

## **Uttaranchal University**

For the Excellence Within 'U' Annual Report 2020-21

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## **Milestone Since Inception**





Our three core goals of all in the Strategic plan of the University are primarily focused for teachinglearning, research and innovation, and social responsibility which are encapsulated on our firmness while steering the university in a new arena.

The plan is with explicit priorities and measurable outcomes. We will be resilient & versatile to the external change, but will adhere to the ambitions set and ensure that we put the best foot forward to be well placed in near future.

I also look forward to become Uttaranchal University an institution of excellence in the field of education, research and innovation.

- Jitender Joshi

#### "विद्या परमं बलम्"

"Knowledge is Supreme Power"

## Vice-Chancellor's Message

21<sup>st</sup> century is going to focus on internationalization of education system, which would majorly focus on research and innovation. The Uttaranchal University has a welldefined vision and mission. To achieve this vision, we must react to global challenge and changes and have a plan for those activities which may advance the university most significantly. To ensure the best academic environment, industrial and societal need-based outcome education, Uttaranchal University has designed a strategy plan for the years 2020-25 to succeed.

The goals enlisted in the strategic plan will serve as the foundation for annual planning and allocation of resources. This will enable the university to progress, resulting in improved performance and international recognition. The actions and measures are not all-inclusive but are meant to be the starting points for contributing to the university's overall strategic development.

I look forward to become Uttaranchal University an institution of excellence in the field of academics, research and innovation.

#### -Professor Dharam Buddhi

## **Our Vision, Mission & Objectives**

#### VISION

To be a world-class University through continuous innovations in education, research, creativity, and entrepreneurship with an aim to have a transformative impact on society.

#### **OBJECTIVES**

- To create centers of excellence for providing knowledge, education, training, and research facilities of high order in the field of Science, Engineering, Professional Education, Law and Legal Studies, Dental, Medical, Paramedical, Physiotherapy, Pharmacy, Commerce, Management, Education, Humanities, and other Professional Education as per its current status, and such other manner as may develop in future, including continuing education and distance learning.
- To impart knowledge and training in various fields at the undergraduate, postgraduate, and doctoral levels contributing to the development of the state and the nation at large besides facilitating the residents of Uttarakhand State for employability in the region so as to reduce flux of migration.
- Engage students in learning partnerships with faculty and the community as well as engage faculty and students in professionally related service to the University, the community, and the society at large

#### MISSION

- To provide an educational environment where students can realize their full potential in their chosen discipline and attain quality education to face the challenges of the future.
- To implement a variety of high-quality programs at undergraduate, postgraduate, and doctoral levels for all specialization and disciplines.
- To establish a dynamic, challenging, and ethical environment for high quality teaching and learning process, research, and development with holistic approach.
- To disseminate the knowledge and process for interaction and collaboration with the global community to transform the lives of people through innovation and excellence in higher education.
- To assimilate the usage of technology in teaching pedagogy and extend the educational opportunity for practicing professionals in Uttarakhand at nationaland international level.
- To serve the country and human community at large academically, technically, professionally, and culturally with a sound human resource.

Promoting Excellence Promoting excellence in education, research, innovation, and entrepreneurship through continuous developments to transform the entire community

Meeting challenges of life Ensure that our students develop the character, attitude, abilities, and skills to face ups and downs with the realistic challenges of life..

Personal Development In order to strengthen the community and selfdevelopment, the adoption of technology for effective outreach needs to be within human spirits.

## Core Values of the University

#### **Diversity**

Focused to meet the changing global needs with diversity of upcoming future generation Programmes across different disciplines of specialization..

#### *Community Service* We will encourage a sense of

We will encourage a sense of belonging based on trust, symbiotic relationship, and selfgovernance to serve the community as a true human being with high moral values.

#### **Respect & Integrity**

We will facilitate the development and dissemination of knowledge in the global community by caring for the ideas, integrity, and talent of each other through the exchange of ideas to live and work in harmony.

## **QUALITY STATEMENT OF THE UNIVERSITY**

"To strive for worldwide excellence in all of our endeavours, including teaching-learning, research, consultancy, outreach, societal upliftment and remain accountable in our core and support functions through self-evaluation and continuous upgrading methodologies."

# STATUTORY APPROVALS



Approval by UGC under Section 2(f) of the UGC Act, 1956



Recognition by Bar Council of India



**Membership Letter** 



Recognition by Pharmacy Council of India

#### **STATUTORY COMPLIANCES**

The University ensured compliance of all the provisions made in the Uttaranchal University Act as well the guidelines issued from time to time by the UGC and other statutory bodies vide their Act, Regulations and Ordinances etc.

- (i) The University has made and complied the provision for reservation of 40% of seats in all its programmes for the students of Uttarakhand domicile as stipulated in Section 9 (17), 10 and 21 (1).
- (ii) The University has provided 26% scholarship/fee rebate to the students of Uttarakhand domicile in compliance of Section – 22 (2) of the Act.
- (iii) The University has filled all its Group C & D posts by employing the permanent residents of Uttarakhand State.
- (iv) The University is an equal opportunity University, it has not made any discrimination on the basis of caste, creed, sect, religion, sex in any of its recruitments and or admissions of students.
- (v) The University is unitary in nature and has not set up any off-campus, off- shore campus, study center as stipulated in UGC guidelines. The University has not set up any spilt campus till now, though it has completed five years of its establishment.
- (vi) The University has not started distance education programmes; in future if, Open Distance Learning Programmes are started, the requisite guidelines of the UGC shall be complied with.
- (vii) The University is maintaining its website wherein all mandatory details i.e., faculty profiles, infrastructure, admission policy, programme offered including eligibility, fee details and fee refund policy etc., are uploaded for the information and guidance of all stakeholders.
- (viii) The University has also set up its Students Grievance Redressal Cell for addressing and sorting out student's grievances. The procedures adopted for dealing with grievance redressal is speedy, fair, and transparent in nature. The law of natural justice is followed.
- (ix) The student's admission system of the University is fair and transparent. For admissions, University has adopted- special entrance test-based, interview-based, academic merit-based and, admissions combining with all the above mechanism.
- (x) The University is adhering to the various provisions of the UGC (Establishment and Maintenance of Standards in Private Universities) Regulations 2003 wherever applicable.
- (xi) The University has appointed Internal/External Auditors (Chartered Accountants) for ensuring transparent and authentic maintenance of its accounts.
- (xii) The fee collection system of the University is transparent and student friendly. A proper receipt is provided to the students/parents for the fee paid to the University. Primarily all the fee by Students/parents are deposited through online banking system, bank challan, demand draft, however, in some cases to facilitate the students they have an option to deposit the fee at the Fee Counter of the University. No capitation fee/charge or any hidden amount is collected from the students.
- (xiii) The University is regularly uploading the required mandatory information on the portals of National Institutional Ranking Framework (NIRF) and All India Survey of Higher Education (AISHE) since launched of these portals.
- (xiv) The University is adhering to the guidelines of the UGC for nomenclature and award of degree including duration of the programme(s).
- (xv) The University is also following model syllabus framed by the Statutory Bodies for parity purposes, wherever is possible.
- (xvi) The University made provision for reservation of 5% of seats in all its programmes for differently abled students which are as per the norms of the Government.



#### **University Profile**

#### **University Introduction**

Uttaranchal University was established in 2013, vide Uttaranchal University Act, 2012 (Uttarakhand Act No.11 of 2013) as a Private University and is located in Dehradun, the capital city of the Indian State of Uttarakhand. The Uttaranchal University has been recognised by UGC under section 2(f) and 12(b) of the UGC Act, 1956 and other statutory bodies of the State and the Country. The University is promoted by Sushila Devi Centre for Professional Studies and Research, a society registered under Societies Registration Act (1860). Its lush green campus is situated on NH-72 near the prestigious Indian Military Academy (IMA) and Forest Research Institute (FRI). Dehradun is located in the Doon valley on the foothills of the Himalayas in Northern India.

#### **Physical Facilities**

- A green campus on 70 acres of land.
- 162 class rooms, 100 plus laboratories, computer labs, lecture halls and Auditorium with a seating capacity of 1200.
- Facilitates residential campus for both boys and girls in total of 14 hostels.
- Indoor and outdoor sports facilities for promoting physical fitness.

#### Library as a Learning Resource Centre:

- The library's total carpet area is 2330 sq. metre, with a total seating capacity of 390.
- The library is well-stocked with a sufficient number of hard copy (1,54,060) and e-books (20,342).
- Library provides a remote access facility for the students and faculty living off campus to access the subscribed e-resources of the library.
- The library is an associate member of e-Shodhsindhu, which in turn has offered a collection of rare books by the Rare Book Society.

#### **IT Infrastructure**

- The system consists of a fibre-optic cable network linking more than 1500 LAN, 111 Wi-Fi points; and more than 1600 computers catering to smooth functioning of the organization.
- ICT device such as multimedia projector and smart TVs and Wifi facility.
- An ERP Server, a thin client; leased line system and cyber security tools.

#### **Student Support**

The university has an established system to support the activities of students. University supports via scholarships, university fund and offer students with career-orientedvalue-addedcourses. Cells for Anti-ragging, Woman's grievances redressal, Sexual harassment and other grievance redressal committees have been constituted by the university. The induction programme is designed in order to help students understand the university and its framework. Bridge courses are conducted for slow on uptake learners to bridge the gap between the subjects and help them gain expected skills needed for the core academic outcome. The sports officer is appointed to supervise the students at different sport activities.

#### **Faculty Profile**

The university has about 400 faculty members who has been recruited from prestigious national and international institution/ corporate house/ industry. These faculty members are outstanding academicians who have received recognition for their research and teaching abilities.

#### Research

The research facilities in the university are carefully planned and are ideally conducive so as to enrich and promote quality research that focuses on result oriented and implementable solution.

#### For promoting research, the following facilities exist in the University:

- Well-equipped advanced research laboratory.
- Incubation centre with policies for IPR.
- Provision for seed money grants for research projects.
- Faculty members are encouraged to participate in consulting work in industry, corporate sectors and other organisations. The university shares the monetary benefits by undertaking consultancy work according to the policy.
- Felicitation with recognition, awards and incentives for publication of research papers and books.
- Incentive for quality research publications.
- Travel grants to faculty to attend conferences, present papers and post-doctoral programmes.
- Institutional linkages with industry for research and training.
- Research fellowship to research scholars.

## In addition to the research facility available in the schools, the following central instrumentation facilities exist on campus:

- Fourier Transform Infra-red spectroscopy (FTIR).
- X-ray Diffraction (XRD).
- Energy Dispersive X-Ray Analysis (EDX).
- UV-Visible Spectroscopy (UV-Vis).
- High-performance liquid chromatography (HPLC).

#### **Research Publications:**

With over 900 plus faculty publications in SCOPUS, Web of Science, UGC journals and other peer reviewed journals. The university has 36 books and book Chapter; 37 conference proceedings, with around 17 awards and recognition granted to them, the university faculty has been honoured.

#### **Research Recognition & Patents/IPR**

University research laboratories are engaged in cutting-edge research with world-class instrumentation facilities and infrastructure. The institution has organized 119 workshops/conferences and seminars on intellectual property rights till date, and 22 patents have been published.

#### Academic MoUs

In addition to a multitude of joint activities from different departments, the university has signed over 39 national MOUs with 104 activities pertaining to research and academics with different organisations in the government and private sector reflecting on the faculty's intellectual acumen.

#### **Design of Curriculum**

- For local, regional, national and global academic needs, consistent curriculum changes and implementation frameworks are periodically taken into account.
- The university focuses strongly on outcome-based education in all programmes (OBE).
- The contents of the course are guided by its unique goals in accordance with the University's vision and mission.
- According to the latest developments in the technology worldwide, all courses offered in the programmes are reviewed twice a year.

#### **ERP & Learning Management System**

- 24-hour Wi-Fi enabled campus·
- Well-equipped computer labs with internet access•
- Well-furnished institutional library-
- Classrooms with ICT facilities and modern teaching aids•
- ERP- Governance in education, admin & finance.
- Sports & cultural facility to holistic development.

#### **Academic Schools**

- Law College Dehradun
- Uttaranchal Institute of Technology
- Uttaranchal Institute of Management
- School of Applied and Life Sciences
- School of Agriculture
- Uttaranchal Institute of pharmaceutical Sciences
- School of Liberal Arts

#### Placements

- The Corporate Resource Center in Uttaranchal University is fully equipped to provide career guidance and placement support to its students. It has got excellent infrastructural support for placement related activities in the form of a state-of-the-art auditorium and an ultra-modern computer lab. Uttaranchal University is a hub of pool drive in the entire region due to the reputation of its interface with industry and immaculate operations.
- A few of the prominent companies hiring our bright students include: Amazon, Wipro, Infosys, Tech Mahindra, Deloitte, TCS, Extra Marks, and others.

#### **Students Activity Club**

Extra-curricular and co-curricular activities are an inseparable component of the academics. The aim of true education is the development of balanced personality i.e., knowledge and its practical application; intelligence and its articulation, confidence with communication skills, activeness with agility and aptitude with flair. Uttaranchal University lays great emphasis on organizing intellectually stimulating programs, which allow wider participation and build the confidence level of the students and also enhance their skills. Uttaranchal University incorporates diverse university level clubs and societies and encourages the creation of the same in its constituent faculty. Many student clubs and societies function under the aegis of respective faculty.

#### **Sports**

We are a firm believer of the famous quote that "A sound mind lives in a sound body". The importance of physical activity cannot be undermined at any age. Students need to channelize their physical energy in productive spheres. Important life skills are imbibed on the sports field, such as, leadership qualities, teamwork and coordination. Uttaranchal University aptly renders platforms to develop this component of students' life. Sports facilities for badminton, football, volleyball, table tennis, basketball, cricket and hockey have been built. The university has constituted central sports club with member participation of faculty and students from its constituent faculties. The objective of this club is to organize intra-university sports events, organize sports activities in the annual "Uttaranchal Yuva Fest" and facilitate participation in external events. Students participate in intra-collegiate, inter-collegiateand inter-university sports activities with great enthusiasm. The students are encouraged to participate in district level, state level, national level and international level sports events.

#### **Hostel Facility & Guest House:**

The university has 8 boys, 6 girls' hostel and a guesthouse for visitors on campus.

#### Seminars/Conferences/Workshops/& FDPs

The university is into regular practise of organizing seminars/conferences, workshops, FDPs, and other events on themes of national and international importance.

## **Highlights of the Year**





INDIA TODAY GROUP

#### **ACCOLADES AND ACHIEVEMENTS**

The awards and recognition symbolize appreciation, they affirm the very reason we strive each day for continuous improvement benefitting each and everyone associated with the University. The University's mission is to strive for excellence and community services.

The Uttaranchal University is honoured and accoladed by many motivating us to continue our journey for the betterment to best. The some of the accolades and awards conferred on the University are as under:

#### Awards & Recognition

- Uttaranchal University ranked among the Top 50 General Private Universities in India by India Today, Best Universities (Private) in India Survey August 2020.
- Uttaranchal University ranked 15<sup>th</sup> in North Zone, 36<sup>th</sup> in All India among Best Private & Deemed Multi-Disciplinary Universities, and 27<sup>th</sup> in North Zone among Best Multidisciplinary University by The Week (The Week-Hansa Research Survey July 2020).
- Law College Dehradun, a Faculty of Uttaranchal University, Ranked No.1 in Uttarakhand, 4<sup>th</sup> in North Zone, 10th in India among Private Law Colleges and 21<sup>st</sup> among All India Law Colleges by The Week (Special Issue The Week Hansa Research Survey August 2020 "Best Colleges".
- Law College Dehradun, a Faculty of Uttaranchal University, Ranked No. 1 in Uttarakhand and 10<sup>th</sup> in India among Best Private Colleges with the "Best Value for Money" by India Today Group (June 2020).
- Uttaranchal University awarded 'Excellence in Research & Innovation' in "Shiksha Shikhar Samman – 2020" wherein Hindustan acknowledged the contribution of Top Universities in the field of education.
- Uttaranchal Institute of Management, a Faculty of Uttaranchal University, ranked among Top 100 B Schools (All India) in Times B School Ranking 2020.
- Law College Dehradun, a Faculty of University has been Ranked 24 among Top 35 Law Colleges in India by Hansa Research Survey 2019.
- Uttaranchal University Dehradun Ranked 39<sup>th</sup> among India's Best Private General Universities 2019 by India Today.
- 'India Today' (The India Today MDRA Survey across 14 major disciplines) ranked Law College Dehradun, a Faculty of Uttaranchal University, 28<sup>th</sup> among Top Best Colleges in India (Law) in its All-India Ranking – 2019.
- 'India Today' (The India Today MDRA Survey across 14 major disciplines) ranked Uttaranchal Institute of Management, a Faculty of Uttaranchal University, 56<sup>th</sup> among Top Best Colleges in India (BCA) in its All-India Ranking – 2019.
- 'India Today' (The India Today MDRA Survey across 14 major disciplines) ranked Uttaranchal Institute of Management, a Faculty of the University, 84th among Top Best Colleges in India (BBA) in its All-India Ranking – 2019.
- Hon'ble Chancellor Mr. Jitender Joshi conferred Jagran Excellence Trophy and Certificate for his commendable work in the field of Higher Education in the Award Ceremony of 'Jagran Excellence Award-2018' organized by Dainik Jagran Group.
- Uttaranchal University awarded "Best Private University 2018" by the alliance of Divya Himgiri, Uttarakhand State Law Commission, Human Rights Protection Centre (Uttarakhand) and Samarpan Society.
- Law College Dehradun awarded "Best Law College 2018" by the alliance of Divya Himgiri, Uttarakhand State Law Commission, Human Rights Protection Centre (Uttarakhand) and Samarpan Society.
- Hon'ble Chancellor Mr. Jitender Joshi awarded "Amar Ujala Achievers Award 2018" by Amar Ujala Foundation.

- 'The Week' (Hansa Research Survey 2018) ranked Law College Dehradun, 1st among Top Private Law Colleges in the state of Uttarakhand, 3 among Top Private Law Colleges in the North Zone, 11 among Top Private Law Colleges (All India) and 33 among Top Law Colleges (All India).
- Law College Dehradun, Faculty of Uttaranchal University ranked 29<sup>th</sup> among Top Law Colleges of India in 2018 by India Today. The college secures 15<sup>th</sup> Position in Academic Excellence and 17Position based on its Objective Score.
- Sarvgyan (India's Leading Education Portal) ranked Uttaranchal University 8<sup>th</sup> among Best Private Engineering College in India in 2018, 9<sup>th</sup> among Best Private B Schools in India in 2018, 7<sup>th</sup> among Best Private Law College in India in 2018, 1st among Best Private Engineering College in Uttarakhand in 2018, 1<sup>st</sup> among Best Private B Schools in Uttarakhand in 2018 and 1<sup>st</sup> among Best Private Law College in Uttarakhand in 2018.
- Hon'ble Chancellor Mr. Jitender Joshi awarded "Uttarakhand Udai Ratna 2017" by Amar Ujala Foundation.
- Uttaranchal University Ranked No. 5 among Top 10 Universities of India in 2017 (By Sarvgyan India's leading education portal).
- Uttaranchal University, Dehra Dun Ranked Among Top 50 Private Universities of India 2017 by India Today.
- Uttaranchal University listed among Best Colleges for Placements in India 2017 (By Career Connect New Delhi) with 5 Star Rating.
- Received "Most Promising Engineering & Management Institute in India Award 2017" by Jagranjosh.com Education wing of Dainik Jagran Group.
- Awarded **"Most Aware Campus of Uttarakhand Award-2017"** by Amar Ujala Foundation.
- Ranked 13<sup>th</sup> in All India and 3<sup>rd</sup> in North Zone in Top Private Law College Ranking 2017 by The Week.
- Uttaranchal University awarded the "Icon Award of Uttarakhand-2016" in the field of Higher Education by Times of India.
- Awarded "The Best University in North India-2015" by Royal Brand Pvt. Ltd. (New Delhi).
- ✤ Awarded **"Best Upcoming University 2014"** by ASSOCHAM.
- Received "Best Infrastructure Award 2013" by CMAI (Communication Multimedia and Infrastructure Association of India).
- Hon'ble Chancellor Mr. Jitender Joshi awarded "Uttarakhand Ratna 2014" by Rashtriya Sahara Group.
- Hon'ble Chancellor Mr. Jitender Joshi awarded "Uttarakhand Ratna 2013" by All India Conference of Intellectuals.



Students competing at Moot Court

Students engaged in Lab work



Students learning at Computer Centre Students at Discussion in the Library





Exposure to an Industrial Visit

Students offering the ethic of Hospitality





Student conducting a Lab Experiment

<image>

Student-Faculty Interaction



Students at Self Study in the Library

Taking notes in the Observatory at School of Agriculture





Exposure to Mass Communication & Media

Student-Faculty exchange of knowledge





Learning Skills at Hotel & Hospitality Management



Students-beyond Curriculum



The joy of celebration being a Graduate

## **Our Statutory Bodies**

#### **BOARD OF GOVERNORS**

The Meetings of Board of Governors during the academic years 2020-2021 were conducted on 31<sup>st</sup> December, 2020 and 05<sup>th</sup> August, 2021. The BOG reviewed the academic, extension and financial budget activities and also issued directions for further strengthening.

#### **BOARD OF MANAGEMENT**

The Meetings of the Board of Management during the academic session 2020-2021 were conducted on 31<sup>st</sup> December, 2020 and 04<sup>th</sup> August, 2021.

