that resulted in grant of 37 IPRs during last 2 years Similarly, consultancy projects have jumped to 338 during 23-24 after implementation of Consultancy rules in the CUH
- v. Coaching classes for UPSC-Dr. Ambedkar Center of Excellence (DACE) to provided high-quality free coaching facilities to 196 SC/ST/OBC students for the Civil Services examination conducted by UPSC and other competitive examinations.
- vi. UGC-MMTTC: The MMTT center has trained more than 1000

#### teachers

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 - Institutional Values and Social Responsibilities

### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Central University of Haryana prioritizes gender equity and safety, especially for female students and employees. The campus is secured with female security staff, CCTV surveillance, and manned gates. Gender sensitivity is promoted through the Women Empowerment Cell and Sexual Harassment Prevention Cell, which conduct counseling and awareness programs. Grievances are promptly addressed by the Internal Complaint Committee (ICC). The university engages the community through workshops, panel discussions, and cultural activities, fostering gender equity. For girl students, the university ensures 24/7 safety with security guards, wardens, and CCTV surveillance in hostels. Sanitary pad vending machines are installed, and a 5% attendance relaxation for menstrual leave is provided. Students have faculty mentors and access to counseling services, common rooms, and wellness clinics to address psychosocial needs. The Women Empowerment Cell organized a debate on "Naye Bharat Ko Salam" discussing India's soft power, social and cultural developments, and challenges like unemployment. The Cell also celebrated International Girl Child Day, discussing issues related to girl children and providing basic self-defense and cybercrime awareness training. The university's holistic approach fosters a safe and empowering environment for all on campus.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://drive.google.com/file/d/1P0if8FKK0 Vbv-5IC908LbIVnsU2ryv9a/view?usp=drive lin <u>k</u>

# 7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Waste management has become one of the most important parameters in the development of sustainable University campus. With the aim to adhere to Swachh Bharat Abhiyaan of, Government of India, the University is committed to ensure to build sustainable infrastructure. In this direction, the University has taken several initiatives in the management of waste arising from the academic or administrative blocks, hostels and residential complexes of the University. The University takes due care in management of various types of wastes generated in the campus. Solid waste generated from horticulture operations is collected and decomposed in pits and put back in soil; liquid waste (sewage) of the University is treated in Sewage Treatment Plant (STP) and used for horticulture purpose. The hazardous and biomedical waste is being collected by government approved agency from the premises twice a week for further disposal.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

# 7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.5 - Green campus initiatives include

### 7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- A. Any 4 or All of the above
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

## 7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

- 1. Green audit
- 2. Energy audit
- 3. Environment audit
- 4. Clean and green campus recognitions/awards
- **5. Beyond the campus environmental promotional activities**

D. Any 1 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres.

Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc.

Provision for enquiry and information:

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

University Cherished uniqueness with students from diverse socio cultural backgrounds from all over the country. The University takes several steps to promote imparting tolerance and harmony. Mentor-mentee initiatives help promote the participation of every team member in a class and in identifying their strengths. The evidence of success is seen in the increased participation of students as a team in symposia, sports, National Social Service (NSS), Youth Red Cross and other similar activities. For instance, a group of NSS volunteers work with great commitment for Swatch Bharat Abhiyan and travel to different nearby villages of Central University of Haryana in groups and carry out the cleaning of public places, periodically. The enrolment of more than 46% students from rest 25 different States and Union Territories of India is a testimony to the commitment of the University to excel in academics, research, innovation and extension activities. Vision to celebrate diversity also gets manifested (in the University's initiatives towards Ek Bharat Shrestha Bharat wherein the University organizes special events to promote cultural and regional diversity. Thus, the university is continuously going towards to achieve the mission of promoting cultural and gender diversity.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The Central University of Haryana undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligations viz. values, rights, duties, and responsibilities of citizens through the celebration of Republic Day, Independence Day, Constitution Day, organizing workshops/ seminars/ expert talks on Universal Human Values and professional ethics, etc. Students are encouraged to participate in various competitions such as essay competitions, writing contests, debates, etc. Central University of Haryana has also started courses on "Constitutional Law and Human Rights" as an open elective course for the students to inculcate the constitutional obligations, values, rights, duties, and responsibilities. In addition to this, we also organize various sensitization and awareness programs on Human Rights, Fundamental Rights, legal, traffic awareness and CivilSafety, Values, etc. On all important occasions and functions, the national anthem is played to inculcate the feeling of oneness and respect for our Nation, culture, and its constitution. Environment Day is celebrated and a pledge is taken by all stakeholders to develop a sense of responsibility towards preserving and saving the environment for ourselves and the coming generation. 'Akandh Path' and 'Havan Yagya' are also solemnized on the campus to inculcate communal harmony among the University community.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