#### ACADEMIC COUNCIL

The Meetings of the Academic Council during the academic session 2020-2021 were conducted on 30<sup>th</sup> December, 2020 and 03<sup>rd</sup> August, 2021.

#### PLANNING & DEVELOPMENT COMMITTEE

The Planning Committee meets once a year. The Chancellor of the university acts as the committee's chairperson.

#### FINANCE COMMITTEE

The Meetings of the Finance Committee during the academic session 2020-2021 were conducted on 31<sup>st</sup> December, 2020 and 04<sup>th</sup> August, 2021.

#### ADMISSION COMMITTEE

The Admission Committee meets twice a year. The Vice-Chancellor of the university acts as the committee's chairperson.

#### **Quality Assessment and Enhancement**

#### **About IQAC:**

Uttaranchal University was established in 2013, vide Uttaranchal University Act, 2012 (Uttarakhand Act No. 11 of 2013) as a Private University and is located in Dehradun, the capital city of the Indian State of Uttarakhand. The Uttaranchal University has been recognized by UGC under section 2(f) and 12 (b) of the UGC Act, 1956 and other statutory bodies of the State and the Country.

The University has made deliberate and continuous efforts over the last seven years to build on its strengths and make progress to excel. The recent transformation in the sphere of higher education in keeping with national educational transformation and changes derived from globalization necessitates to actively indulging in the development and implementation of quality benchmarks in all the key performance areas.

The University developed its Internal Quality Assurance Cell (IQAC) in 2015 to institutionalize the process of quality improvement and sustenance across all key verticals. We are a firm believer of the famous quote by John Ruskin that "**Quality is never an accident; it is always the result of intelligent effort**".

IQAC serves as a centralized point for strategizing various quality initiatives relating to the University's internal and external stakeholders.

#### **Vision of IQAC:**

To ensure quality culture as the prime concern for the higher education institutions through institutionalizing and internalizing all the initiatives taken with internal and external support.

#### **Mission of IQAC:**

Designing, developing and implementing appropriate quality processes & procedures for the academic and administrative activities of the university in consultation with the stakeholders.

#### **Objectives of IQAC:**

- ✤ To provide benchmarks for evaluating the success of curricular, co-curricular, and extracurricular activities.
- Measure and log actual results, identify anomalies, and provide constructive feedback.
- Establishing quality circles in the various departments and guiding their operation.
- To be the best in the industry when it comes to quality assurance.
- Excellence in quality assurance is a goal that we have set for ourselves.

#### **Primary Functions:**

- To develop and implement quality benchmarks.
- To monitor and foresee various academic and administrative activities of the university.
- To facilitate the creation of a learner-centric environment conducive to quality education and faculty to disseminate the knowledge and technology for participatory teaching and learning process.
- To gather and analyze feedback on quality-related institutional processes from all stakeholders.
- To disseminate information on various quality metrics to all stakeholders.
- To plan inter- and intra-institutional conferences, seminars on quality-related topics, and the promotion of quality circles.
- Documentation of quality-improvement programmes and events.
- To serve as a nodal agency for organizing quality-related operations, such as the adoption and dissemination of best practices.
- To develop and maintain database of the ERP for maintaining or enhancing the institutional database.
- To periodically conduct AAA (Annual basis) with follow up.
- To prepare and submit the Annual Quality Assurance Report (AQAR) according to NAAC guidelines and parameters.

#### **Intent of the IQAC:**

- The IQAC is meant to create awareness on quality issues and establish credibility for the quality evaluation.
- A quality organization is one that has a "culture of quality"; quality is its hallmark in whatever it does. This includes its mission and goals that are focused towards the customers (students), its activities and processes are standardized (there are documented practices, which can reply to What, Why and How), and it satisfies the need of the stakeholders (Faculty, Students, Employers & Alumni) and goes beyond expectations to create "customer delight".

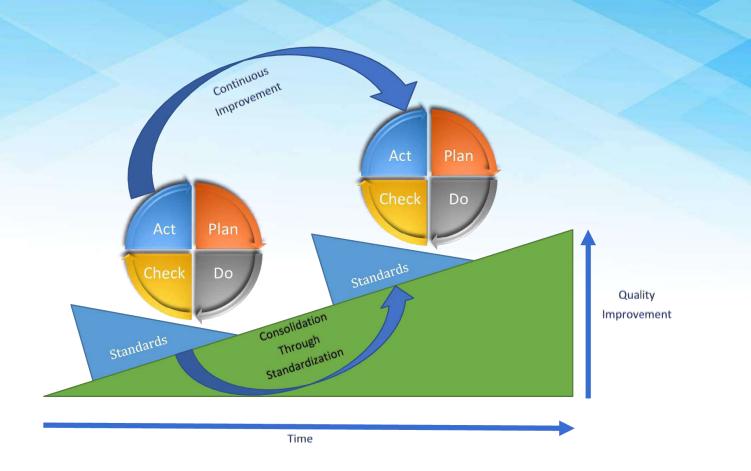
#### **Quality Model of IQAC:**

The quality model adopted by IQAC is based on the principle of continuous improvement as below:

		This step clarifies the	•	Commitment to c	quality
		problem and identifies the overall aim; the tool,	•	assurance. Quality is an in	iternal
Step-1	P-Plan	process, or change to		culture.	iter mar
		implement; and more	•	Quality systems a	re in
	specific targets or		place.		

		objectives of the continuous improvement process.	• Strategic plans for improvement of quality.
Step-2	D-Do	This step involves the implementation of the tool, process, or change and the collection of both process and outcome data.	<ul> <li>Deployment of qualified and appropriate work force as needed.</li> <li>Assuring systematic implementation of planned processes.</li> <li>Use of appropriate technology.</li> </ul>
Step-3	S-Study/Check	In this step, participants examine the collected data and consider the extent to which the specific targets or objectives met those identified in the Plan step, as well as the overall aim.	<ul> <li>Review of outputs.</li> <li>Measure against strategic plan.</li> <li>Report and disseminate the lessons learnt.</li> </ul>
Step-4	A-Act	This last step integrates all the learning generated throughout the process. The stakeholders, as needed, make adjustments to the specific objectives or targets, formulate new theories or predictions, make changes to the overarching aim of the continuous improvement work, and/or modify any tools or processes being tested.	<ul> <li>Take appropriate steps in the light of the results.</li> <li>Plan for the next cycle.</li> </ul>

The P-D-S-A Model on Time Scale:



#### **Composition of IQAC:**

The IQAC of the university is comprised of the Vice-Chancellor, Heads of important Academic and Administrative divisions, a few Senior Academicians, and a few distinguished personalities from different walks of life, Management and Stakeholder representatives. The Composition of the IQAC is as per the NAAC Guidelines.

### **Our Strategic Plan**

The strategic plan establishes the goals for our university for the next five years of our journey towards the vision. Our three predominant objectives are Teaching-learning, Research & Innovation and Social Responsibilities.



Our people, particularly our students & staff and our values are at core of heart to our strategy, while our theme of research with impact, civic engagement and global influence add spirit to everything we do.

A productive workplace with clear expectations and a commitment to excellence, as well as an ecosystem.

#### Action

- Recruiting and retaining high-performing academic and professional staff from a variety of backgrounds.
- Ensure that faculty and staff have explicit expectations in terms of their roles and responsibilities and development of career opportunities within the strategic plan of the university.
- Ascertain that the work environment is sufficiently adaptable to meet faculty and staff's personal circumstances while still supporting excellent performance.
- Develop faculty and staff to function effectively in a multicultural workplace.
- Celebrate the success of faculty & staff.
- Orientation for new recruits.

- Pairing with effective mentors.
- At least 80% Faculty staff with Ph.D. Degree.
- Research supervision.
- Doctoral supervision.
- Publications per faculty.
- Citations per faculty.
- Patents per faculty.
- Revenue per faculty.
- Professional & staff development expenditure per faculty/staff.

Recognizing ability in the context of equity issues for potential students.

#### **Action**

- Ensure that expectations of the potential are thoroughly understood.
- Conducting Curricular & Co-Curricular activities to secure the interest and retention of potential students.
- Ensure to provide holistic atmosphere that is particularly appealing to the talented students.
- Recognize students who have outstanding potential but whose personal circumstances limit them from attending and exceling.

- Numbers of students successfully admitted into university.
- Research outcomes into equitableness that are in altogether into the best practice of the university.
- Start-up counts.
- Entrepreneurship.
- Innovation in research & academics.
- Course completions.
- Academic outcomes of student satisfaction.
- Overall feedback of the university.
- Outcomes of the faculty and programmes using institutional benchmarks.
- Individual KPI's.





A learning atmosphere that gives students the best chance of succeeding.

#### **Action**

- Ensure to have graduate profiles that clearly outline the desirable.
- Ensure that the curricula developed and implemented have relevance to the local, national, regional and global developmental needs.
- Altogether that the academic fraternity is supported to augment the quality of their research-informed training.
- Offer blended learning in both online and face-to-face modes, drawing on international best practises in the use of new technologies.
- Continue to explore into how new technology can be used to help.
- Encourage international experience to be integrated into the curriculum through exchange and study abroad programmes.
- Create a research-based collection of programmes that assist equity students in succeeding in their studies.
- Proactively engage alumni to request financial, technological, and societal support for the university in order to benefit future generations of students.

- Employability.
- Life long learning skills.
- Leadership.
- Professionalism.
- Strong work ethics.
- Critical thinking.
- Real-life problem-solving skills.
- Industry connects.
- Assess the motivation, attitudes & disposition.
- Implementation of new or improved procedures & technologies.
- Technology innovation or cooperation with other companies.
- International conference partnership or MOUs with universities / institutions.
- Proportion of outgoing exchange of students with an international internship.
- Peer viewed research and creative contributions.
- The percentage of papers co-authored with international colleagues.
- Philanthropic support per alumnus.

Research with high possible impact and the nation's economic development.

#### Action

- Facilitate the creation of outstanding cross-disciplinary/transnational research teams to address national and global issues.
- Ensure that the value of increasing citations and impact is understood throughout the University and reflected in publication behaviour.
- Encourage and recognize high-quality proposals for external research funding.
- Ensure that the research infrastructure is adequate to support research and outreach.
- Identifications of thrust areas of research of the university.
- Fortify institutional relationships and partnerships with leading national and international universities.
- Actively engage with industry partners to maximize opportunities to assist organization's development through commercialization and contract research.
- Review market trends and research demands on a regular basis, as well as the university's ability to respond to them.
- To ensure that barriers to commercialization are minimized, maximize synergies between the university and university consultant services.

- Peer reviewed research and innovative outcomes.
- The percentage of publications authored in collaboration with national and international partners.
- O Citation rates in comparison to international disciplinary norms.
- Research grant.
- Facilitation of national research initiatives.
- Dissemination of scientific findings to the general public.
- A good private research income.
- The number of companies with whom the institution has research agreements.
- The number of patents and licenses granted.
- Revenue from commercialization of intellectual property.

Strong relationships with partners.

#### Action

- From a large pool of potential partners, recognise futuristic partners with whom the institution has or can create strong relationships (including central government, local government and international communities).
- Work with those partners to develop common aims and objectives, and provide opportunities for participation and dialogue on a regular basis.
- Make the University's expertise available to strategic partners.

- Identified key national and international partners.
- Investing in strategic partnerships.
- Student enrichment.
- Faculty enrichment.
- Collaborative research.
- Consultancy.

High-quality infrastructure to enable teaching-learning, research, and community engagement.

## Action

- Ascertain that existing infrastructure is properly maintained and utilised.
- Continue investment in academic enhancement.
- Potential teaching facilities and major research equipment.

- Indoor Sports Auditorium.
- Residential facilities for faculty/staff.
- Outdoor Stadium.
- Annual expenditure for Academic enhancement.
- Annual expenditure for R & D facilities.



Governance and management practices that are in accordance with the mission and values of the university.

#### **Action**

- Regularly review strategic plan to provide focus for key strategic areas of activity.
- Budgeting procedure to ensuring that resources are allocated to strategic value and effective areas.
- Decentralization and autonomy to schools.
- Digitalization of academic and administrative documents.
- E-Governance.

#### **Measures**

1100

- Academic delivery & Physical facilities.
- IT facilities & support.
- Infrastructure augmentation or renovation.
- Research & Development outcomes.
- Green initiatives.

Mar Apr May

Jan

Feb

- Institutional social responsibilities.
- Employees welfare.

Sustainable practises for more effective resource usage and improved environmental performance.

#### **Action**

- Current performance to set targets.
- Participation enhancement of students/faculty intended to achieve the targets.
- Recognize and reward participants for their contributions to sustainability and improvement of environmental performance.
- Promote awareness of issues related to sustainability.

Measures						
Practice	2020	2025				
Energy Performance Index	18.85 Kwh/Sq. mt/Year	12 Kwh/Sq. mt/Year				
Green plantation	14,777	22, 500				
Self -reliant on Renewable Energy	17.1% of total use (Solar Share)	100% Renewable Energy				

A growth path to support the university activities.

#### **Action**

- Increasing private, public, and political support for a level of investment in the university that allows it to be a contributor at the state, national, and worldwide levels.
- Actively seeking revenue sources.
- Ensure that research assets are improved to support the increased research revenue.
- Ensure that university contributes to the strategic goals.

Measures							
Description	2020 (No. or %)	2025 (Expected growth)					
Students	5682	8500					
Graduate employability rate	67%	75%					
Programmes	43	53					
Faculty	381	680					
Doctorates awarded	21	150					
Awards, recognition, fellowships	45	100					
Research publications(WOS/SCOPUS)	465	1000					
Patents published/awarded	22	400					
Revenue	2020 (in INR)	2025 (Expected in INR)					
Tuition fees	6407 Lac	8970 Lac					
Research grant by Govt. agencies	143 Lac	1000 Lac					
Consultancy	115.34 Lac	500 Lac					
Extramural grants	100 Lac	200 Lac					
From philanthropy	10.35 Lac	100 Lac					
Totalrevenue	6775.69 Lac	10,770 Lac					

#### **ACADEMIC INFORMATION**

#### **ACADEMIC ORDINANCES**

The University has Academic Ordinances for its all programmes. In the Academic Ordinances, the eligibility for admission, schemes of the examinations, student attendance requirement for appearing in the examinations, evaluation schemes of the examinations and the criteria for passing the examinations and alleviation to the next semester/class, awarding of divisions are outlined and explained in detail for the guidance of the students, teachers, evaluators, paper setters and all other stakeholders.

#### **ACADEMIC CALENDARS**

The University has started its academic activities for the Session 2020-2021 (Odd Semester) from 31<sup>st</sup> July, 2020 as per the following Academic Calendars.

#### ACADEMIC CALENDAR

#### SESSION 2020-2021 (ODD SEMESTER)

Sr. No.	Events	Date
1.	Registration of 2 <sup>nd</sup> Year Onwards (Online)	31.07.2020 to 03.08.2020
2.	Commencement of 2 <sup>nd</sup> Year onwards Classes (Online)	04.08.020
3.	Orientation Programme of 1 <sup>st</sup> Year Students (Online)	08.09.2020
4.	Commencement of 1 <sup>st</sup> Year Classes for all Programmes (Online)	10.09.2020
5.	Deepawali Holiday	13.11.2020 to 16.11.2020
6.	$1^{\mbox{\scriptsize st}}$ Sessional Examinations for $2^{\mbox{\scriptsize nd}}$ Year onward	01.12.2020 to 05.12.2020
7.	1 <sup>st</sup> Sessional Examination for 1 <sup>st</sup> Year	29.12.2020 to 05.01.2021
8.	$2^{nd}$ Sessional Examination for $2^{nd}$ Year onward	29.12.2020 to 05.01.2021
9.	Leave (excluding – Law College/UIPS)	06.01.2021 to 30.01.2021
10.	End Semester Examinations (2019-2020) for: • BBA.LL.B. (Hons.) – II, IV, VI & VIII Semesters	20.01.2021
	• B.A.LL.B.(Hons.) – II, IV, VI & VIII Semesters	
	• LL.B.(Hons.) – II & IV Semesters	
	Pharmacy – II & IV Semesters	
	• B.H.M. – IV Semester	

11.	M.Sc. Courses Commencement of Classes (Offline)	21.02.2021
12.	2 <sup>nd</sup> Sessional Examinations for 1 <sup>st</sup> Year (Online)	20.01.2021 to 27.01.2021
13.	Commencement of Classes (Offline)	01.02.2021
14.	Submission of Main Examination and Back Paper Form (Odd	27.05.2021 to 05.02.2021
	Semester)	
15.	External Practical Examinations 2 <sup>nd</sup> Year Onwards	11.02.2021
16.	End Semester Theory Examinations 2 <sup>nd</sup> Year Onwards	17.02.2021
17.	Submission of Sessional & External Practical Marks	20.02.2021
18.	End Semester Theory Examinations 1 <sup>st</sup> Year Prog.	25.02.2021
19.	Commencement of Classes for Even Semester	March 2021

#### ACADEMIC CALENDAR

#### SESSION 2020-2021 (EVEN SEMESTER)

Sr. No.	Event Particulars	Dates
1.	Registration for Even Semester	12.03.2021 to 13.03.2021
2.	Classes Commence	15.03.2021
3.	Submission of Main & Back Paper Examination Forms	19.04.2021 to 23.04.2021
4.	1 <sup>st</sup> Sessional Examination	19.04.2021 to 23.04.2021
5.	2 <sup>nd</sup> Sessional Examination	01.06.2021 to 05.06.2021
6.	External Practical Examinations	10.06.2021
7.	End Semester Theory Examinations	15.06.2021 Onwards
8.	Submission of Sessional and External Practical Marks	21.06.2021
9.	Commencement of Classes (II Year Onwards)	16.08.2021

#### **ACADEMIC SCHOOLS**

We offer a unique life; you will have access to comprehensive facilities, cultural activities, wide range of academic programmes and industry interface. Uttaranchal University offers multi-disciplinary study programmes.

- 👃 Law College Dehradun
- Uttaranchal Institute of Technology
- 🖊 Uttaranchal Institute of Management
- **4** Uttaranchal Institute of Pharmaceutical Sciences
- **4** School of Applied & Life Sciences
- School of Agriculture
- 🖊 School of Liberal Arts

#### ACADEMIC PROGRAMMES OFFERED

The University as per the expectations of the State Government and considering the needs of the demand of the students, offered the following programmes for the academic session 2020-2021.

#### Faculty: Uttaranchal Institute of Technology

Sr. No.	Programme	Duration
1.	B. Tech. in	
	Computer Science & Engineering	
	Mechanical Engineering	04 Years
	Civil Engineering	
	• <b>B. Tech. (Lateral Entry)</b> in all above B.Tech.	03 Years
	Programmes	
2.	<u>M. Tech. in</u>	
	Computer Science & Engineering	
	Environmental Engineering	02 Years
	Thermal Engineering	
	Construction Technology & Management	

#### Faculty: Uttaranchal Institute of Management

Sr. No.	Programme	Duration
1.	BBA	03 Years
2.	BCA	03 Years
3.	B.Sc. (IT)	03 Years
4.	B. Com. (Hons.)	03 Years

5.	Bachelor in Hotel Management	04 Years
6.	MBA	02 Years
7.	MCA	02 Years

#### Faculty: Law College Dehradun

Sr. No.	Programme	Duration
1.	B.A. LL.B. (Hons.)	05 Years
2.	BBA. LL.B. (Hons.)	05 Years
3.	LL.B. (Hons.)	03 Years
4.	LL.M.	01 Year

#### Faculty: Uttaranchal Institute of Pharmaceutical Sciences

Sr. No.	Programme	Duration
1.	• B. Pharm.	04 Years
	• B. Pharm. (Lateral Entry)	03 Years

#### Faculty: School of Agricultural Sciences

Sr. No.	Programme	Duration
1.	B. Sc. (Hons.) Agriculture	04 Years
2.	M. ScAgriculture (Agronomy)	02 Years
3.	M.ScAgriculture (Plant Pathology)	02 Years

#### Faculty: School of Applied & Life Sciences

Sr. No.	Programme	Duration
1.	M. Sc. (Industrial Chemistry)	02 Years
2.	M. Sc. (Physics)	02 Years
3.	M. Sc. (Chemistry)	02 Years
4.	M. Sc. (Mathematics)	02 Years
5.	M. Sc. (Food Technology)	02 Years
6.	M. Sc. (Food Nutrition & Dietetics)	02 Years
7.	M. Sc. (Biotechnology)	02 Years
8.	B. Sc. (Hons.) - Food Technology	03 Years
9.	B.Sc. (Hons.) - Biotechnology	03 Years

10.	B.Sc. (Hons.) - Microbiology	03 Years
11.	B.Sc. (Hons.) - Physics	03 Years
12.	B.Sc. (Hons.) - Chemistry	03 Years
13.	B.Sc. (Hons.) - Mathematics	03 Years

#### Faculty: School of Liberal Arts

Sr. No.	Programme	Duration
1.	Bachelor of Arts (B.A.)	03 Years
2.	B.A. (Hons.) English	03 Years
3.	B.A. (Hons.) Psychology	03 Years
4.	B.A. in Journalism & Mass Communication	03 Years

#### DOCTORAL PROGRAMMES RESEARCH DEGREE COMMITTEE

The Research Degree Committee is responsible for quality research in all the doctoral programmes in the University.