### 7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

CUH believes in celebrating events and festivals representing diversified regions cultures and religions it builds a strong cultural belief in a student. The events and festivals organized at university are often celebrated with great pomp and gaiety. CUH celebrates National and International days enthusiastically every year. All staff members and students gather in the university to celebrate these days. Celebration of cultural and constitutional festivals is an integral part of our co-curricular activities. Throughout the session, different days are celebrated by students with the guidance of teachers which help them to know about different cultures and to cognitively imagine India as a nation. The University realizes the importance of remembering the national and international commemorative days and makes sure to engage the students and staff in the celebrations. The University actively celebrates Birthdays and Death Anniversaries like Gandhi Jayanti, Dr. Bhim Rao Ambedkar Jayanti, Vivekanand Jayanti, Teacher's Day, Environment- Week, Ozone Day, etc. just to mention a few. The Women's Cell of the University makes sure to plan some programs to sensitize the masses on Women's Day and International Girl Child Day every year.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

#### 7.2 - Best Practices

### 7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Annual Departmental Presentations for quality evaluation and assurance in academics and administration

The objective of the practice of annual performance review is to assess the academic and research progress of the individual departments. This practice also provides an opportunity to reflect upon the shortcomings and corresponding necessary actions required to improve the academic and research activities in the Department. The whole exercise of annual presentations and the

step of annual awards incentivize the faculty members and non-teaching staff and encourage healthy competition among them. It also helps to measure the potential capabilities of all faculty members, non-teaching staff and departments to think and work hard to improve their performance continuously.

Internal Quality Assurance Cell (IQAC), CUH has successfully organized seven cycles of Departmental Presentations, six cycles of Annual Awards for Teaching and Non-Teaching Employees' and two cycle of best student researcher & inventor. The IQAC is continuously taking steps for streamlining the practice of Annual Departmental Presentations and Annual Awards making the practice more effective. During the last five years, a jump in the publication profile in terms of number and quality of publications and research grants have been observed. This practice has created a healthy competition where each department is making efforts to excel in one or more parameters.

#### 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The University is consistently trying to promote the values of a global citizen among students through civic engagement and social work. The University is making continuous efforts for improving the socio-economic status of ten adopted villages. We offer support to the villagers through our cells such as NSS/ YRC Units, Women Empowerment Cell, and Legal Aid Clinic.

The University also have conducted workshops on millets and financial inclusion to enhance the income and earning potential of the villagers along with organizing health check-up camps at the adopted villages and educational programmes and competitions at government schools.

The University is slowly moving towards becoming the research and innovation hub in the area which reflected in terms of the increasing h-index of the university which has increased from 29 in 2021 to 62 in 2024. The number of IPR (patents and designs) has also increased exponentially reaching to more than 95 in 2024. The University also won "Transformational Impact in Higher Education award" by IDA and Emerging University of the Year by FICCI for its excellence in research and innovation. The University was also figured as 3rd ranked HEI in patents by India Today Ranking.

### 7.3.2 - Plan of action for the next academic year

- 1. Appointment of Teaching and Non-Teaching staff in mission mode.
- 2. Establishing credible open forums for interaction with the teaching, learning and the non-teaching community to understand their needs, demands and aspirations to see the desired change. •
- 3. To bring the entire functioning of the University under the ambit of eGovernance, the University shall expedite the digitization process through Samarth. Enriching state of the art Labs with more equipment and securing funds from various GOI schemes for creating department-centric research facilities and developing Learning Resource Centres.
- 4. To improve and strengthen the Academia-Industry Linkages the University will try getting into more MOUs with National and International institutes of repute along with the Industry.
- 5. Concerted efforts will be made to connect the students to the university placement cell for their further progression towards jobs. Registration and profiling of all students in the placement cell will be made mandatory so that each student gets the opportunity to apply for jobs.
- 6. Establishing Centre for excellence for research under multidisciplinary areas.
- 7. Addition of more value added courses and integration of Indian Knowledge system components in course curricula.
- 8. Establishment of sports excellence center