#### The constitution of Research Degree Committee (RDC) is as follows:

- a) Prof. (Dr.) Devendra Pathak, Vice Chancellor as RDC Chairman
- b) Prof. (Dr.) Ajay Singh, Principal (SALS) as Member Secretary
- c) Prof. (Dr.) Abhishek Joshi, Director (SA & IT Services) as member
- d) Prof. (Dr.) Rajesh Bahuguna, Dean (LCD) as member
- e) Prof. (Dr.) Pradeep Suri, Dean (UIM) as member
- f) Prof. (Dr.) S.D Pandey, Dean/ Director (UIT) as member
- g) Prof. (Dr.) Vikas Jakhmola, Dean (UIPS) as member
- h) Prof. (Dr.) S.P. Gairola, Dean (R&D) as member
- i) Prof. (Dr.) Shriya Goel, Dean (SLA) as member
- j) Prof. (Dr.) Poonam Rawat, HOD (LCD) as member

#### Roles and Responsibilities of Research Degree Committee (RDC)

- 1) Approval of Supervisors
  - In all the cases, the RDC shall approve supervisors and co-supervisiors for every candidate.
- 2) Approval of Synopsis

The RDC shall examine the synopsis of the proposed Ph.D. research work and shall take the following decisions:

- (i) Synopsis approved as such.
- (ii) Resubmit synopsis after major corrections in the next RDC meeting.

#### Ph. D. PROGRAMME

Sr. No.	Stream					
1.	Ph. D. in Computer Science & Engineering					
2.	Ph. D. in Mechanical Engineering					
3.	Ph.D. in Computer Application					
4.	Ph. D. in Physics					
5.	Ph. D. in Chemistry					
6.	Ph. D. in Biotechnology					
7.	Ph. D. in Law					
8.	Ph. D. in Management					
9.	Ph. D. in English					

#### **ELIGIBILITY CRITERIA FOR DOCTORAL PROGRAMMES**

A Master's degree of a recognized University in a relevant field (Engineering/ Technology/applied & Life Sciences/Humanities/Social Science/Commerce/Law/ Management etc.) with not less than 55%

marks in aggregate or "B" grade on UGC 7-point scale (or equivalent grade in a point scale wherever grading system is followed). A relaxation of 5% of marks, from 55% to 50% or an equivalent relaxation of Grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently bled and other categories of candidates as per the regulations of UGC/Central Government from time to time.

- 1. The candidates who have completed their M. Phil. course work with at least 55% marks in aggregate or its equivalent grade B in UGC's 7-point scale (or equivalent grade in a point scale wherever grading system is followed) and successfully completing the M. Phil. Degree shall be eligible to proceed to do research work leading to Ph.D. in the same institution in an integrated programme. A relaxation of 5% of marks, from 55% to 50%, or an equivalent grade, may be allowed for those candidates belonging to SC/ST/OBC (non-creamy layers)/differently abled and other categories of candidates as per the decision of the UGC from time to time.
- 2. A person whose M. Phil. Dissertation has been evaluated and the viva-voce is pending may be admitted to the Ph.D. programme of same institution.
- 3. Candidates possessing a degree considered equivalent to M. Phil. Degree of an Indian institution, from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for Ph.D. programme.
- 4. A relaxation of 5% marks, from 55% to 50% or an equivalent grade, may be allowed for those candidates belonging to SC/ST/OBC (non-creamy layers)/ differently abled and other categories of candidates as per the decision of the UGC from time to time, or for those who had obtained their Master's degree prior to 19<sup>th</sup> September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible only on qualifying marks without including the grace marks procedures.

#### <u>Note:</u>

- ◆ One semester full time course work is mandatory for pursuing Ph. D. programme, and
- Publications of two articles in international journal of repute are necessary for award of Ph. D. degree.
- ✤ All the programmes offered by the University are full time and regular. University is not offering any course through distance mode.
- Guidelines of the UGC Regulations dated 18<sup>th</sup> July, 2018 are being complied with.

#### **RESEARCH SCHOLARS (PH.D.) ADMITTED**

Following scholars were enrolled for Ph.D. in the various streams during the year 2020-2021:

Sr. No.	Stream	No. of Students admitted
1.	Management	05
2.	Law	03
3.	Computer Science & Engineering	03
4.	Mechanical Engineering	01
5.	Computer Application	02
6.	Biotechnology	02

The enrolments of the candidates in Ph.D. programmes are made complying with the provisions contained in UGC (Minimum Standards and Procedure for Awards of M. Phil/Ph.D. Degree), Regulations, 2009, 2016 and 2018. The course structures of the course work of the Ph. D. programmes are also designed keeping in mind the guidelines contained in the above said regulations of the UGC.

#### **CAMPUS OF THE UNIVERSITY**

The campus of the Uttaranchal University is picturesque and is spread over 80 acres of land on the NH 72 with approx. 90000 sq. mt. constructed area. The campus is unitary in nature and is located at the heart of the city. The campus is easily accessible by public mode of transport from all strategic points of the city i.e., Airport, Railway Station, ISBT, Clock Tower, Rajpur, Raipur, Dakpathar and Vikas Nagar etc. The whole campus is clean-green and eco-friendly.

The University buses are available for commuting the students and Faculty Members from all most all parts i.e., Raipur, Rajpur, Doiwala, and Vikasnagar of the city.

The University has separate hostels for boys' and girls' students. There are fourteen hostels on the campus, 8 for Boys and 6 for Girls. Hostels can accommodate approximately 2400 students and offer single, double, triple and four students occupancy facility. The students can choose the accommodation of their choice. Each hostel has separate Warden and Assistant Warden to cater the genuine needs of the occupants. The University has well documented hostel rules to be followed by the occupants. Hostels have their Mess Committees also. The laundry facility is also available for the hostellers.

The Hostels have their distinct identification such as:

Boys Hostels - 8 Numbers

- ➢ P. J. Abdul Kalam
- Chandra Shekhar Azad
- > Aryabhatt
- Subhash Chandra Bose
- Sardar Patel
- Sardar Bhagat Singh
- Maharana Pratap
- V. Raman

Girls Hostels - 6 Numbers

- Kasturba Gandhi
- Sushila Devi
- Kalpana Chawla
- Laxmibai
- Sarojani Naidu
- Annapurna

#### Swami Vivekananda Auditorium

Uttaranchal University houses Swami Vivekananda Auditorium having a seating capacity of 1200 and incorporating state-of-the-art features. To mention a few:

The Sound System comprises of 26 Yamaha Speakers, consisting of crisp monitors, powerful sub speakers and roof concealed speakers, giving the audience immersive surround sound experience.

- Heavy duty acoustic treatment eliminates all noise and reverb leading to better sound experience.
- Dotted Cinema Screen, the best for any sort of visual playback, and throw of powerful Sony Projector having ultra-short throw lens for uninterrupted presentations.
- Control Room having industry standard amps from Yamaha and Yamaha TF-5 ( a top notch digital mixer which allows upto 40 channel input for live shows and can also be mixed via Ipad wirelessly).
- > Multiple Motor Operator Theatre Curtains.
- Four Light Bars consisting of powerful Been Lights, LEPS, Profile Halogens and Sharpy Lights capable of creating the required ambience and effect.
- Microphones of brands like 'Share' and Yamaha' aid in delivery of best quality studio live presentation required for cultural and other performances.
- The stage is capable of hosting webinars, debates, cultural events, panel discussions and the like.
- The Fire Alarm and Safety System is highly responsive and up to date as per the latest norms of fire safety.

The classrooms are equipped with latest teaching-learning aids and devices. The classrooms are well ventilated and adequately illuminated. Most of the classrooms are Smart Classrooms. Every School/Institute/College of the University has its own Seminar Hall/Meeting Hall and Cabins for the faculty members.

The Laboratories are equipped with world class Laboratory instruments and are helpful in carrying out innovative advanced research as per the needs of industry. Every instrument wherever calibration is required has the Calibration Certificate. A register is also being maintained in every laboratory in which the primary details of the laboratory equipments is being maintained.

The Division of Research & Innovation of the University has recently equipped with ultra-modern laboratories with latest equipments, a few are named below. The newly established laboratories are to meet all the specialised central needs of the University. These laboratories are able to meet all the requirements of carrying out latest tests up to level of post-doctoral degree. The University is planning to extend the facilities of these laboratories to the nearby institutions and industry.

#### **Details of the Research & Innovation Laboratory**

Name of Faculty	Name of Laboratory	Amount (in Rs.)
	Material Science Laboratory	8,34,165.00
Division of Research & Innovation	Central Instrumental Laboratory	2,20,21,688.00
	Energy Storage Laboratory	58,85,320.00
Total Amount		2,87,41,173.00

Embodying the National Education Policy 2020, the University has established the Start-up, Incubation Centres and Skill Development Cell.

**COMPUTER CENTRE** - The Computer Centre manages campus IT infrastructure which includes

Data Center, Computer Laboratories, Staff Computers, Servers, Wi-Fi Device, and all the installed Information Technology products.

The Centre supports an institute wide 1000 Mbps fibre optic network that connects all the Academic Departments, Hostels, Library, Auditorium, and other Blocks.

The Computer Centre maintains internet services for 24 hours, 365 days in a year and has related to 1 Gbps and is being connected with high speed and uninterrupted connectivity through Sophos XG firewall.

#### **Details of Softwares**

- 1. Windows Operating System
- 2. Windows Server
- 3. Office 365
- 4. Microsoft RDP Server
- 5. Microsoft Security Essential
- 6. MS Team
- 7. MS SQL Server Std.
- 8. Vmware Vsphere7
- 9. Oracle
- 10. Kaspersky Antivirus
- 11. Sophos Antivirus
- 12. Zyxel NMS (ENC-50)
- 13. Autodesk Inventor
- 14. Tally ERP
- 15. SCO Openserver Enterprise Edition
- 16. Sigmaplot 13
- 17. Campsys (ERP Software)
- 18. Digital Microscopic Image Analysis & Micro Measurement Software
- 19. CNC Train Simulation
- 20. Original (URKUND)
- 21. Turnitin
- 22. Knimbus (Remote Access)
- 23. Ubuntu
- 24. Manupatra Annual Subscription
- 25. Westlaw Annual Subscription
- 26. Omnic Paradigm
- 27. Apex v2.1.001.0001
- 28. Smart Lab. Studio
- 29. Experimental Pharmacology Series
- 30. Adobe Creative Cloud
- 31. Visual Studio Std.
- 32. Turbo C++ AE
- 33. Coral Draw Graphic Suit

#### **Facilities and Services**

#### Server Room

We have a set of 5 Xeon servers of DELL R750 40 CORE Processor, DELL R530 & T420, IBM Blade and Rack Server and Storage.

#### **Computer Lab**

Computer Lab, which has over 1500 machines with latest software tools, fully net-live (with some sites firewalled).

#### Internet

A dedicated leased line connection of 1 GBPS has been installed to offer high-speed internet access on all the machines in the campus. Internet access for all machines connected to the University network. Internet operates 24 hours a day, 365 days a year.

#### Wi-Fi Campus

Motorola, EnGenius & Sophos Wireless setup has been installed to offer high speed 24×7 internet access in the campus. An open learning atmosphere is promoted through the use of a fully wi-fi enabled setup across the campus.

#### Firewall

SOPHOS XG identity-based Unified Threat Management (UTM) appliances offer comprehensive protection against Internet threats, including viruses, worms, Trojans, spyware, phishing, pharming and more.

#### **Reprographic Section**

Printing and Scanning facility are also available in the Computer Centre for students and faculty members through our high-speed Printers and Scanners.

#### **E-Mail Services**

All University Officials, Faculty Members, Staff and Students are provided email services and net surfing for research work.

#### Microsoft 365

Microsoft 365 is the most complete and secure cloud productivity and collaboration solution. The following services provide by Microsoft 365.

It includes Microsoft office apps, like Word, Excel, Power Point, and outlook, up to 5 devices. Users do not need to install new version of office again. Automatically update from Internet. User can save the data to the cloud and access from anywhere.

It includes MS Team for online classes and meetings. It includes 1 TB file storage in the cloud with One Drive.

**CENTRAL LIBRARY** – The carpet area of the Central Library, the Information Resource Centre is 2330 sqm. The Central Library is designed to meet the needs of the users with an aim of providing

"Anytime, Anywhere Access" to information, the Central Library supports University in building an excellence in academics and research by establishing a knowledge hub.

Area	
Covered Area	: 2330 Sqm.
Seating Capacity	: 414
Digital Library	
Computer for Users	: 29
Media Section	
Interactive Panel	: 01
Dish	: 01 (For Swayam Prabha Channels)
Projector	: 01
Books	
No. of Books (Print)	: 154571
No. of e-Books	: EBSCO e-Books Engineering Core : 6619 Collection
EBSCO e-Books Collection	: 10271
EBSCO e-Books Collection (BSE)	: 3452
Gandhi Heritage Portal	: 2746 (English & Regional Languages)
E-Books (JSOTOR)	: 30000 Approx. (in 27 Regional & International
Languages )	
Bound Volumes of Journals	: 2785
Ph.D. Thesis	: 31
Dissertations	: 1099
Periodicals Journal	
National	: 155
International	: IEEE ASPP-190, Hein Online-150, Sage – 28, Weslaw-17,
EBSCO-BSE-600, Indianjournals.com - 26	
Magazines	: 43
Newspapers	: 34
E-Resources	
Elsevier Scopus	: Database
EBSCO – BSE	: Database & Cover Approx. 600
International Journals	
Manupatra	: Database (Cover NLU Journals)
SSC Online Web Edition Platinum Plus	: Database
JSOTOR (Archive Journal & Primary	: Database

Source 9 Formerly JSOTR Indian Core Collection						
Westlaw Thomson Reuters	: Database (Cover 17 International Journal & 9 National)					
EPWRF (India Times Series)	: Database					
IEEE-ASPP	: e-Journal (Cover 190 Inter-National Journals)					
Indian Journals.com-Diva Enterprises	: e-Journals					
Hein Online Platinum	: e-Journals (150 International Journals)					
Sage Journals	: e-Journals					
CSIR-NISCAIR	: e-Journals					
EBSCO e-Books Engineering Core	: e-Journals Collection					
EBSCO e-Books Collection	: e-Journals					
Facilities						
Antiplagiarism Software	: Turnitin Original (Formerly known as Urkund) provided					
by Shodh Suddhi of INFLIBNET.						
Remote Access Facility	: Knimbus					
Inter Library Loan	: DELNET					
ETD	: Shodganga & Shodhgangotri					

The library holds a hybrid collection of printed as well electronic resources which include books, journals, databases, audio-visuals, CDs/DVDs, e-books, e-journals, reports, case studies, conference proceedings, training manuals, etc. on Applied Sciences, Engineering and Technology, Humanities, Management, Legal studies, Agriculture, Pharmacy etc.

The libraries are well automated with integrated software and have utilized Information Technology extensively to ensure that resources are accessible from anywhere at any time. Services such as Web OPAC for checking online availability and reserving online, remote access to e-resources and databases make the library user friendly. The University Library is also a member of INFLIBNET to check plagiarism in academia especially in research work. The University Library has Multimedia section to access NPTEL video lectures on various subjects and topics. It provides conducive environment for intellectual enquiry by providing user-focused services to obtain and evaluate scholarly information and knowledge. The Central Library is supported with the Departmental Libraries in each Faculty.

In compliance of the "UGC Minimum Standards and Procedures for Award of M.Phil./Ph.D. Degree Regulations 2016", the full text of each Ph.D. Thesis is being uploaded on the Shodhganga repository regularly.

#### **OTHER FACILITIES ON THE CAMPUS**

To meet the daily needs of the students, there are shops for stationery, confectionary, and daily need items where students can buy the things of their requirements at a reasonable price. Saloon for male and female students is also available in addition to Beauty Parlour for female students and staff. Cafeteria, Canteen, Food Court, Nescafe Kiosk, Tuck shops and ATMs (Bank of Baroda & Punjab National Bank) facility exclusively for the University community is available on the campus.

The University owned Ambulance is at the disposal of students and staff, in case of any emergency and minor ailment. Infirmity with primary health care facility is available on the campus. These facilities are exclusively meant for the students and staff of the University. A qualified MBBS Doctor heads the infirmity with adequate number of Nursing and support staff.

The University has tie-ups with leading hospitals in the city for major/minor treatment at concessional rates. The name of some leading hospitals as under:

- > Mahant Indiresh Superspeciality Hospital, Patel Nagar, Dehradun
- Max Superspeciality Hospital, Rajpur Road, Dehradun
- Ramrati Eye Hospital, Premnagar, Dehradun
- > Bohra Mother & Child Care, Premnagar, Dehradun
- I. Playgrounds and Courts for Outdoor and Indoor games namely, Cricket, Football, Volleyball, Basketball, Badminton, Table Tennis, Chess, Carom are there on the campus to meet the sports and physical fitness needs of the students and staff.
- II. The University is also having ultra-modern Gymnasium equipped with latest fitness equipments. The Gymnasium facility is available for boys' and girls' student separately. The University is also having Coach for the guidance of students.
- III. The University is also having Yoga Facility with a Yoga Trainer for the students and staff.
- IV. The University carries out its cultural activities through its 39 various Clubs at the Schools/Institutes/College and University level to enhance all round creative skills and sense of brotherhood amongst the students through multi-functional cultural and recreational activities.
- V. The University has also a state-of-the-art Auditorium named "Swami Vivekanand Auditorium" with a seating capacity of 1200 persons. The Auditorium is equipped with ultra-modern equipments and facilities.
- VI. The University is generating its electricity through its own Solar Energy Plant (Capacity of 208 KW). In addition to this solar energy plant, the University is also having its two Generators for 24X7 power backup.
- VII. All buildings on the campus are fitted with Fire Extinguishers, other firefighting gazettes and Fire Alarms with trained staff.
- VIII. The University is also having its own Sewerage Treatment Plant (STP) on the campus with trained staff.
  - IX. The University is also having Rainwater Harvesting facility on the campus.
  - X. The University is also having its own two Electric Golf Cars for the use of students, staff, and visitors for campus visit and maintaining the campus pollution free.

#### **RESEARCH AND DEVELOPMENT**

#### Vision

To create a research & innovation ecosystem and focus on transdisciplinary research contributing to local, regional, national and global thrust areas.

#### **Mission**

- Utilizing best practices in teaching, research & innovation and delivering the best academic facilities to research and students.
- Providing an environment for the students and faculty member to conduct innovative works.
- To publish novel research papers in high-impact journals and magazines, as well as patents.
- To identify the fundamental needs to local, regional, national and global communities and work to address them through the development of innovative technologies.

#### **ONGOING SPONSORED RESEARCH PROJECTS**

The University is continuously enhancing its reach in grabbing Govt. sponsored research projects named DST and MNRE as per details given below:

#### DST, Govt. of India Sponsored Project

DST vide its sanction order NT/RUS/RFBR/347 sanctioned an Indo Russian project titled "Municipal wastewater treatment by microalgae and its following hydrothermal liquefaction to reach the sustainable and efficient use of renewable resources", Rs 23.71 Lacs is sanctioned for the project.

#### MNRE, Govt. of India Sponsored Project

A Research and Development project entitled "Design and Development of High-Performance Super Capacity Batteries for Solar Applications (Solar Lantern, Solar Home Light)" for Rs. 99.00 lacs, sponsored by Ministry of New & Renewable Energy (MNRE), Govt. of India, Delhi.

The sponsoring these projects enhance the credibility of the University in general and research competency activities in particular.

#### **CONSULTANCY PROJECTS**

The University has also been able to get consultancy projects from Industry and Corporates for providing their specialized services in the required fields. There are twelve important consultancy projects in different domains under the ambit of Uttaranchal University.

## **GRANT OF SEED MONEY TO THE FACULTY MEMBERS OF THE UNIVERSITY FOR RESEARCH**

The University is conscious to enhance its research activities multidimensionally. In order to encourage and motivate its young faculty members, the University is grating them seed money for accomplishing their innovative ideas through projects. The University has a well-defined mechanism for the grant of seed money to the young faculty members. The young faculty members submit the projects to the Research Wing of the University called Research & Development Cell. The R&D Cell on receipt of such proposals, evaluate them through a duly constituted Committee. This Committee recommends the projects with the finance required for accomplishing these projects to the Vice Chancellor. The Vice Chancellor forward the reports of the Committee with his/her recommendations to the Chancellor for sanctioning the project with required finance. A formal office order in this regard is issued by the Registrar of the University. A proper record of the progress with money spent is maintained by the Principal Investigator and periodic report submitted to the Registrar and Finance Officer. This year 16 Seed Money Projects amounting to Rs. 5,76,000.00 were sanctioned.



#### Scanning Electron Microscope (SEM) & Energy Dispersive Spectroscopy (EDS) (EVO 18)

A scanning electron microscope (SEM) is a type of electron microscope that uses a concentrated stream of electrons to scan the surface of a sample and produce images. When electrons collide with atoms in a sample, they produce a series of signals that reveal the sample's surface topography and composition. A scanning electron microscope (SEM) has a resolution of more than 1 nm. Due to the relatively narrow electron beam, SEM micrographs have a significant depth of field, giving them a characteristic three-dimensional appearance that is crucial for analysing a sample's surface structure. EDS (Energy Dispersive Spectroscopy) is a method for determining a material's chemical characterization or elemental makeup. EDS can be used to figure out what chemical elements exist in a material.



#### X-Ray Diffractometer (XRD)

XRD is a technique for determining a material's underlying crystal structure; it can be used to verify the crystallinity and structure of a sample but does not offer chemical information. XRD patterns can be used to calculate material lattice parameters, crystal (or grain) orientation, stress in crystalline areas, and secondary phases in the sample. It's a method of bulk characterization that produces an average diffraction pattern for the measured region. XRD is a nondestructive method that can be performed at room temperature and pressure.

BB4	
iD1 Transferitier	
thermoscientific	
Summit Li FTH Spectrometer	те

#### Fourier-Transform Infra-Red (FTIR) Spectrometer (Thermoscientific Nicolet Summit LITE iD1)

FTIR is a very versatile method for surface characterisation of nanoparticles. Under certain conditions, the surface chemical composition of NPs, as well as the reactive surface sites responsible for surface reactivity, may be determined. By detecting various functional groups from spectral bands, FTIR spectroscopy may be used to determine the conjugation between the nanomaterial and the adsorbed biomolecules. The frequency of vibration between atom bonds in the nanoparticle corresponds to the absorption peaks in the FTIR spectrum. The peak intensity of FTIR gives a clear indication of the components present, making it a useful tool for qualitative research.



#### UV Vis Spectro Photo Meter (LABMAN LMSP-UV 1900)

UV-vis spectroscopy compares the amount of discrete wavelengths of UV or visible light absorbed by or transmitted through a sample to a reference or blank sample in comparison to the amount of discrete wavelengths of UV or visible light absorbed by or transmitted through a reference or blank sample. The sample makeup has an impact on this attribute, which might indicate what's in the sample and at what concentration. Bacterial culture, drug identification, nucleic acid purity checks and quantification, beverage quality control, and chemical research are just a few of the fields where UV-vis spectroscopy is applied.



#### Glovebox

A glovebox is a sealed container used to manipulate things in situations where a different atmosphere is required. Gloves are incorporated into the glovebox's sidewalls so that the user can lay their hands inside and carry out duties without breaching containment. A section or all of the box is usually translucent to allow the user to see what is being changed. The glovebox enables a person to work with potentially dangerous substances such as radioactive materials or infectious disease agents, as well as substances that demand a very high purity inert atmosphere, such as argon or nitrogen. In a vacuum environment, a glovebox can also be used to manipulate goods.



#### **Biologic VSP-3e Potentiostat**

The potentiostat is used to examine the electrochemical behaviour of energy storage devices (supercapacitors, batteries, fules cells, solar cells, and so on), corrosion research, biosensors, and so on. Before going on to device construction, the nanomaterial must undergo electrochemical experiments such as current-voltage, charge-discharge, impedance spectroscopy, corrosion, retention, and fatigue utilising this equipment.

#### SCHOLARSHIPS AND FREESHIPS FOR THE STUDENTS SPECIAL PROVISIONS FOR THE STUDENTS OF UTTARAKHAND DOMICILE:

Though the Uttaranchal University is an equal opportunity institution and welcome students for admission to any course of study corresponding to their qualifications without any regard to race, colour, sexual orientation, national origin, age, gender, veteran status, disability or religion, as enunciated in Section – 10 of the Uttaranchal University Act. However, to flux the students from Uttarakhand, special provisions in the Act have been made as under:

(i) Section – 9 (17), 10 read with Section – 21 (1) enunciate, provision of 40% reservation in all its programmes to the wards/students of Uttarakhand State domicile; and

(ii) Section – 21 (2), wards/Students of Uttarakhand State domiciles are also being granted 26% scholarship/rebate in their tuition fee in all the programmes offering by the University. University adhering to the guidelines provided in the Uttaranchal University Act, Statutes, and the guidelines of State/Central Govts., Including UGC/PCI/BIC and other Statutory Regulatory Bodies as applicable.

#### **OTHER SCHOLARSHIPS/FREESHIPS**

In addition to the above scholarship/rebate in tuition fee, the University is also providing scholarships/freeships to the students of other states of India on the basis of merit on case-to-case bases which are as under:

- (i) Merit Scholarships
- (ii) Hilly States Domicile Scholarships
- (iii) Sushila Devi Scholarships to Girls
- (iv) Scholarships to the Ward of Defence Personnel
- (v) Scholarships to the Brother /Sister of Alumnus
- (vi) Scholarships to the Sibling

#### 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):

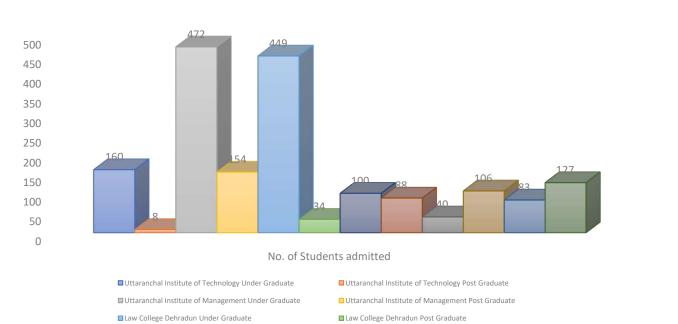
Veer	Name of the scheme	Number of students benefited by the institution's schemes and amount		
Year	Name of the scheme	Number of students	Amount (In INR)	
2020-2021	Merit Scholarship	307	1,35,42,739	
2020-2021	Hilly State Scholarship	40	9,98,128	
2020-2021	Sushila Devi Girls Scholarship	434	34,71,182	
2020-2021	Defence Ward Person Scholarship	139	9,16,213	
2020-2021	Alumni Scholarship (Brother & Sister)	13	95,896	
2020-2021Sibling Scholarship2020-2021University Alumni Scholarship		8	83,504	
		36	2,37,285	
<b>2020-2021</b> Freeship		2	6,03,696	
2020-2021 University Scholarship		63	27,94,579	
2020-2021	State Domicile Scholarship	2870		
2020-2021	Punching Scholarship (All India Candidate Only)	1429	2,37,02,000	
2020-2021	Sushila Devi Memorial Scholarship (Only Law Student)	8	60,000	
	Total	5349	4,65,05,222	

#### **STUDENTS DETAILS**

#### **STUDENTS**

The University has started its 2020-2021 academic session from September, 2020, the semester was delayed due to COVID-2019.

Name of the Schools	Programme Name	No. of Students admitted
	Under Graduate	160
Uttaranchal Institute of Technology	Post Graduate	8
	Under Graduate	472
Uttaranchal Institute of Management	Post Graduate	154
Leve College Dobro dur	Under Graduate	449
Law College Dehradun	Post Graduate	34
Uttaranchal Institute of Pharmaceutical Sciences	Under Graduate	100
	Under Graduate	88
School of Agricultural Sciences	Post Graduate	40
School of Applied 9 Life Sciences	Under Graduate	106
School of Applied & Life Sciences	Post Graduate	83
School of Liberal Arts	Under Graduate	127



- Uttaranchal Institute of Pharmaceutical Sciences Under Graduate School of Agricultural Sciences Under Graduate
- School of Agricultural Sciences Post Graduate
- School of Applied & Life Sciences Post Graduate
- School of Applied & Life Sciences Under Graduate
- School of Liberal Arts Under Graduate

#### **STUDENTS SUPPORT SYSTEM**

#### **STUDENTS COUNCIL**

The Uttaranchal University involves students at various levels in different committees and clubs during their stay to develop and inculcate the management perspective, social responsibility, learning skills of leadership and team building efforts. A student council acts as a forum for the entire student body and works actively to foster a better learning atmosphere through faculties and mentors. A sense of personal responsibility among students is encouraged by the student council. Council heads meet the Dean Student Welfare and Dean/Directors of all departments to discuss any problems and suggestions for enhancement of services in the University.

#### **STUDENT SUPPORT COMMITTEES**

- 🖊 Anti-Ragging Committee
- 🖊 Cultural and Students Activities Committee
- 🖊 Students Grievance Redressal Committee cum Equal Opportunity Centre
- Students Code of Conduct Monitoring Committee
- Students Disciplinary Committee
- 🖊 Students Disability (Divyangjan) Committee
- Students Games and Sports Committee

#### **OTHER COMMITTEES OF THE UNIVERSITY**

- Caste Based Atrocities Redressal (SC/ST) Committee
- Faculty and Staff Grievance Redressal Committee
- 🖊 Internal Complaint Committee (ICC) for Gender Based Violence

#### **EXAMINATION**

#### **EXAMINATION COMMITTEE**

Examination committee (EC) is the main committee for the examination. The constitution of Examination committee (EC) is as follows:

- a) The Vice Chancellor as Chairman
- b) The Controller of Examinations (COE) as Member Secretary
- c) The Registrar as member
- d) Director, SA & IT Services as member
- e) Director HR & CR as member
- f) Director/ Dean of Faculty of Engineering & Technology (Uttaranchal Institute of Technology) as member
- g) Director/ Dean of Faculty of Law & Legal Studies (Law College Dehradun) as member
- h) Director/ Dean of Faculty of Engineering & Technology (Uttaranchal Institute of Management) as member

**Note:** Chairman may co-opt or invite any person to the meeting. Such members may participate in debate but will not have the right to vote.

#### Roles and Responsibilities of Examination committee (EC)

- i. The major responsibility of Examination committee (EC) is to ensure the proper conduct of examination viz. paper setting, Date-sheet preparation, Post and Pre- examination work.
- ii. Examination committee (EC) shall recommend examination reforms and shall implemented them after due approvals.
- iii. Examination committee (EC) shall approve the prepared detailed time table (Date Sheet) of examinations by Examination Department.
- iv. The Examination committee (EC) shall arrange for strict vigilance during the conduct of examination so as avoid use of unfair means by the students, faculty and invigilators.
- v. For any meeting of Examination committee (EC), one-third members shall constitute a quorum.
- vi. The members of Examination committee (EC) shall meet at least twice during the academic year and at other times as and when necessary.

#### **ANNOUNCEMENT OF RESULTS**

The results of the End Semester Examinations (Even & Odd semesters) were announced within a week of the last examinations.

## ANNUAL REPORT OF EXAMINATION INCLUDING THE PRESENT STATUS OF AUTOMATION

100% automation of entire division & implementation of Examination Management System (EMS). The entire ERP of Uttaranchal University works on two different applications.

- 1) Web Application
- 2) Windows Application

Examination Department uses specific modules in both web and windows application.

In Web Application Exam Cell uses following modules.

- 1. Login
- 2. C-Exms
  - i. Subject Re-evaluation
  - ii. Date sheet Scheduling
  - iii. Online Examination
  - iv. Online Evaluation
  - v. External Marks Transfer
- 3. Grievances Module

In Window Application Exam cell uses following modules.

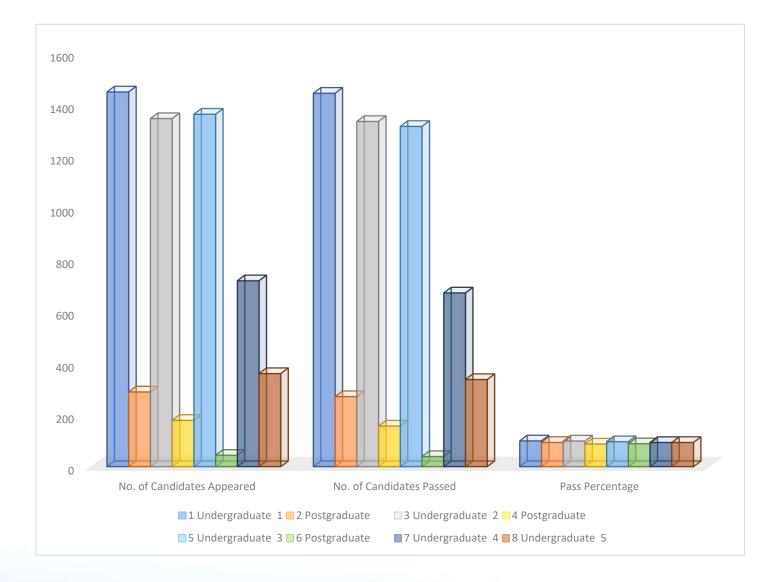
- 1. Login Module
- 2. Home Page
- 3. Marks Entry
- 4. Back Marks Entry
- 5. Back Result Generation
- 6. Result Generation
- 7. Reports
  - i. Numerical Return
  - ii. Admit Card Generation
  - iii. Marksheets
  - iv. Tabulation Chart
  - v. Result Analysis
  - vi. Students Marks History Report

#### **RESULT ANALYSIS**

The result analysis for the Academic Session 2020-2021 is as under:

S. No.	Programme	Year	No. of Candidates Appeared	No. of Candidates Passed	Pass Percentage
1	Undergraduate	1	1448	1443	99.65
2	Postgraduate	1	289	271	93.77
3	Undergraduate	2	1345	1334	99.18
4	Postgraduate	Z	179	157	87.71
5	Undergraduate	3	1362	1315	96.55

6	Postgraduate		44	39	88.64
7	Undergraduate	4	719	672	93.46
8	Undergraduate	5	360	337	93.61

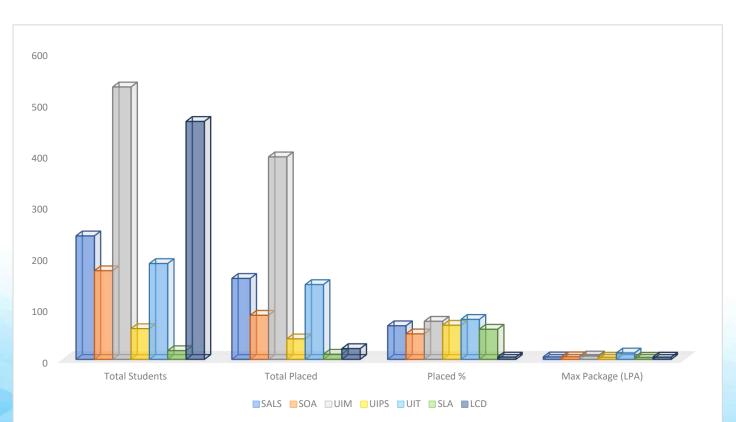


#### STUDENT PLACEMENT SUPPORT CORPORATE RESOURCE CENTRE (CRC)

The Corporate Resource Centre in Uttaranchal University is fully equipped to provide career guidance and placement support to it students. It has got excellent infrastructural support for placement related activities in the form of a state-of-the-art Auditorium and an ultra-modern Commuter Laboratory. The University is a hub for pool drive in the entire region due to the reputation of its interface with industry and immaculate operations. The University despite COVID-2019 impact has been able to arrange campus placement/off campus placement reasonably appreciable. The placement details are given below:

S. No.	College	Total Students	Total Placed	Placed %	Max Package (LPA)
1	SALS	241	158	65.56	4.8
2	SOA	173	86	49.71	5
3	UIM	531	395	74.39	6.6
4	UIPS	60	40	66.67	4.08
5	UIT	187	146	78.07	12.4
6	SLA	17	10	58.82	4
7	LCD	464	21	4.53	4.35

#### PLACEMENT DETAILS FOR THE SESSION 2020-2021:



# **International Collaborations**



Sul Ross State University



#### University of Prince Edward Island



International Collaboration with Kenyatta University



#### International Law Students Association (ILSA)



Ufa State Petroleum Technological University

# National Collaborations



### **University MoUs**

- IIT Bombay (Foss Program)
- IIT- Delhi (Virtual Lab) The Indian Society for Technical Education
- ICT Academy
- Computer Society of India (CSI)
- > Oracle Workforce Development Programme
- Alliance Engineers, Patiala
- Ahluwalia Project Management & Consultancy Pvt. Ltd., Patiala
- Sam Automation Technologies Pvt. Ltd., Mohali
- > VM Technologies, Chandigarh
- > Rapid Solutions, Patiala
- NPTI, Naya Nangala, Punjab
- Indian Society of Technical Education (ISTE)
- Institute of Electrical and Electronics Engineers (IEEE)
- Computer Society of India (CSI)
- > CETPA Infotech Pvt. Limited
- > Genesis Technobuild Private Limited
- Sakr India Private Limited, New Delhi
- Mapping Skills
- > Rab & Rab Associates LLP, Dehradun
- Institute of Peace and Conflict Studies (IPCS), New Delhi
- > CLAT, NUALS, Kochi , Kerala
- International Law Students Association (ILSA)
- S.S. Rana & Co., New Delhi.
- Orbit Biosciences, Haridwar
- Elemi Herbs, Shamli
- > SVP Life Sciences, Selaqui, Dehradun
- Himalaya Meditek Pvt. Ltd., Selaqui, Dehradun
- Narbriton Healthcare Pharmaceuticals Pvt. Ltd., Okhla, New Delhi
- Sub-District Hospital, Vikasnagar, Dehrdun
- CSIR-Indian Institute of Petroleum (CSIR-IIP), Dehradun
- Central Pulp & Paper Research Institute (CPPRI), Saharanpur
- Rapture Biotech International Pvt. Ltd., Noida
- > Pharma Instinct Pvt. Ltd., Chandigarh

- DNA Labs A Centre for Applied Sciences (DLCAS), Dehradun
- Ved Life Saver Pvt. Ltd., Selaqui, Dehradun
- American Chemical Society (ACS)
- Central Institute of Petrochemicals Engineering and Technology (CIPET): Centre for Skilling and Technical Support (CIPET:CSTS), Dehradun.
- TaqGene Training Research Institute (TGTRI), Dehradun
- Krishivan Research Centre for Agripreneurship Development & Environmental Protection Samiti, Dhulkot, Dehradun
- Krishvan Centre, Dhulkot, Dehradun
- > Abhinav Dairy Farm, Sahaspur, Dehradun
- > Unifiers Social Ventures Pvt. Limited
- English Language Teachers Association of India (ELTAI).
- Masterstroke Media Private Limited, Dehradun.
- > Parvatgen Digital, Dehradun
- > Democratic Wires, Dehradun
- JK News 24X7, Dehradun
- Association of Indian Management School (AIMS)
- Indian Society of Training & Development (ISTD)
- > Confederation of Indian Industries (CII)
- Association of Management Development Institutions in South Asia (AMDISA)
- > Miles Education Pvt. Ltd., Hyderabad
- Om Institute of Logistic & Supply Chain Management India Pvt. Ltd., New Delhi
- Hotel Ramada, Dehradun
- > United Republic Services Limited.
- Ensino Research & Development Private Limited.
- > Quality People Solutions, Dehradun
- Kamal Packaging, Dehradun
- Grey Springs Software Solutions Pvt. Ltd., New Delhi
- > THDC-IHET, Tehri Garhwal
- MKP-MIT, Dehradun
- Kumaon University, Nainital

The University has various Benevolence and Support Policy to keep its employees motivated. For this, the University grants number of incentives. A few are named below:

#### (i) Annual Appraisal

Every employee of the University is granted an annual appraisal. The teaching faculty is granted annual appraisal in the month of August and the non-teaching employees get their appraisal in the month of July every year. For the grant of annual appraisal, the Central Govt. rules as mentioned in GFR 24 and 26 are followed.

#### (ii) Incentive for Acquiring Higher Degree The teaching faculty of the University, who acquire Ph.D. degree are granted incentive in terms of monitory benefit to the individual concerned.

#### (iii) Fee Concession for Pursuing Higher Studies

The employees of the University who take admission in any of the programme offered by the University are help giving them a fee concession. Such employees are also permitted to deposit their fee in suitable instalments.

#### (iv) Fee Concession to the Wards of the Employees

The wards of the employees who take admission in any of the programme offered by the University are also given fee concession depending on the employees' financial conditions.

#### (v) Various Types of Leaves

The University with a view to keep the employees motivated grants many types of leaves such as, Casual Leaves, Earned Leaves, Festivals/Gazetted Holidays, Academic Leaves, Vacation/Semester Break, Medical Leaves, Leave Without Pay, Maternity Leaves, Compensatory Leaves, Study Leaves, Duty Leaves and Special Leaves.

#### (vi) Provision for Employees Provident Fund (EPF)

Every employee of the University who is getting salary up to Rs. 15,000.00 per month is covered under the University's Employees Provident Fund scheme. The limit of Rs. 15,000.00 is as per the Govt. directives.

#### (vii) Provision for ESIC

Every employee of the University who is getting salary up to Rs. 15,000.00 per month is covered under the University's Employees ESIC scheme for taking care of their medical necessities. The limit of Rs. 15,000.00 is as per the Govt. directives.

#### (viii) Provision for Group Insurance

All students and employees of the University are covered under the Group Insurance scheme. The cost for the scheme in respect of employees are borne by the University.

#### (ix) Provision for Advances

The University is also advance money for genuine reasons on the request of the employees. The amount of such advance depends on the need of employee.

#### (x) Incentive for Special Achievements

The Faculty Members who guide the Ph.D. students are compensated with grant of suitable amount of Rs. 25,000.00 in each case.

#### (xi) Incentive for Quality Publications

The University is also granting incentive to the Faculty Members whose publications are of quality and are published in SCOPUS, Web of Sciences and SCI and other reputed Journals. The University also bears the expenses for publications.

#### (xii) Incentive for Participation in Seminars/Workshops/Conferences/ FDPs

The University encourage the Faculty Members to participate in Seminars/ Workshops/Conferences/FDPs of importance. For this, the University grants leave, registration fee and Travelling allowances for participation in the Seminars/Workshops/Conferences/FDPs.

#### **TIE-UPS WITH THE LEADING HOSPITALS**

With a view to care the health aspects of its students and employees, the University has entered into tie-ups with leading Super speciality and other specialist hospitals namely., Shri Mahant Indiresh Hospital, Patel Nagar, Dehradun, Max Super speciality Hospital, Rajpur Road, Dehradun, Bohra Mother & Child Care, Premnagar, Dehradun and Ramrati Eyes Hospital, Premnagar, Dehradun for providing indoor and outdoor medical facilities to its students, faculty and staff members at concessional rates. In the above health care centres, the University students get special treatment in indoor and outdoor facilities available with them. The employees, teaching and non-teaching both including their dependent family members get treatment on concessional rates with special attention in all facilities offered by these hospitals.

#### **EVENTS FOR THE CALENDAR YEAR 2021**

The campus of the University remained live with the hassle-bustle of student's multi-dimensional activities of academics, extracurricular, sports, cultural meets, visits of distinguished personalities etc. Some of the events are of such importance that needs to be mentioned here as per details below:-

# January

### 2021

#### School of Liberal Arts

#### National Energy Conservation Day- 01st January 2021

"Earth provides enough to satisfy every man's needs, but not every man's greed." -Mahatma Gandhi

It has been rightly mused that "Energy Conserved is Life Preserved" The conservation of energy is one of the most discussed topics in this century. The rapidly depleting resources are an alarm for the whole human race to endeavour steps to preserve the precious elements of Earth and keep it equipped with resources for the future generations as well.

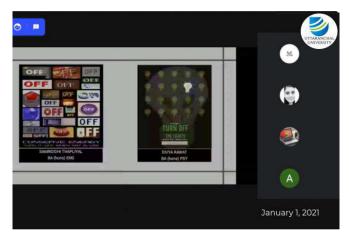
In order to mark the importance of one of the most crucial topics of the 21st century, i.e., Energy Conservation, the School of Liberal Arts hosted a virtual event to celebrate the "National Energy Conservation Day". Art and Creativity amalgamated together and brought out an amazing event. The event was 'Poster and Collage Making' on the theme of Energy Conservation. The Literary Club of SLA collaborated with the Cultural Club of SLA and organized this event to make the 1st year students come up with their hidden talents.

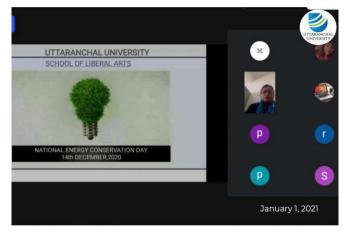
The event commenced with a Welcome Speech by Arman Joshi [B.A.(Hons.) English] wherein he heartily welcomed the honourable guests and the students of the SLA. Prof. (Dr.) Shriya Goyal (Dean-SLA) , Dr. Reeta Rautela , Mr.Komil Kumar, Dr. Pinki Chugh, Dr. Ashima Saxena, Dr. Seema Gupta, Ms Anamika Thapa, Mr.Ved Prakash Bhatt and Ms. Smriti Uniyal witnessed the programme and appreciated the students. A video compiled by Vaibhav gave the programme a motivational start as it highlighted the necessity of energy conservation and enlisted steps to safeguard all the resources that contribute to the production of energy.

The event was hosted by Nandini [B.A. (Hons.) English], who gave a cheerful introduction of the participants. Every department participated enthusiastically and the students came up with applaudable art works. The intricacies and the message that was weaved in the canvases were inspirational and motivational. The participants were invited successively and they elucidated their views of the art work made by them. The faculty and the students were amazed to see such fascinating mix of colours combined with admirable artistic skills.

The programme concluded with a Vote of Thanks delivered by Khushbu [B.A.], who brought the programme to a graceful end. All the attendees that included the faculty and the students were thanked for their benign presence throughout the event and being an amazing audience. The teachers praised the amazing attempt initiated by the clubs of SLA to host a virtual event that was both enjoyable as well as informative.

The entire SLA fraternity looked forward to organize and relish many such events in the upcoming future as well to descend the distance amidst this global crisis.





# January

## 2021

Uttaranchal Institute of Technology online event on 'Gender Equity'

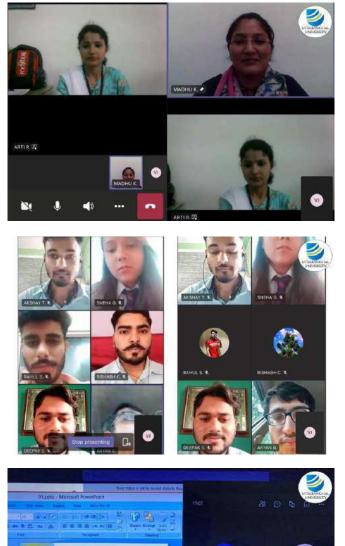
#### Online event on 'Gender Equity'- 04<sup>th</sup> January 2021

Women Cell –Uttaranchal Institute of Technology organized an online event on Gender Equity on 4th January 2021, on the Birth Anniversary of Savitribai Phule, who was instrumental in women's liberation and education. "Go, get education" was Savitribai Phule's appeal to women, in particular, and to people from the backward castes. She exhorted them to get education as a means to break free from the shackles of sociallyconstructed discriminatory practices.

The coordinator of the event was Ms. Arti Rana. The event was organized through MS-Team and the students of UIT participated in the event.

The event started by the opening remark of Ms. Madhu Kirola-Head, Women Cell-UIT. In her speech she stated that technology and the internet can be a great enabler for girls but lack of opportunities, skills and a fear of discrimination prevent many from using and creating digital tools and online content. She also discussed the issues of increasing cases of violence in India due to technology and ways to safeguard oneself. The students presented their views online regarding the importance of technology and how it can reduce gender discrimination. Ms. Sneha, student of B.Tech. Third Year, talked about Digital Literacy, Online Harassment and its repercussions, Skimming and Correct use of Social Networking Sites. She told being the part of developing country, where most of us are dependable on the internet, we should know what the technology is offering to our society. In this digital era, women should not be afraid of using technology instead they should come ahead and learn how to use it intelligently for the betterment of everyone.

The event concluded with a Vote of Thanks delivered by Ms. Madhu Kirola – Head. Women Cell. UIT).





#### Uttaranchal University

### Webinar on 'Teachings of Swami Vivekananda' in observance of "National Youth Day"- 12<sup>th</sup> January 2021

Uttaranchal University organized a Guest Lecture on January 23rd, 2021 on "Post-Covid: The New Normal" in the Seminar Hall. Dr. Alok K. Mishra, Joint Secretary, Association of Indian Universities, New Delhi was the Invited Speaker. Dr. Sameer Saran, renowned Scientist of ISRO was the invited guest. The inception of the event took place with a warm welcome accorded by the Hon'ble Chancellor and Hon'ble Vice-Chancellor.

Prof. (Dr.) Rajesh Bahuguna, Dean-Law College Dehradun delivered an introduction of the guests to the audience and presented a video on their contribution to the society. Dr. Mishra has 16 years of experience of research, teaching, planning and administration. He has multidisciplinary background with expertise in law, criminology, psychology and philosophy. Dr. Alok Mishra did his Ph.D. in 'Psychology in Mind Body Medicine' and is Post Doctorate from AIIMS, New Delhi. He did his LLM in International Law and Criminology from Bengor University UK and Sh.C. in Statelessness Law from University of Oxford. He is the second Indian recipient of International Cousins Centre Global Outreach award by APS in 2010 at Portland, USA. He is among the world's prominent brain analysts and he has analyzed the brain behavior of people like Virat Kohli, Mrs. Kiran Bedi, Hon'ble President APJ Abdul Kalam and His Holiness the Dalai Lama. This was featured in Mega Icon Series telecast of National Geographic Channel. Dr. Mishra was awarded Innovative Scientist Award by Indian Academy of Health Psychology in 2017 and Bharat Gaurav Samman, 2018 by AKP News. Dr Mishra has served as a Judge Member in Special Court for Children Juvenile Justice Board and is a regular invitee to Delhi High Court for Juvenile Justice Committees.

Dr. Alok K. Mishra, in his lecture, shared his idea on the New Normal that is evident post Covid among the people around the world. He presented the mask as a basic tool for survival from now on and highlighted the process for propagation of the acceptance of the New Normal. Creating an aura of optimism, Dr. Mishra shared his personal experience as a patient as well as a healer in AIIMS. He presented the basic mantra of life: live the moment and value every life.

Dr. Mishra had also enlightened the listeners on his struggle and the process of his study on renowned public figures like Hon'ble President APJ Abdul Kalam, Dr. Kiran Bedi (Lieutenant Governor of Puducherry), Virat Kohli (Captain, Indian Cricket Team) and His Holiness Dalai Lama. Also, he shared his dream of the establishment of 'Post Covid Global Mind Body Care Centre' to help the patients to overcome the mental damage and providing a new hope of optimism towards life. He informed the audience about his intention of establishing the first centre in Rishikesh.

Observing the positivity in the hallway, the lecture session was concluded with Dr. Bahuguna delivering Vote of Thanks and the enlightened audience responding with applauses. All the Deans and Faculty Members were present to absorb and relish the experience as narrated by the renowned psychologist himself.











#### **Uttaranchal University**

### Guest Lecture on "Post Covid: The New Normal"- 23rd January 2021

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### NSS Unit of Uttaranchal University

### Tribute to Mahatma Gandhi on Martyrs' Day- 30<sup>th</sup> January 2021

Nation observes Martyr's Day on 30th January every year. On this day 'Father of the Nation' fell to the bullets of a fanatic while he was coming out after a prayer. In India, there are five days declared as Martyrs' Day. They are named in honour of those who laid down their lives for the nation. Of these, the first falls on January 30, the day when Mahatma Gandhi was assassinated in 1948. Mahatma Gandhi led the struggle for Independence that culminated in India getting freedom from British Rule on August 15, 1947. Bapu, as he was lovingly called, played one of the most prominent roles in India's freedom struggle and strived to attain freedom through non-violence and peaceful methods. Nation remembers the apostle of peace by remembering the Mahatma Gandhi's message of truth and non-violence even when faced with gravest of provocation.

NSS Unit of Uttaranchal University paid tribute to the Father of the Nation by observing a two-minute silence in remembrance of the sacrifice of all the freedom fighters on 30th January 2021 at 11:05 am. All the Faculty Members and students stood at their place and observed a two-minute silence.









### School of Applied and Life Sciences

### Seminar on "Role of Women in Recent Trends of Scientific Research"- 09<sup>th</sup> February 2021

A seminar on "Role of Women in Recent Trends of Scientific Research" was organized on 9th February, 2021 by Student Chemistry Club "Resonance" and American Chemical Society (ACS)-UU International Chapter under the aegis of School of Applied and Life Sciences, Uttaranchal University. The event was cosponsored by International Union of Pure and Applied Chemistry (IUPAC) and Royal Society of Chemistry. 9th February 2021 was celebrated as "Global Women's Breakfast (GWB 2021)" by IUPAC. The event was held to say #thank you to the women who have made their significant mark in various fields of sciences. The event is a brain child of International Union of Pure and Applied Chemistry which organizes 'Global Women's Breakfast' every year to assist and recognise women chemists to expand their network of contacts at all level including local and internationally. Women at different stages of their individual careers are encouraged to inform each other about their career progress and together explore opportunities in professional development.

The event was inaugurated by Hon'ble Vice Chancellor Prof. Devendra Pathak, Dean-Applied and Life Sciences Prof. Ajay Singh, Dean – Engineering Prof. S.D. Pandey and Dr. Bharti Ramola (Head- Woman Cell) by lightening the auspicious lamp followed by the recital of the University Anthem.

Dean of Applied Science and Research Prof. Ajay Singh extended his warm welcome to all the dignitaries, Heads of Department, Faculty Members and students through his inaugural speech. Prof. Singh briefed the audience about the objectives of the seminar and described the details of the event. Prof. Singh spoke about woman empowerment in scientific field, especially in Indian scenario. Participation and role of woman is increasing every year. Participation of women has increased by more than 10 times as compared to 1950 in different higher government organisations like DST, DBT, CSIR etc. He appreciated the fact that in Uttaranchal University, female ratio is more than male in science programmes, which is about 60% in School of Applied and Life Sciences.

Hon'ble Vice Chancellor Prof. (Dr.) Devendra Pathak spoke about the contribution of women scientists and encouraged young students to participate more enthusiastically in such events and strive to achieve fame worldwide. Prof. Pathak appreciated the efforts of Applied and Life Sciences and congratulated for organizing such events. Dr S.D.Pandey, Dean – UIT addressed the audience and spoke about role of woman in engineering field.

Dr. Deepa Panwar of Biotechnology Department presented the contribution of Women in Life Sciences while Ms. Kajal Shrivastav gave a presentation on powerful women in Food and Allied Industries. Students participated in Poster Presentation, in which Ms Ayushi of B.Sc. (Hons.) Food Technology stood First, Ms Pushpa of M.Sc. Chemistry was Second, Mr Shivam and Ms Shivangi Anand of M.Sc. Chemistry stood Third. Shelly Kulwanshi (B.Sc. (Hons.) Food Technology) and Shivangi Kandiyal [B.Sc. (Hons.) Physics] were appreciated for their presenation.

Dr. Bharti Ramola coordinated the Inaugural Session and presented Vote of Thanks to all dignitaries. Mr. Shivam Pandey coordinated in the event as the Organising Secretary. Dr. Amita Sati and Dr. Poonam Negi coordinated Poster Presentation Session.

Dr. V.K. Srivastava (HOD-Maths), Dr Nishesh Sharma (HOD- Biotechnology), Dr. Shilpa Sharma(HOD-Food Technology), Dr. Bhupendra Rawat (HOD-Physics), Dr. Minaxi Memoria (Head- Computer Science), Dr. Waseem Ahmed (Coordinator-Alumni), Dr. Rohit Sharma (Coordinator-Placement) along with







# February

### 2021

#### Law College Dehradun

### 'Donation Drive'- 08<sup>th</sup> & 09<sup>th</sup> February 2021

Law College Dehradun, faculty of Uttaranchal University, in collaboration with Rotary Club Dehradun, organized 'Blankets and Cloth Donation Drive' for the benefit of downtrodden people in slums near Nanda ki Chowki area of Dehradun. The event was organized under the aegis of Rotaract Club of Law College Dehradun (RCLCD).

Under the worthy guidance and leadership of Prof.(Dr.) Rajesh Bahuguna, Dean- Law College Dehradun, collection drive was started in the campus on 8th and 9th February, 2021. During the drive hundreds of winter cloths and blankets were donated by the faculty members and students of Law College Dehradun. Rotary Club of Dehradun also contributed some blankets and encouraged the students to help the poor and needy. The distribution drive took place on 15th February 2021. The drive was led by Mr. Amit Kumar, Assistant Professor, LCD and Faculty Advisor of RCLCD along with Rtr. Ananya Gosain, President – RCLCD and Rtr. Neetu Banduni, Secretary – RCLCD. Many students of Law College Dehradun came forward and volunteered in the distribution drive.

Our little actions can truly have the power to light up the lives of others and we are grateful beyond measure to have contributed to bringing about a positive change in the lives of those in need. This act of generosity and kindness reflected the social consciousness of Law College Dehradun.







# February

### 2021

### School of Liberal Arts

### Guest Lecture in observance of "World Radio Day"- 13<sup>th</sup> February 2021

On the occasion of "World Radio Day" Media Club, under the aegis of Department of Communication, SLA, organized a Guest Lecture on the topic 'Role of radio in education' on 13th February, 2021. Mr. Anil Dutt Sharma (IIS) was the eminent speaker of the event. Mr. Anil Dutt Sharma has a massive work exposure in the field of radio. Currently he is working as Field Publicity Officer, Ministry of Information, Government of India.

The lecture started at 11:00 a.m. Dr. Jitendra Sinha, Head of the Department – Department of Communication, SLA, welcomed the guest with a bouquet. Mr. Anil Dutt Sharma mesmerized all the students with his extraordinary teaching skills. The lecture was more like an interactive session wherein the students asked about how to make their career in the field of Radio Broadcasting. He told the students about the means & methods of attaining good knowledge of the world and current affairs. He also shared some of his past experiences. He further guided on the ways of facing the challenges of media field. He stated that a fresher in the field of media should start their media career with print media so that they can understand the news and writing style. He gave examples of best radio commentators and their radio journeys. He gave some tips and ideas to students on attaining sustainability in the field of mass media.





## February

### School of Applied and Life Sciences

#### A one-day Educational Tour to Central Institute of Petrochemicals Engineering & Technology (CIPET)-13-Feb-2021

A one-day Educational Tour to Central Institute of Petrochemicals Engineering & Technology (CIPET), Doiwala (Dehradun) was organized by Department of Chemistry, School of Applied & Life Sciences, Uttaranchal University, Dehradun, for the students of B.Sc. (Hons.) Chemistry, M.Sc. Chemistry & M.Sc. Industrial Chemistry on 13th February, 2021. The tour was organized under the guidance of Prof. (Dr.) Ajay Singh, Dean – School of Applied & Life Sciences. Dr. Waseem Ahmed (Coordinator for Educational Tours – SALS) and Ms. Sukhdeep Kaur (Coordinator- M.Sc.) accompanied the Dean with students.

The main objective of this educational tour was to enhance the knowledge of the students regarding various Polymer Processing Techniques and provide information regarding the career aspects in plastic industries. This visit was also organized as a part of Entrepreneurship Awareness Program on Injection Molding Process Technology and was organized with CIPET-Dehradun, for which theoretical part was covered through online classes and practical part was completed through offline presence in CIPET Labs. This visit and Entrepreneurship Awareness Program were activities concerned with the mutual collaboration between Uttaranchal University and CIPET.

Initiatives for skill enhancement of students were taken with the efforts of Dr. Ajay Singh, Dean-SALS and Mr. N.K.Gupta ,Director – CIPET. Mr Abhishek Rajwansh, Dy.Director of CIPET facilitated the visit for the faculty and the students of Uttaranchal University.

Mr. Brijesh Kumar Singh, Training In-charge of CIPET, accorded a warm welcome and briefed about the Central Institute of Petrochemicals Engineering & Technology (CIEPT) – an organization of Department of Chemicals & Petrochemicals Ministry of Chemicals & fertilizers, Govt. of India. He described the objectives of the training programme being conducted by CIPET.

Mr. Sameer Sharma, Technical Officer, delivered a short presentation about the various departments and their functioning of CIPET.

Dr. Ajay Singh (Dean-SALS) delivered a talk on importance of polymer composites and applications and at the end he thanked Director, Dy. Director and other

staff members for their arrangement. After the presentation session the group visited different sections of CIPET and witnessed the practical implications of their theoretical knowledge about polymer processing.

This educational tour provided a great learning experience on





## March

### 2021

### School of Applied and Life Sciences

### One Day Educational Tour to UCOST - 03-March-2021

On the occasion of 'World Wildlife Day' Department of Chemistry organized an Educational Tour to UCOST. Dehradun on 3rd March, 2021 for the students of B. Sc. (Hons.) Chemistry. The objective of the tour was to participate in the event organised by UCOST on the occasion of "World Wildlife Day". The day is observed every year on March 3 to celebrate the world's flora and fauna. and to raise awareness about animals going extinct. The tour was organized by Prof. (Dr.) Ajay Singh, Dean – School of Applied and Life Sciences.

UCOST is an autonomous body of Department of Science & Technology, Government of Uttarakhand. It promotes science & technology socio-economic for benefit of the state and of the nation and coordinates such research and development projects and programmes (including demonstration projects) as are likely to be relevant to the achievement of specific objectives and problems and help in the fruitful exploitation of the natural resources of the State. The agency spread science and scientific temper and attitude amongst the people of the state and helps to disseminate scientific knowledge.

The students visited the Regional Science Centre of UCOST where they were very happy to see the various scientific models and latest technologies in the field of science and technology. They also attended an Expert Talk by, IFS Mr. Kunal Sathyarthi, on 'Conservation of Wildlife and Sustainable Development.'

Students found the visit to be real-life learning experience and were excited to feel the dynamic vibes of Science. The students realized the **REGIONAL SCIENCE CENTRE** 







# March

### 2021

#### **Uttaranchal University**

### Phenomenal 'International Women's Day'- 08<sup>th</sup> March 2021

"Define success on your own terms, achieve it by your own rules, and build a life you're proud to live." – Anne Sweeney

Uttaranchal University celebrated 'Himalayi Nari Shakti Samaan 2021' on the auspicious occasion of "International Women's Day" on 8th March 2021, under the aegis of Women Cell of Uttaranchal University and Sexual Harassment Redressal Cell, powered by the collective efforts of the Women Cells of all the sister concerns namely LCD, UIT, UIM, SALS, UIPS, SOA and SLA. The occasion was adorned with the presence of Hon'ble Chairperson of State Women Commission Smt. Vijaya Barthwal as the Chief Guest of the event while Chief Development Officer of Dehradun Janpad Ms. Nitika Khandelwal was the Guest of Honour amidst the presence of Hon'ble Chancellor and Vice Chancellor of the University Shri.

Jitender Joshi and Prof. (Dr.) Devendra Pathak respectively as the distinguished guests on the occasion. The event commenced with the felicitation of the guests followed by the lighting of the auspicious lamp by the dignitaries.

The event was hosted by Nandini [B.A. (Hons.) English], who gave a cheerful introduction of the participants. Every department participated enthusiastically and the students came up with applaudable art works. The intricacies and the message that was weaved in the canvases were inspirational and motivational. The participants were invited successively and they elucidated their views of the art work made by them. The faculty and the students were amazed to see such fascinating mix of colours combined with admirable artistic skills.

Uttaranchal University in itself is a symbol of the concept 'Gender Parity' as it honours and recognizes the strength and unique abilities of its women employees and girl students to the fullest. Every year 'International Women's Day' is celebrated with great grandeur as a mark of recognition of social, economic and cultural achievements of women. This year 32 women engaged in multiple spheres as civil services, regional services, medical services, nursing services, educationalists, social services, entrepreneurs and the like were awarded with 'Himalayi Nari Shakti Samaan 2021' in the jampacked Seminar Hall of Law College Dehradun.

Prof. (Dr.) Rajesh Bahuguna, is his address, stated that Himalayi Women are famous for their diligence, endurance and capacity for socio-political movements throughout the country. "Movements like Chipko and Uttarakhand State Movements are the symbols of revolutionary spirit of Himalayan Women". He also took pride in the fact that Law College Dehradun has produced several judges who are serving the nation and proudly acclaimed that out of them nearly 80% of them were female.







This was followed by a thought kindling speech delivered by the young & vibrant Chief Development Officer Ms. Nitika Khandelwal who maintained that women empowerment actually meant freedom of choice of work like male counterparts in different functional spheres and the same would, according to her, be construed as the true equality. She also added that, "A woman who is happy in doing whatever she does is said to be empowered and it is also everyone's responsibility to facilitate other women to exhibit their skill sets.

This was followed by the distribution of awards to the following recipients:

S. No.	<b>Recipients Name</b>	S. No.	<b>Recipients Name</b>	S. No.	<b>Recipients Name</b>
1	Mrs. Nitika Khandelwal, IAS, Chief Development Officer Dehradun	12	Mrs. Shilpa Bhatt Bahuguna, Owner, PIZZA ITALIA	23	Dr. Vineeta Mittal, Acupressure Specialist
2	Mrs. Kamini Gupta, Member Secretary, State Commission for Women	13	Mrs. Rajendra Kaur Sondhi, Vice-Chairperson, Garhi Cantt Cantonment Board, Dehradun	24	Ms. Sweta Rai Talwar, Social Activist
3	Mrs. Manisha Saini, Deputy Commissioner, State Tax	14	Ms. Divya Agrawal, Director, Wood Shop	25	Ms. Isha Batra, Psychologist
4	Dr. Ruchika Garg, Senior Gynecologist	15	Ms. Urmila Pandita, Director, SAAR Advertising	26	Dr. Kamna Garg, Director, OM Color Creation
5	Mrs. Shivani Kaushik Gupta, President, Sarv Mahila Shakti	16	Ms. Kalpana Agrawal, Director, Kalpana Q-Creations	27	Ms. Anju Singhal, President, Gayatri Sahyog Samiti Mahila Sanstha
6	Mrs. Silky Jain Marwah, Executive Director, TULA'S Institute	17	Ms. Deepika Kukreti Verma, Director, DITYA Enterprises	28	Ms. Ruchi Singh, Psychologist
7	Mrs. Gaganjot Kaur Maan, Managing Director, Doon International School	18	Ms. Gigi Pathak, Director, GiGi Welness	29	Ms. Priya Gulati, Director, Baggit Consulting Group
8	Ms. Anuradha Pant, Transport Tax Officer	19	Ms. Manju Harnal, Owner, Grace Sringar Center & Boutique	30	Dr. Sonal Sharma, HoD, Computer Science, Uttaranchal University
9	Ms. Pragya Pant, Transport Tax Officer	20	Ms. Sweety Gosain, Kathak Dancer	31	Prof. Poonam Rawat, Head, Law College Dehradun, Uttaranchal University
10	Ms. Nalini Gosain, Journalist & PR Expert	21	Ms. Sunita Rawat, Senior, Nursing Officer, Coronation Officer	32	Ms. Vinni Gupta, Chartered Accountant, Partner, Vinni Gupta & Company
11	Ms. Divya Soni, Director, G.S. India Defence Academy	22	Dr. Anubha Pundir, Social Activist		

The Chief Guest of the occasion Smt. Vijaya, Hon'ble Chairperson of State Women Commission distinguished the empowered and weak women not as a literate or illiterate women respectively but a women capable of taking decisions or lacking in the same. Speaking on foeticide, she observed "When an effective law was formulated on foeticide, it was resolved that we will build a society where women will have equal powers in the decision making process compatible with their male counter-parts." When differentiation stops at home, it will be then that we can look forward to a society that embraces equality. She also appreciated the role of Smt. Swati Bhadauria the District Magistrate during the Chamoli Disaster. The guest expressed that such award ceremonies will motivate women to go a long way in doing more deeds of self-empowerment leading to gender equality consequently.

Mr. Kunwar Raj Asthana, Editor-in-chief of 'Divya Himgiri', Uttarakhand's first weekly news magazine, shared his words of wisdom and this was followed by an interesting speech by Dr. Gitika Khanna, Senior Pediatrician. She stressed on the importance of woman, as she is pivotal for a home, society and a nation. As females it is the solemn responsibility to take care of one's health. Ms. Gaganjot Kaur, Managing Director of Doon International School, averred that women empowerment comprises of advocating for women's rights and standing up for them. She discussed few laws in this regard and stressed the need for involvement of women in the field of law.

In continuance the book 'Aanchal Banta Aasmaan' composed by Shri Manoj Srivastava was released by the dignitaries in the mist of warm applause by the audience. This was followed by the Distribution of Prizes for the series of events organized in the university in observance of 'International Women's Day'.

Vice Chancellor of the University Prof. (Dr.) Devendra Pathak extended his heartiest Vote of Thanks to all the guests present on the occasion. He put forward his views on issues like foeticide, diminishing female vs. male ratio and women empowerment. He offered many examples while stating the condition of women and the ancient contemporary during periods. Hon'ble Chancellor of the University Shri. Jitender Joshi, in his address to the gathering, stated that right from the germination of the university upto its steady development and sustained growth, women power has been constantly instrumental. He further maintained that his mother was the prime inspiration in the establishment of Sushila Devi Centre for Professional Studies and Research, the culmination of which is the Uttaranchal University.

The event turned to be a great success as more than 200 women from various spheres were the beneficiaries of the event. Those present on the occasion were Mrs. Vijaya Barthwal, Chairperson, Uttarakhand State Commission for Women, Mrs. Nitika Khandelwal, IAS, Chief Development Officer, Dehradun, Chancellor Mr. Jitender Joshi, Vice Chancellor Prof. (Dr.) Devendra Pathak, Mr. Kunwar Raj Asthana, Editor in Chief, Divya Himgiri, Dr. Rajesh Bahuguna, Dean – Law College Dehradun, Ms. Gaganjot Kaur Maan, Mr. Manoj Kumar Srivastava, Information & Public Relation Department, Ms. Kamini Gupta, Ms. Manisha Saini, Mrs. Rajendra Kaur Sondhi, Dr. Poonam Rawat, Dr. Shriya Goyal, Dr. Bharti Ramola, Mr. Sunil Aggarwal, Dr. Gitika Khanna and more than hundreds of Faculty Members and girl students of Uttaranchal University.



# March

### 2021

School of Liberal Arts

Faculty Development Programme on "New Ways of Learning and Teaching Methods in Covid-19 Pandemic"- 25<sup>th</sup> February to 13<sup>th</sup> March 2021

School of Liberal Arts organized a two-week online Faculty Development Programme on "New Ways of Learning and Teaching Methods in Covid-19 Pandemic from 25 February, 2021 to 13 March, 2021.

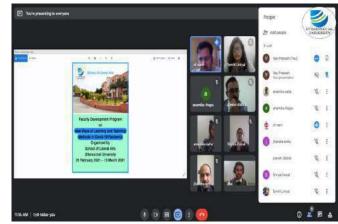
As schools and colleges were shut down as a preventive measure to contain the spread of COVID-19 the educators decided to reshape the mechanism of imparting lessons. The changes included shifting to online teaching process, conducting online assessments and creating content suitable for remote learning using different tools & technology. However, shifting from 'offline mode' to 'online mode' has its own challenges as each student has his/her own pace of studying. While some may need more time others may need more material to achieve the same outcome. The event was hosted by Nandini [B.A. (Hons.) English], who gave a cheerful introduction of the participants. Every department participated enthusiastically and the students came up with applaudable art works. The intricacies and the message that was weaved in the canvases were inspirational and motivational. The participants were invited successively and they elucidated their views of the art work made by them. The faculty and the students were amazed to see such fascinating mix of colours combined with admirable artistic skills.

As we find solutions to these challenges, we see glimpses of the future of learning. The crisis has led to some elements of learning being changed permanently.

Prof. (Dr.) Ashish Kulshrestha, Head-Mass Communication Department, SGRR University, Dr. Sayar Ahmad Mir, Associate Professor-Mass Communication Department, Graphic Era Hill University and Dr. Muddasir Sultan, Assistant Professor Mass Communication Department, Subharti University, Meerut were the Keynote Speakers.

Before officially inaugurating the online Faculty Development Programme Prof. (Dr.) Shriya Goyal, Dean-School of Liberal Arts delivered the Welcome Address and stressed on the need of such programs in the unprecedented times and said that the teachers' ability to engage students in debate and discussion, to mentor, coach, to inspire and to motivate is difficult to replicate in the online format and these sessions will definitely improve the overall teaching learning process of every participant.

The 14-day event concluded with a Vote of Thanks delivered by Dr. Jitendra Sinha, Head- Department of Mass Communication, School of Liberal Arts.









School of Applied and Life Sciences

### World Water Day- 22<sup>nd</sup> March 2021

BIOGENERIKA, the Student Club of Department of Biotechnology, School of Applied and Life Sciences, celebrated World Water Day on 22nd March, 2021 by organizing an Awareness Programme on 'Conservation of Water Resources'. As we all know no one can live without water and this is the primary requirement of all living beings. The occasion was adorned with the presence of Hon'ble Vice Chancellor Prof. (Dr.) Devender Pathak as the Chief Guest of the event while Dean of SALS Prof. (Dr.) Ajay Singh was the Guest of Honor. The event commenced with the felicitation of the guests followed by address of Dr. Nishesh Sharma. Prof. (Dr.) Singh, Principal SALS, stated about Water Day motto and importance of its conservation. He made the audience understand the importance of water in life. Earth is the only known planet in this universe that has water and life. The wastage of clean drinking water is one of the most serious threats in front of the world. This was followed by a thought kindling speech delivered by Prof. (Dr.) Devender Pathak, Hon'ble Vice Chancellor, who raised the awareness and conveyed that 2.2 billion people were living without access to safe water. It is about taking action to tackle the global water crisis. A core focus of World Water Day is to support the achievement of sustainable development. He also added about incineration of human bodies and its harmful effects on River Ganges.

The young & vibrant students of M.Sc. & B.Sc. (Biotechnology/Microbiology) gave PowerPoint Presentations on the theme of this year's World Water Day, i.e., 'Implementation of scientific knowledge in conservation of water & water bodies'. Prizes were given as a token of appreciation to the budding activists. Clifford Chand was awarded with 'Best Presentation' followed by Pallavi, Akshat and Aakruti winning Second Prize and Km. Munni won the Third Prize. The event was coordinated by Dr. Indra Rautela, Dr. Rohit Sharma, Dr. Vivekanand Bahuguna, Dr. Rakesh Matura, Dr. Deepa and Dr. Pallavi Joshi.





### Law College Dehradun

### Seminar on "Career Development – How to Achieve Success in Life"- 23<sup>rd</sup> March 2021

Law College Dehradun organized a Seminar on "Career Development – How to Achieve Success in Life" on 23rd March, 2021, in collaboration with Uttaranchal Institute of Management. It was an honour and privilege to welcome Ms. Pooja Anand, Head – Human Resources at Red Hat (IBM) and Mr. Vivek Anand, Associate Professor, Uttaranchal Institute of Management as the Keynote Speakers of the event. The event commenced with the felicitation of the guests and a warm welcome extended by Hon'ble Vice- Chancellor Prof. (Dr.) Devendra Pathak, who introduced the speakers to the gathering.

Ms. Pooja, in her address, captivated the audience by quoting down the example of Michelangelo (the famous Italian Sculptor). Then she threw light on the meaning of success stating, "Success is putting a structured framework towards achieving our goals." Moving on she discussed the seven keys to success in detail which includes balance, attitude, continuous learning, empathy, emotional intelligence, ethics & integrity, spiritual anchor and determination. The speaker also emphasised on the significance of growing mind-set, perception, leadership qualities and introspection with the audience. Ms. Anand concluded the session by foregrounding the importance of continuous learning as a key to a successful life. Mr. Vivek Anand then familiarized the audience with his childhood experiences thus adding more enlightening points to the discussion. He then accentuated the importance of positivity, determination and confidence in life.

The session came to an end with a Vote of Thanks delivered by Hon'ble Vice –Chancellor Prof. (Dr.) Devendra Pathak. The event was witnessed by students and faculty members of Law College Dehradun and Uttaranchal Institute of Management.









#### Law College Dehradun

### 'Emotional Tribute' to Immortal Martyrs'- 23<sup>rd</sup> March 2021

Law College Dehradun paid an emotional Tribute to the immortal martyrs of the nation on 23rd March, 2021 in the presence of Hon'ble Vice Chancellor of the University, Prof. Devendra Pathak as the Chief Guest on the gracious occasion. Every year this day is observed to commemorate the sacrifice of freedom fighters Bhagat Singh, Sukhdev Thapar and Shivram Rajguru. At the outset, Hon'ble Vice Chancellor offered flowers to the portraits of Shaheed-e- Azam Bhagat Singh, Rajguru and Sukhdev followed by faculty members, non-teaching staff and hundreds of students. Vande Mataram song was sung at the event and slogans were raised on the name of the martyrs of Indian Freedom Movement.

Prof. (Dr.) Rajesh Bahuguna, Dean of Law College Dehradun, in his address, remarked that the objective of the event was to convey the inspirational memories of immortal martyrs of the nation to the younger generations. "This, in fact, is the moral responsibility of every educational institution," he further remarked.

Honble Vice-Chancellor of the University, Prof. Devendra Pathak, in his address, observed that the three immortal martyrs made their supreme sacrifice in the freedom movement. He further maintained that it would be a befitting tribute to the martyrs if we wholeheartedly contribute towards building an India of their dreams.

Those chiefly present on the occasion were Vice-Chancellor of the University Prof. Devendra Pathak, Dean, Law College Dehradun Dr. Rajesh Bahuguna, Dr. Poonam Rawat, Dr. Anil Dixit, Mr. Naresh Semwal, Mr. Mukul Rawat, Mr. Amit Chaudhary, Mr. Jagat Narayan, Dr. J.S. Ojha, Mr. Abhiranjan Dixit, Mr. Sachin Bhardwaj, Mr. Ashwani Dwivedi, Dr. Mayurakhi alongwith the students of Law College.









Uttaranchal Institute of Pharmaceutical Sciences

### 'Clothes Donation Campaign'- 24<sup>th</sup> March 2021

Uttaranchal Institute of Pharmaceutical Sciences conducted a social campaign wherein it donated clothes to the homeless and needy people on 24th March, 2021. The students of UIPS collected the clothes and then after sorting and cleaning packed them for distribution. The collected clothes were distributed in the slum area of Nandi ki Chowki. The people expressed their thanks for this kind gesture.

All the faculty members supported the students. Dr. Vikash Jakhmola, Dean – UIPS, appreciated the students for their endeavour and said that one should donate and help others at least once a year. He further added donation gives you happiness and peace of mind.











#### Uttaranchal University

#### Seven-Day Special Camp- 20<sup>th</sup> to 26<sup>th</sup> March 2021

#### First Day (20-03-2021)

NSS Wing of the Uttaranchal University organized a seven-day Special Camp in Kanswali Kandoli Village from 20th – 26th March, 2021 to. Hon'ble Chancellor Shri Jitender Joshi and Vice-Chancellor of the University Prof. (Dr.) Devendra Pathak flagged off the bus from the University for the Camp Site.The camp was inaugurated in the Primary School of Gram Sabha in the presence of Gram Pradhan Mr. Mukesh Kumar and former Gram Pradhan & former Zila Panchayat Member Shri Megh Singh. During the Inauguration Ceremony NSS Coordinator of the University Prof. V. K. Srivastava described the aim and objective of NSS to the students in the current scenario. The session helped the student to know each other and the purpose of upcoming events.

Dr. Manoj Kumar Sharma, Sri Awadh Bihari Pal, Sri Dhiraj Bisht and Sri Viresh Kumar were present during the events.

#### Second Day (21-03-2021)

The second day of the Special Camp, coordinated by the NSS unit of Uttaranchal University, was started by the volunteers with a Prayer Service and an Exercise Session. The day began with a Yoga Session. The students engaged in various types of meditation, eye and neck exercises and sooryanamskaram. The session was a perfect start of the day. The volunteers felt fresh and energetic. After the morning tea and breakfast the volunteers assembled for the assembly. Thought for the day was conveyed and work was divided among the groups. Under the administration of the Camp Executive Officer Dr. V.K. Srivastava the volunteers cleaned the premises of the Camp Site and watered the plants and trees. During the Interaction Session the volunteers talked about cleanliness issues. The day closed with a social program which was coordinated by the volunteers. The event commenced with a Welcome Speech by Arman Joshi [B.A.(Hons.) English] wherein he heartily welcomed the honourable guests and the students of the SLA. Prof. (Dr.) Shriya Goyal (Dean-SLA), Dr. Reeta Rautela, Mr. Komil Kumar, Dr. Pinki Chugh, Dr. Ashima Saxena, Dr. Seema Gupta, Ms Anamika Thapa, Mr.Ved Prakash Bhatt and Ms. Smriti Uniyal witnessed the programme and appreciated the students. A video compiled by Vaibhav gave the programme a motivational start as it highlighted the necessity of energy conservation and enlisted steps to safeguard all the resources that contribute to the production of energy. The event was hosted by Nandini [B.A. (Hons.) English], who gave a cheerful introduction of the participants. Every department participated enthusiastically and the students came up with applaudable art works. The intricacies and the message that was weaved in the canvases were inspirational and motivational. The participants were invited successively and they elucidated their views of the art work made by them. The faculty and the students were amazed to see such fascinating mix of colours combined with admirable artistic skills.







#### Third Day (22-03-2021)

On the third day of the seven-day camp, coordinated by the NSS unit of Uttaranchal University, the volunteers deliberated upon and planned the maintenance of streets and seepage of water close to Omkareshwar Mahadeva Temple. Groups were entrusted the duty of surveying the village, cooking and road work. The day's work involved cleaning of road. Few groups remained at the camp site to assist in the kitchen.After lunch Dr. Srivastava elaborated upon the significance of Blood Donation. Thereafter the volunteers convey the vital information to the people of the area.

#### Fourth Day (23-03-2021)

The fourth day of the NSS camp began with prayer, exercise and suryanamaskar. After this the volunteers coordinated towards maintenance of streets and worked towards reduction of wastage of water in the slums. The volunteers informed the individuals about disinfection. Individuals were told how they could keep cleanliness. In the evening, the team deliberated upon "Beti Bachao Beti Padhao Abhiyan". Dr. V.K. Srivastava and Dr. Manoj Kumar Sharma were present throughout the discussion. In the evening, the volunteers spread awareness regarding Beti Bachao Beti Padhao Abhiyan. It was reiterated that one should never deprive a girl child of her childhood. A girl child ought to be educated. In the evening, the routine of the day was written in the diary subsequently concluding the fourth day of the camp.

#### Fifth Day (24-03-2021)

The fifth day of the NSS camp initiated with prayer and exercise. After this the volunteer cleaned the school premises. Azadi Ka Amruth Mahotsav was also observed on the 5th day of the camp. NSS Officer offered homage at the memorial erected in remembrance of the freedom fighters who laid down their life for the Nation. In the evening, the volunteers were enlightened on the adverse impacts of drugs and intoxication. Thereafter, the volunteers planned the evening's mission wherein they discussed about the adverse impacts of drugs and intoxication with the villagers. After this the volunteers wrote their everyday diary, thus, concluding the fifth day.

#### Sixth Day (25-03-2021)

The 6th day of the camp, coordinated by the NSS unit of Uttaranchal University, began with Surya Namaskar and prayer. Under the supervision of Dr. V.K. Srivastava the volunteers accomplished the objective of spreading awareness towards one's obligations towards the country. In the evening the volunteers strolled around the village and spread awareness regarding cleanliness. The volunteers also conducted a cleanliness drive in the slum area near Nanda ki Chowki.

#### Seventh Day (26-03-2021)

It was now time for the volunteers to bid farewell to their new companions as this was the last day of the camp. The banner was brought down and the volunteers shared the new experiences gained in NSS Camp 2021. This was when important analysis and inputs for future camps were discussed. During the camp the volunteers were able to contribute their best. They strived as a team throughout the 7 productive days thinking, planning and working together. All things considered, it was genuinely a momentous experience for each and every individual who was a part of NSS Camp 2021.





Uttaranchal Institute of Management

### 'Shiksha Daan'- 03rd April 2021

In pursuance of our resolve to educate school students, Globe Club of 'Uttaranchal Institute of Management' conducted the 'Shiksha Daan' Activity on 3rd April, 2021 at 'Akhil Bhartiya Mahila Ashram' Dehradun.

The activity was conducted under the guidance of Prof. (Dr.) Pradeep Suri (Dean, UIM), Dr. Amitabh Bhargav (HOD, Management) & Mr. Abhishek Pathak (In charge -Cultural and Academic Events ) and was executed with the coordinated efforts of Globe Club Members, namely, Mr. Rohit Dhiman (Head-Globe Club), Dr. Mayank Pant, Dr. Sangeeta Sundriyal, Dr.Sunil Shukla ,Mr. Deepak Tyagi and Ms.Sonakshi Bhatia.

The event was conducted in collaboration with a Dehradun-based NGO 'Jai –Youth Wing Shri Nityanand Swami Jan Sewa Samiti' with an active support extended by Shri Vinayak Sharma (President, Jai -Youth Wing of the Society), his team-members and the Principal of the school.

The student volunteers of UIM interacted with the school students and conducted two sessions.

The first session was conducted to apprise the students about COVID-19, symptoms and preventive measures. Further it was urged to follow these measures to prevent the spread of the COVID-19. The second session focused on the significance of exercise to change body, mind and attitude.









### School of Applied and Life Sciences

#### Badminton Tournament- 08<sup>th</sup> to 11<sup>th</sup> April 2021

Badminton Tournament was organized by 'Eureka Club' of Physics Department, SALS, Uttaranchal University, from 8th to 11th April, 2021 in the college premises. Boys and Girls Badminton Singles Event was conducted.

The tournament was inaugurated by Dr. B.S Rawat, Head-Department of Physics-SALS. More than 32 students from different departments viz. Physics, Chemistry, Food Technology, Biotechnology and Mathematics participated in the event. The event was organized by Mr. Prateek Uniyal, Sports Coordinator- SALS.

Dr. Nishesh (Head- Department of Biotechnology), Dr. Vikas Chaudhary, Ms. Reema Arora, Dr.Vivekanad Bahuguna and Mr. Shivam Pandey were present during the event.

S. N.	Boys	Class	Girls	Class	Posi tion
1	Rohit Bisht	B.Sc. (Hons.) Food Technolo gy; III Semester	Kavita Sharma	B.Sc. (Hons.) Food Technology ; Il Semester	1
2	Muhanifs al D.A	M.Sc. Food Technolo gy; II Semester	Aditi Negi	B.Sc. (Hons.) Chemistry; Il Semester	11
3	Kartik Chamoli	M.Sc. Food Technolo gy; II Semester	lshita Joshi	B.Sc. (Hons.) Chemistry; Il Semester	111











### **Uttaranchal University**

### "World Book & Copyright Day"- 23rd April 2021

Uttaranchal University Central Library organized an Essay Competition on the topic 'Struggles and Sacrifices made by our Freedom Fighters for Independent India' to celebrate "World Book & Copyright Day" on 23 April, 2021. It aimed to enable the students to realize the struggles and sacrifices made by our freedom fighters for achieving the goal of Independent India and also to inculcate the spirit of patriotism in them.





"A day to celebrate books as the embodiment of human creativity and the desire to share ideas and knowledge, to inspire understanding and tolerance"

United Nations Educational, Scientific and Cultural Organization

Organized by Central Library Under : "The Aegis of IQAC"

Specially keeping in view "World book & Copyright Day" students were informed about originality in work and the essays received were subjected to plagiarism check, as it is the prime objective behind the celebration of "World Book & Copyright Day", an event annually organized by United Nations Educational, Scientific and Cultural Organization (UNESCO).

The winners of the Essay Writing Competition were as follows:

First Position - Ms. Aditi Harsh / B.A.LL.B- II Semester / Law College Dehradun

Second Position - Mr. Himeshwer Sen / B.Pharma.- II Semester / UIPS

Third Position - Ms. Aastha Rastogi/ B.Sc. (Hons.) Agriculture IV Semester / School of Agriculture





**Uttaranchal University** 

### 'IEEE SIGHT Day 2021' a line-up of two event named as "Chhal Prapanch" & "Chitragatha"- 28<sup>th</sup> & 29<sup>th</sup> April 2021

On the occasion of 'IEEE SIGHT Day 2021' a line-up of two event named as "Chhal Prapanch" & "Chitragatha" were organized by Uttaranchal University IEEE Student Branch on 28th and 29th April 2021. The event was organized with due permission of IEEE Student Branch Counsellor Dr. Minakshi Memoria and was coordinated by IEEE Student Branch Coordinator Mr. Ravi Dhaundiyal and Event Coordinator Mr. Somil Kumar Gupta. Students from different disciplines were invited through digital means (Mails, WhatsApp Message etc.) to participate and enjoy the event. The event took place at MS Team under the supervision of Dr. Minakshi Memoria, Mr. Ravi Dhaundiyal and Mr. Somil Kumar Gupta.

"Chhal Prapanch" which was a trick trap game and a riddle marathon comprising of 4 different rounds with a unique way of acceptance of answers and awarding marks to them. Only 10 were collected and score was awarded on first come greater achieve basis (ranging from 10 to 1).

"Chitragatha" which was a picture description competition aimed to bring out the creativity of the participants. The participants were provided some pictures and were asked to build a story based on their imagination.

The event was a great success. The winners were awarded with certificates.



### Uttaranchal Institute of Technology

Group Discussion on "Gender equality is a human right, but our world faces a persistent gap in access to opportunities and decision-making power for women and men"- 12<sup>th</sup> May 2021

Globally, women have fewer opportunities for economic participation than men, less access to basic and higher education, greater health and safety risks, and less political representation. Guaranteeing the rights of women and giving them opportunities to reach their full potential is critical not only for attaining gender equality, but also for meeting a wide range of international development goals. Empowered women and girls contribute to the health and productivity of their families, communities, and countries, creating a ripple effect that benefits everyone.

A Group Discussion was organized online on MS- Teams on 12th May 2021in which 36 students of Uttaranchal Institute of Technology participated. The main objective of the event was to make students participate and place their views on "Gender equality is a human right, but our world faces a persistent gap in access to opportunities and decision-making power for women and men."

The activity was organized by Ms. Madhu Kirola, Ms. Nishima Chaddha and Ms. Niharika Rawat.

The Winners of the event were as follows:

First Position: Mr. Tanmoy Banerjee, B.Tech. (CE) II Year

#### I Runner-up: Ms. Mitali Joshi, B.Tech. (CE) III Year

#### II Runner-up: Mr. Yatendra Singh, B.Tech. (CE) III Year

Head – Department of Civil Engineering appreciated all the participants and awarded certificates to cheer them up and boost their moral.









Uttaranchal Institute of Management

### Career Development Workshop- 18<sup>th</sup> & 19<sup>th</sup> May 2021

A two-day Career Development Workshop was organized by Uttaranchal Institute of Management, Uttaranchal University, in collaboration with United Republic Services Pvt. Ltd. on 18th & 19th May, 2021 via the ZOOM Platform.

Mr. Raj Pandey, CFP CM & Corporate Trainer, was the eminent speaker for the said workshop.

Master of Ceremony, Mr. Shivendra Chaudhary and Dr. Mayank Pant hosted the workshop for BBA and B.Com. (Hons.) students and welcomed all the dignitaries.

On Day One, Mr. Pandey discussed the use of three weapons in Financial Management, i.e., Future Value (FV), Present Value (PV) and Regular Payments (PMT), which are very essential and evidenced to be very helpful in planning financial investments and managing these investments from time to time depending upon the need of the person. With the help of the advanced excel platform, he demonstrated the application of all these concepts by taking up different case studies for the better understanding of the students.

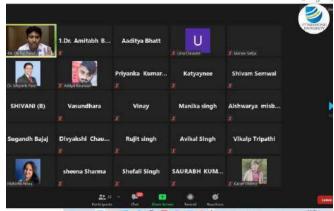
On Day Two, Mr. Pandey discussed the downward and upward trends of various stocks of different companies with the help of the website 'in.investing.com' and suggested the time periods when one should invest in the shares depending upon their bearish and bullish trends. He motivated students to start investing in a stepwise manner and once they understand the trends should go for more investments.

The workshop was very interactive, informative & was a great success. It was attended by approximately 70 students from BBA & B. Com. (Hons.).

Master of Ceremony proposed Vote of Thanks to Dean – UIM, Prof. (Dr.) Pradeep Suri for his guidance & support, Speaker Mr. Raj Pandey for the very informative sessions and all the dignitaries & students for their active participation.

The workshop was also attended by HOD-Management Dr. Amitabh Bhargava, along with other Faculty Members of Uttaranchal Institute of Management, Uttaranchal University.











#### Uttaranchal University

### Two-dayVirtualInternationalConference- 21st & 22nd May 2021

A two-day virtual international conference was organized at Uttaranchal University in collaboration with Sumeru Infrastructure, Training Basket and Bank of Baroda. The first day of the program was inaugurated by Honorable Chancellor Sh. Jitendra Joshi, Vice Chancellor Dr. Devendra Pathak and Dean UIT Dr. S.D. Pandey. The conference received over 305 research papers from around the world.

In the conference, researchers from across the country and abroad gave their presentation about innovations in various fields like computer science, mechanical, civil, electronics, electrical, petroleum and science engineering. The main objective of this two-day international conference was to make researchers and students aware of the new technology and innovations happening in the field of engineering.

The Vice Chancellor of the University, Prof. Dr. Devendra Pathak, wished all the students, teachers and all the guest speakers present on the occasion. He also encouraged the students and offered heartfelt congratulations on such an event organized by the Uttaranchal institute of technology. Dr. Pathak shared his experiences on the agenda of a twoday conference organized to promote research work in various fields. Dean UIT Dr. S.D. Pandey welcomed all the guests and participants, in his welcome address note and also highlighted the main objective of the conference. Conference Organizing Committee members Mr. Kapil Joshi and Mr. Parag Verma prepared the outline of the entire program and informed them about the main things related to the conference.

Research papers presented in the conference will be published in reputed international journal. The Chief Guest of this two-day online conference was Dr. Anil Kakkar, who is the Chairman of the Computer Society of India, Dehradun Chapter and the General Manager of ONGC and the key note speaker of the conference were Dr. Anand Nayyar, Dr. Millie Pant, Dr. David Ashirwatham, Dr. Ankur Dumka and Dr. N P Essien, Mr. Himanshu Chawala, Mr. Sanjay Kaul, Mr. Vijay Mahaskar and Dr. Ashok G. Matani.

On the second day, participants attended various sessions and the event was concluded with valedictory session. Dean UIT Dr S. D. Pandey gave valedictory speech and thanked all the participants, guests, teachers and students who were present on this occasion. In this two day online conference Dr. Meenakshi Memoria, Mr. Sanjeev Kumar Joshi, Mr. Awadhesh Chandramauli, Mr. Devendra Singh, Mr. Amit Kumar Sharma, Mr. Ankur Jaiswal, Dr. Sunil Ghildiyal, Dr. Shushant Singh, Ms. Aarti Rana, Mr. Prashant Chaudhary, Mr. Somil Kumar Gupta, Mr. Himanshu Goel, Mr. Satish Kumar Mahariya, Mr. Avnish Kumar, Mr. Arvind Singh Rawat, Mr. Sudhir Jugran, Mr. Gaurav Thakur, Mr. Gaurav Singh Negi, Mr. Basanta Baishya and all faculty members of UIT, were present.











### Uttaranchal Institute of Technology

#### "TECHSPARDHA"- 23rd & 24th May 2021

In this time of Covid when everyone is enforced to stay at home and follow a monotonous routine, Uttaranchal University Computer Science Society decided to make this time more productive.

UUCSS, under the supervision of Uttaranchal Institute of Technology, organized an event entitled "TECHSPARDHA" on 23rd and 24th of May, 2021. This event was conducted exclusively for the students of BCA, B.Sc. (IT), and B.Tech. (CSE). Platform used for organizing the event – HakerEarth. The event was divided into two rounds:

Round 1: Multiple-Choice Questions (30 MCQs based on Computer Fundamental, Programming Logic, General Aptitude and Logical Reasoning).

Slots for Round 1 were as follows-

For First Year Students: 11:00 am, 23rd of May, 2021.

For Second and Third Year Students: 3:00pm, 23rd of May, 2021. Candidates shortlisted from Round-1 further participated in Round-2.

Round 2: Coding Round (where coder has to code for real world problems).

Slots for Round 2 were as follows-

For First Year Students: 05:00 pm to 06:30 pm, 24th of May, 2021.

For Second and Third Year Students: 07:00 pm to 08:30 pm, 24th of May, 2021.

The total number of registrations was 144, out of which 89 students appeared for Round 1 (37 students from 1st Year and 52 students from 2nd-3rd Year).

For Round 2, only 36 students were shortlisted (15 from 1st Year and 21 from 2nd-3rd Year). Out of 36, 35 brave coders appeared for Round 2.

The results were further announced on TECHSPARDHA Telegram channel and on all the social media handles of UUCSS. From 1st Year Animesh Raturi (B.Tech. CSE) grabbed the First Position and Ashish Chauhan (B.Tech. CSE) & Vikrant Saini (B.Tech. CSE) won the title of 1st & 2nd Runner-Up respectively. From 2nd Year Jitender Singh (B.Tech. CSE, 2nd Year) was accorded the winner title and Mayank Gusain (B.Tech. CSE, 2nd Year) and Ayush Purohit (B.Tech. C.S.E., 2nd Year) won the title of 1st & 2nd Runner-Up respectively.

The event was organized under the guidance of Dr. Meenakshi Memoria (HOD – CSE) and Mr. Parag Verma (Faculty Coordinator – UUCSS) by the members of UUCSS.







### Uttaranchal University

### "One day Career Development Workshop on topic "Career opportunities in Retail Sector Post Pandemic"- 25<sup>th</sup> May 2021

It has been rightly mused that "Energy Conserved is Life Preserved" The conservation of energy is one of the most discussed topics in this century. The rapidly depleting resources are an alarm for the whole human race to endeavour steps to preserve the precious elements of Earth and keep it equipped with resources for the future generations as well.

In order to mark the importance of one of the most crucial topics of the 21st century, i.e., Energy Conservation, the School of Liberal Arts hosted a virtual event to celebrate the "National Energy Conservation Day". Art and Creativity amalgamated together and brought out an amazing event. The event was 'Poster and Collage Making' on the theme of Energy Conservation. The Literary Club of SLA collaborated with the Cultural Club of SLA and organized this event to make the 1st year students come up with their hidden talents.

The event commenced with a Welcome Speech by Arman Joshi [B.A.(Hons.) English] wherein he heartily welcomed the honourable guests and the students of the SLA. Prof. (Dr.) Shriya Goyal (Dean-SLA) , Dr. Reeta Rautela , Mr.Komil Kumar, Dr. Pinki Chugh, Dr. Ashima Saxena, Dr. Seema Gupta, Ms Anamika Thapa, Mr.Ved Prakash Bhatt and Ms. Smriti Uniyal witnessed the programme and appreciated the students. A video compiled by Vaibhav gave the programme a motivational start as it highlighted the necessity of energy conservation and enlisted steps to safeguard all the resources that contribute to the production of energy.

The event was hosted by Nandini [B.A. (Hons.) English], who gave a cheerful introduction of the participants. Every department participated enthusiastically and the students came up with applaudable art works. The intricacies and the message that was weaved in the canvases were inspirational and motivational. The participants were invited successively and they elucidated their views of the art work made by them. The faculty and the students were amazed to see such fascinating mix of colours combined with admirable artistic skills.

The programme concluded with a Vote of Thanks delivered by Khushbu [B.A.], who brought the programme to a graceful end. All the attendees that included the faculty and the students were thanked for their benign presence throughout the event and being an amazing audience. The teachers praised the amazing attempt initiated by the clubs of SLA to host a virtual event that was both enjoyable as well as informative.

The entire SLA fraternity looked forward to organize and relish many such events in the upcoming future as well to descend the distance amidst this global crisis.





### Uttaranchal University (Celebrate at Different Departments)

#### "World No Tobacco Day"- 31st May 2021

31 May is observed as 'World No Tobacco Day'. This yearly celebration informs the public on the dangers of using tobacco, the business practices of tobacco companies, what WHO is doing to fight the tobacco epidemic and what people around the world can do to claim their right to health and healthy living and to protect future generations.

Each year, the World Health Organization (WHO) marks the 'World No Tobacco Day' to raise awareness on the harmful and deadly effects of tobacco use and second-hand smoke exposure, and to discourage the use of tobacco in any form.

31st May is observed as "World No Tobacco Day". According to the World Health Organization (WHO)," Over 70 per cent of the 1.3 billion tobacco users worldwide lack access to the tools they need to quit successfully. This gap in access to cessation services is only further exacerbated in the last year as the health workforce has been mobilized to handle the coronavirus pandemic". The first international public health treaty, the WHO Framework Convention on Tobacco Control (FCTC), entered into force and became an international binding law in 2005. A study published in Lancet says, "Ending the global tobacco epidemic is a defining challenge in global health. Timely and comprehensive estimates of the prevalence of smoking tobacco use and attributable disease burden are needed to guide tobacco control efforts nationally and globally."

The 2021 theme and campaign of World No Tobacco Day is: Commit to Quit. So on this day, all students of Uttaranchal Institute of Technology pledged not to consume any tobacco products throughout their life. Students also pledged to create awareness in their surroundings regarding the side effects of tobacco consumption on the individual life as well as the suffering of their family.

School of Agriculture observed "World No Tobacco Day" on 31st May 2021. This year's theme is "Commit to Quit".

This yearly celebration informs the public on the dangers of using tobacco, the business practices of tobacco companies, what WHO is doing to fight the tobacco epidemic, and what people around the world can do to claim their right to health and healthy living and to protect future generations. As per the directives of Prof. (Dr.) Devendra Pathak, Hon'ble Vice-Chancellor of Uttaranchal University, the Cultural Committee of SOA organized an online program to disseminate awareness of dangers of tobacco among the students on MS Team online portal.









NSS Unit of Uttaranchal University

### "World Environment Day"- 5<sup>th</sup> June 2021

The NSS Unit of Uttaranchal University celebrated "World Environment Day" on 5th June, 2021. The day was celebrated by the organization of a 'Plantation Drive' in the University campus by the students and faculty members.

Environment Day is the biggest annual event which takes place for positive environmental actions and has been celebrated since 1973. This is the day wherein every individual can show his love for nature. The day also enables one to be more responsible in the way they deal with their surroundings. The theme of "World Environment Day 2021" is 'Ecosystem Restoration' and Pakistan is the Global Host for the event.

The members of NSS avowed their commitment of keeping their vicinity clean and green. A Quiz Competition was also conducted virtually through zoom wherein the student participated enthusiastically.

The event was graced by the presence of Hon'ble Chancellor Shri. Jitender Joshi, Vice Chancellor Prof. (Dr.) Devendra Pathak and Prof. (Dr.) Ajay Singh (Principal-SALS). The event was organized by Dr. V.K. Srivastava (Coordinator – NSS – Uttaranchal University).









Uttaranchal Institute of Pharmaceutical Sciences

### National Virtual Workshop on 'Preparation Strategies for GPAT and NIPER' – 10<sup>th</sup> June 2021

Uttaranchal Institute of Pharmaceutical Sciences, Uttaranchal University, organized a National Virtual Workshop on 'Preparation Strategies for GPAT and NIPER' on 10 June, 2021. Prof. (Dr.) M. Kishore Babu, Principal at Krishna Teja Pharmacy College, Tirupati, Andhra Pradesh, India, was the Guest Speaker of the event. His area of interest includes Development of Novel Drug Delivery Systems, Nanotechnology, to mention a few. 120 students have qualified in GPAT under his guidance in the past five years.

The workshop began with an Inaugural Speech delivered by the Organizing Secretary Dr. Tarun Parashar followed by the enlightening words of the Chief Guest of the event, Hon'ble Vice-Chancellor of the University Prof. (Dr.) Devendra Pathak. He appreciated the UIPS Team for conducting a workshop on such a knowledgeable and important topic and stressed on the importance of GPAT for better future for students. Prof. (Dr.) Vikash Jakhmola, the Dean – UIPS and Convener of the Event welcomed the guests and the participants along with faculty members on the virtual platform in his Welcome Note.

Prof. (Dr.) M. Kishore Babu explained the strategies for cracking the GPAT and NIPER Exam with proper time management tips. He also explained about the importance and benefits of the GPAT Exam for students and provided the list of important reference books for its preparation. He emphasized on the use of mnemonics to memorize the content in a very easy way.

A Dean Faculty of Gwalior Prof. Dr. A.K. Gnanachandran also addressed the participants. He advised the students to stay optimistic and gave important tips to the attendees. Approximately 400 participants from all over India including Bihar, UP, Uttarakhand, West Bengal, Jammu & Kashmir, Tamil Nadu, Karnataka, Rajasthan and Maharashtra attended the workshop.

The Workshop concluded with a Vote of Thanks delivered by Dr. Tarun Parashar, Associate Professor – UIPS.









### NSS Wing of Uttaranchal University

### 'International Yoga Day'- 21st June, 2021

NSS Wing of Uttaranchal University celebrated 'International Yoga Day' on 21st June, 2021. Following the COVID-19 guidelines and protocol, approximately 50 teaching and non-teaching staff actively participated in the activity and other members and students of the University participated through online mode. Yoga is an ancient physical, mental and spiritual practice that has its roots in India. The International Day of Yoga aims to raise awareness around the world, regarding the benefits of practicing the art of Yoga. The day is being celebrated since 21st June, 2015. "Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body; thought and action; restraint and fulfilment; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. By changing our lifestyle and creating consciousness, it can help in well-being."

Uttaranchal University has always felt proud in taking the great legacies and traditions of this country ahead. Besides, the University has given great importance to the holistic development of its students and therefore the University celebrated the International Yoga Day with enthusiasm on June 21, 2021 like the previous years.

The programme began at 9.30 am with the Welcome Address delivered by the Dean – SALS, Prof. Ajay Singh. Thereafter the Yoga Instructors, namely, Mr. Sashi Kant Dubey and Mr. Manoj Jayaswal (Bhartiya Yoga Sansthan, Dehradun) started the session with a prayer and explained how yoga embodies unity of mind, body and soul. The participants thereafter performed various Yoga asanas like Naukaasan, Dhanuraasan, Shavaasan, to mention a few.

All yoga asanas were initially demonstrated by the experts before being performed. Finally, the session ended with meditation and prayer.

The students participated virtually through video conferencing and also submitted their photos and videos performing Yoga asanas. The students showed their adeptness in yoga and many volunteers expressed their happiness after the session. The trainers, while addressing the volunteers, explained the scientific health benefits of doing various Asanas. It was also ensured that all volunteers did it in the right way and with enthusiastic spirit.

While speaking in the concluding ceremony of the event Dr. V. K. Srivastava said that the tradition of Yoga is thousands of years old and it has always helped in the moral and spiritual character development of the people who practiced it besides adding to their health.











### School of Applied and Life Sciences

### Webinar on "Crystallography and Technological Development"- 25<sup>th</sup> June 2021

A Webinar on the topic "Crystallography and Technological Development" was organized by Department of Physics, School of Applied and Life Sciences (SALS) on 25 June, 2021. The webinar started with a Welcome Note delivered by Dr. B.S Rawat, Head – Department of Physics, SALS.

Dr. Brajesh Tiwari was the Invited Speaker. He started with the need to learn about crystallography stating that for the development of practically all new materials hinges around crystal structure of material systems. Crystallography is the backbone for technological development of new products in aeronautic, automobile, computer, displays, defence, electromechanical, beauty care, agro-food, mining pharmaceutical etc industries. After introducing a general idea of symmetry as used in physics, the role of symmetry in understanding of crystal structure were highlighted. Crystal structure and its underlying symmetry for the presence or absence of certain physical properties with examples were discussed. Further crystal systems, unit cell, Braves lattices, lattice parameters etc were introduced with emphasis on space group (=translation group + point group) and symmetry. It is important to determine the crystal structure of any crystalline materials for its potential applications. Fundamentals of x-ray diffraction; the instrumentation, XRD pattern, interpretation of diffraction peaks and their intensities, data analysis etc were discussed in depth. Based on structural analysis, determination of crystallinity, crystallite size, lattice parameters were also introduced. Before concluding he presented his work explaining the presence of secondary phase based on XRD analysis (Rietveld refinement) and its effect of the physical properties.

The event concluded with a Vote of Thanks delivered by Dr. B.S Rawat in which sincere gratitude was expressed towards Hon'ble Chancellor Shri Jitender Joshi for extending his kind support and encouragement for organizing the webinar. Respected Vice Chancellor, Uttaranchal University and Principal – SALS were also thanked for their valuable presence.









Uttaranchal Institute of Pharmaceutical Sciences

### Guest Lecture on "Building Entrepreneurship Skills in Youth"- 5<sup>th</sup> July 2021

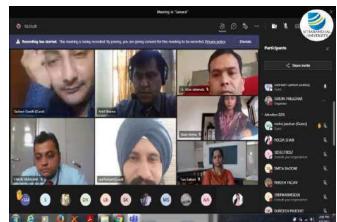
Entrepreneur Cell of Uttaranchal Institute of Pharmaceutical Sciences, Uttaranchal University, organized Guest Lecture "Building on а Entrepreneurship Skills in Youth" for Pharmacy students on 5 July, 2021 through Microsoft Team. Mr. Sacheen Gandhi, Founder of Healthcopeia & Health Talks was the Guest Speaker of the event.

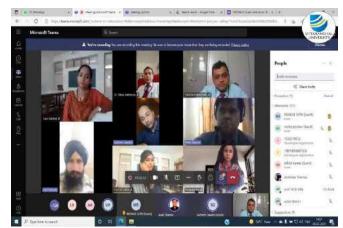
The event was inaugurated by Prof. (Dr.) Vikash Jakhmola, Dean – UIPS. Mr. Sacheen Gandhi explained about the importance of entrepreneurship for pharmacy students and how it is feasible for them to initiate startups and work independently in their career by running own business. He emphasized on the qualities of pharmacist as entrepreneur in his lecture. The session was very interactive as well as informative. The Guest Speaker resolved all the queries of the participants in the Question Answer Session.

The Guest Lecture was attended by more than 300 participants.

The event concluded with a Vote of Thanks which was delivered by Dr. Ankit Sharma, Assistant Professor – UIPS. E-certificate was distributed to all the attendees by the Organizing Committee.









### **School of Liberal Arts**

### 14-Day Faculty Development Programme on "Research Methodology"- 6<sup>th</sup> to 19<sup>th</sup> July 2021

School of Liberal Arts organized the Inaugural Ceremony of 14-Day Faculty Development Programme on "Research Methodology" (July 6th to 19th, 2021) on 6th July, 2021 through Microsoft Teams. The 14-Day Faculty Development Programme is being organized by Dr. Pinki Chugh under the guidance of Dean-School of Liberal Arts Prof. (Dr.) Shriya Goyal. The event began with Saraswati Vandana. Dr. Pinki Chugh welcomed all the delegates and participants, followed by a formal Welcome Address extended by Dr. Shriya Goyal towards the Chief Guest of the day, Prof. (Dr.) Rajesh Bahuguna, Vice Chancellor, Uttaranchal University, Dehradun, and all the dignitaries. Dr. Bahuguna congratulated the Faculty Members of School of Liberal Arts for the conduct of the event and wished its success.

Ms. Yashvi Panjrath introduced the cognoscenti, namely, Dr. Susheel K. Sharma, Professor, University of Allahabad, Dr. Siddhartha Jain, Professor and Dean-Research, College of Engineering, Roorkee and Dr. Peeyush Bangur, Associate Professor, Banasthali Vidyapeeth, Rajasthan. The agenda of the Faculty Development Programme was narrated by Ms. Anamika Saha followed by the lecture on 'Who Can Do Research' by Dr. Susheel K. Sharma extracting the conclusion that anyone with critical and creative mindset along with proper knowledge of research methodology can proceed to contribute through research. With the conclusion of the lecture, the room was opened for the Query Session wherein all the queries were aptly satisfied by the Expert of the Day. The event concluded with a Thank You Note delivered by Dr. Shriya Goyal.

Academicians and Researchers from across the nation participated in the event.





Uttaranchal Institute of Technology

### Faculty Development Programme on "Water Resource Management: Issues, Challenges & Remedies"- 5<sup>th</sup> to 18<sup>th</sup> July

A fourteen-day Faculty Development Programme entitled "Water Resource Management: Issues, Challenges & Remedies" was organized by the Department of Civil Engineering from 5th July 2021 to 18th July 2021. The FDP was moderated by Mr. Awadhesh Chandramauli, Head-Department of Civil Engineering and was organized by Mr. Gaurav Thakur and Mr. Vinod Balmiki. The FDP was attended by academicians & research scholars. The Chief Guest of the Inaugural Program was Prof. (Dr.) P. K. Garg, former Vice Chancellor, Uttarakhand Technical University. Hon'ble Chancellor Shri Jitender Joshi, Hon'ble Vice Chancellor (officiating) Prof. (Dr.) Rajesh Bahuguna and Dean-UIT Prof. (Dr.) S. D. Pandey graced the occasion with their benign presence.

Our survival depends on the availability of water. The discipline of water resources management needs to keep on adapting to the existing and future challenges of water allocation. Decision-making will be even more complex as global climate change and the long-term effects of management activities are unknown. Climate change is expected to bring about scenarios that have never been seen before. As a result, different management solutions are being considered in order to minimize setbacks in water resource allocation.

This FDP addressed the issues and challenges associated with Water Resource Management and focused on the advanced remedial methods to counter the same. This programme addressed the complex and interdisciplinary aspects of managing water resources by helping the faculty members to integrate the same in their curriculum and research work. Through the FDP, the faculty members gained breadth in relevant water resource planning and management areas while developing an in-depth knowledge of the latest advancements through intensive sessions.





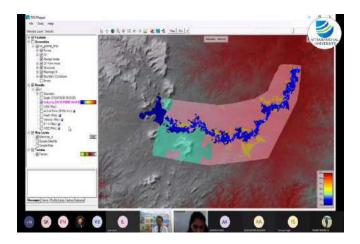


The FDP took place everyday in two sessions of two hours each. Erudite speakers from across the nation participated in the fourteen-day FDP, namely:

- 1. Dr. L.N. Thakural, Sr. Scientist D, National Institute of Hydrology, Roorkee
- 2. Dr. Yogita Shukla, Founder of WGC & expert in Hydrographic Geospatial Analysis, Wo-Men Geospatial Coterie, Ghaziabad
- Dr. Jabrinder Singh, Associate Professor & Environmental Engineering Expert, DIT University, Dehradun
- 4. Mr. Nitin Mishra, Assistant Professor & Water Resource Engineering Expert, Graphic Era University, Dehradun
- 5. Dr. B.V. Khode, Professor and Head of Civil Department, G.H. Raisoni College of Engineering, Nagpur
- 6. Prof. (Dr.) N.P. Kaushik, former Vice Chancellor, Rajasthan Technical University, Kota
- 7. Dr. Rubeena Khan, GIS Expert, J.P. Survey Academy & Associates, Bhopal
- 8. Prof. (Dr.) Arvind Dewangan, Professor & Head of Department of Civil Engineering, MIET, Jammu
- 9. Dr. Vikas Garg, Associate Professor & Head of Department of Civil Engineering, Central University of Haryana
- 10. Mr. Puneet Kaushik, Director-EHS & Industrial Expert in Environmental Services, EHS Alliance Services, Gurgaon







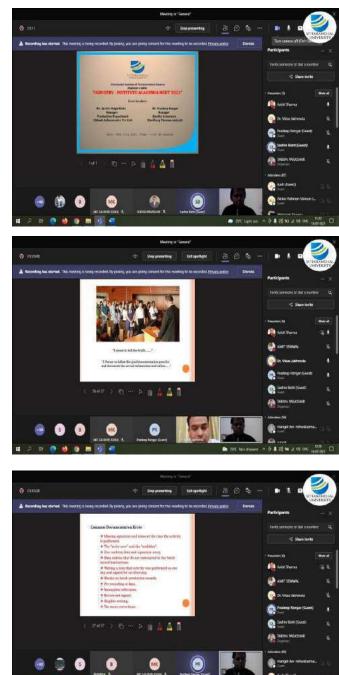


Uttaranchal Institute of Pharmaceutical Sciences

#### "Industry Institute Academia Meet 2021"- 18<sup>th</sup> July 2021

Online "Industry Institute Academia Meet 2021" was organized by Pharmaceutical Chemistry Club-UIPS, Uttaranchal Institute of Pharmaceutical Sciences, for the students of Pharmacy on 18th July, 2021. The aim of this event was to enable interaction between students and Industrial Experts. Mr. Sachin Singh Bisht, Manager \_ Production Department, Sidmak Laboratories Pvt. Ltd. and Mr. Pradeep Rangar, Manager, QA, Rhydburg Pharmaceutical were invited as Guest Speakers and Industrial Experts for the occasion. The Speakers elaborated upon the topic of "Good Documentation Practices" and highlighted the need & importance of the same for any Industry or Institute. They also enlisted the difference between documents and records and provided tips for attaining Good **Documentation Practices.** 

A very healthy and interactive session was conducted in which students of D. Pharm. and B. Pharm. participated actively along with faculty members. The event was successfully conducted in the gracious presence of Prof. (Dr.) Vikash Jakhmola, Dean-UIPS. Welcome Note was delivered by Dr. Ankit Sharma, Assistant Professor-UIPS. Dr. Tarun Parashar, Associate Professor-UIPS and Dr. Amit Semwal, HOD, UIPS, were present on the occasion. The event concluded with a Vote of Thanks delivered by Prof. (Dr.) Vikash Jakhmola, Dean-UIPS.







#### Law College Dehradun

### National Faculty Development Program on Emerging Techniques of teaching and learning law – 6<sup>th</sup> to 19<sup>th</sup> July 2021

Intellectual growth should commence at Birth and cease only at death -Albert Einstein

Law College Dehradun organized an enthralling and insightful 14 day National Faculty Development Program from July 6-19, 2021. The 14 Day NFDP, the first of its kind, comprised esteemed speakers from the Indian legal academia. The National FDP was truly national in spirit and execution with participants from Karnataka, Telangana, Tamil Nadu, Andhra Pradesh, in the south to, Assam and Meghalaya, in the North East, besides West Bengal, Punjab, Harayana, Himachal Pradesh, Gujarat, Madhya Pradesh, Rajasthan, Uttar Pradesh and Himachal Pradesh. The resource persons on all 14 days were diverse both in their expertise & experience, and were from recognized universities and institutions of immense repute.

#### Day 1-Speaker: Prof B N Pandey

The inauguration of the 14 Day NFDP on "*Emerging Techniques of Teaching and Learning Law*" on the 6th of July was graced by the Chief Guest and esteemed speaker for the day Prof (Dr) B N Pandey who is a renowned academician and expert from Banaras Hindu University, Varanasi, at the Seminar Hall of LCD, UU. The Guest of Honour & Patron-in-Chief Honorable Chancellor, Shri Jitendra Joshi along with the convener of the NFDP 2021, Officiating Vice Chancellor and Dean of LCD Prof (Dr) Rajesh Bahuguna, Co Convener and officiating Principal LCD, Prof (Dr) Poonam Rawat, organizing secretary Dr Radhey Shyam Jha, Dr Aijaj Ahmed Raj, Dr Lakshmi PriyaVinjamuri, and Dr Vijay Srivatsava, the faculty members of LCD, UU were the ones who joined us live, while the other participating faculty members from other universities virtually joined the event through the online mode. The event was formally launched with the lighting of the lamp. The speaker of the day Prof (Dr) B N Pandey commenced the session with the topic "**Analysis of different emerging pedagogical methodologies of teaching and learning law**". The relevance and significance of innovative and novel methodologies to motivate the students, and the use of diverse tools and techniques synchronous with the course curriculum were explained. During his discourse, he stated that the private law schools are at par with the national law schools, and the edge that the latter have, can be overcome by introducing student centric pedagogical methods. The importance of mooting, debating in English and Hindi were narrated with illustrative anecdotes, while emphasizing on the crucial aspects of continuous learning for teachers through regular teachers' testing techniques including peer review, and appraisals with comprehensive adoption of a much established and successful American style of the student centric teaching-learning process.

#### Day -2-Speaker: Prof Rajesh Bahuguna

The second session of the online 14 Day NFDP was addressed by our own erudite and experienced academician Prof (Dr) Rajesh Bahuguna on the 7th of July deliberating on the topic of "Teaching ADR in Law: The emerging need for ADR Training for the students". Dr Bahuguna spoke on the aspects relating to litigating and non litigating advocates, and explained how to take classes on ADR and commended the BCI for having introduced Mediation as a compulsory course in UG programs of Law. The talk lucidly covered aspects pertaining to the meaning and scope of ADR, the techniques, and legal recognition clarifying most of the posed queries on not only the "Why" and "What" of ADR but on where ADR subsists. The two-hour deliberation comprised the rationality behind the law of ADR, adversarial and inquisitorial systems, concepts of conciliation, mediation, arbitration, and negotiation, emphasizing the advantages of ADR as an out of the court settlement of disputes. The talk concluded with a concise discussion on plea bargaining and the connection between the ADR Act and S/89 of CPC besides others. The opinions of Late President Abraham Lincoln, Late Shri M K Gandhi, and former President Dr APJ Kalam were quoted to emphasize the effective adoption and adaptation, besides the promotion of the Alternative Dispute Mechanisms for solving legal disputes.

#### Day -3-Speaker - Prof S D Sharma

Prof S D Sharma, Senior Professor, Kumaun University, elucidated on "*An assessment of teaching and learning law in the context of the paradigm shift towards online teaching*" on the third day of the NFDP on the 8th of July. Prof Sharma opened his talk quoting the philosophy of Shri Rabindranath Tagore on the service of a teacher. The existence of online teaching in America since 1950 and the advent of the technological concept of the internet leading to virtual online platforms for teaching, and thereby the role of the teacher in online teaching were explained. The 4 Cs of conceptualization, context, collective responsibility, and concise teaching and the process of teaching-learning including the assessment methods were also included in his talk.

#### Day -4-Speaker -Prof Wani

"Contemporary issues and challenges related to online teaching and learning law" were deliberated upon and elucidated by Prof Wani who made opening remarks on the advent of modern legal education during the British Era. Out of the necessity of the Englishmen to address their lack of knowledge of the language, culture, and customs of the nature leading to the change in the system of learning, governance, justice, and legislation. This British system was formally replaced by the present day legal system in India thereby resulting in the imposition and introduction of foreign systems in the Indian context leading to declaration of the pre-British system in India as obsolete and dysfunctional. The adoption of the new legal framework created a lacuna and hence there was a need for the Indian system of Education and learning. It brought a paradigm shift to the dynamics of the change and connected the people with the new governance. Emphasizing this emergence, he stated that a "law teacher should think on his own" without being influenced by an adopted process. In continuation, he said a law teacher must build confidence, capacity, and observe problems in the society, system and should be able to suggest to the judges the line of thinking and interpretation. The session on Prof Wani further dealt with the emerging techniques of teaching and learning law in the 21st century which was a challenge in itself. Emphasis on self-thinking which permits two-way traffic connecting legal education with the societal needs, and leading to social inclusion on one hand and creating original thinkers or the other. Prof Wani concluded his talk by suggesting that law teachers should acquaint themselves with the use of new technology, focus on content delivery through e-courses, and should get sentimentally connected with their students. At the same time they must be conscious of their future which is facilitated by engaging in training sessions, research, projects, and sensitization on social concerns.

#### Day -5

#### Speaker - Prof (Dr) M Z M Nomani

"The understanding and importance of survey of literature in legal research" – Prof (Dr) M Z M Nomani, Aligarh Muslim University, gave an illustrative and self-opinionated talk on the aspects of research connecting it at large to intellectual property right interpreting the work of research as a novel and original piece of work. Emphasis was on the framing of research questions wherein the researcher has objectivity, and a direction ignited by the review of the literature and its importance. The review of literature should be focused and the objectivity of research should be adopted dispassionately with lateral and out-of-the-box thinking, specifically including targeted questions that are not personal. Prof Nomani elucidated on the characteristics of review of the literature, and said it should be citable, quotable, able to be summarized, and collated, with basic questions of research, thereby attaining the core of the theme. The identification of the research gap is the key to the survey of existing methods. They are to be reviewed for understanding the persistent methods and methodologies which are feasible through a broad research review. Prof Nomani in his concluding remarks elucidated on the application of precedents especially of international communities in terms of the oncological status which is a corpus of knowledge and understanding of Epistemology (Science/theory of knowledge) keeping within the boundaries of freedom of the press, speech, and expression while studying the existing literature with reference to a problem of research. **Day-6** 

#### Speaker - Prof Dr Madhurendra Kumar

Prof (Dr) Madhurendra Kumar, Kumaon University, delivered a talk on challenges in the implementation of emerging techniques of teaching and learning law, wherein he deliberated at length on the need in the present day for an acquisition of knowledge towards new technologies and focus on the understanding of emerging technologies. The law teachers of today, in his words, need to be equipped with both the traditional methods to cater to the rural background students as well as with the latest technology to impart them the required knowledge. The paradigm shift towards the use of information and communication tools (ICT) has necessitated for each teacher to learn the application of new application software for the conduct of classes in legal science. The learning is to be done more by the teachers in the present day as they have to adapt to online teaching through various platforms such as Zoom, Microsoft Teams, Webex (CISCO), and many others for the deliverance of their classes, especially in view of the subsisting pandemic. The need for interdisciplinary face of copyright issues, plagiarism, and technology overhaul was another aspect deliberated upon by Prof Kumar who also touched upon the aspects of mental and emotional balance to deal with the challenges of implementation of the new technologies. **Day -7** 

#### Speaker - Prof (Dr) C P Singh

Prof (Dr) C P Singh, Senior Professor at Lucknow University deliberated on "Assessment of Student Behavior and the Role of Student Mentorship in Online Teaching and Learning Law" during his talk on the 12th of July 2021 as an esteemed speaker for the NFDP. His focus was primarily on disciplinary issues that are tough to be tackled online. While sharing his views he also asserted that both academics and discipline are crucial for a student's overall growth. The behavior of a student, reflecting on his body language, language, interpersonal skills, and communication skills summing up to the soft skills quotient of a student is very tough to assess on the online platform. Law students need to be assessed for both their soft skills and life skills as the law requires people interaction and management. However, in the online platform, wherein the student is not available physically, mentoring for behavioral change or counseling on issues of relevance becomes a very tough challenge, and is also a very big concern. The biggest hurdle in it is that the teacher/mentor can only counsel those students who reach out and the rest are not approachable to the faculty. This can be overcome, as per Prof Singh, through compulsorily mandated days for one-on-one counseling along with proctored teaching where the teacher is given the virtual control of the class as in offline teaching. Prof Singh stated that the discipline and punctuality of the students should not be compromised in the process of online education.

#### Day -8

#### Speaker – Dr Ghayur Alam

Dr Ghayur Alam, Dean NLIU, Bhopal, illustrated in his talk the use of case method and case study method in legal education and research while discussing the application of andragogy and peer group interaction. Emphasizing on training, trainers, and the ability of scientific temper Prof Alam conducted the session through direct interaction with the participating teachers of law. He also stated that the first step towards learning is posing, asking, questions. He enlightened the virtual audience on the origin of the Common Law, its historical significance, terms statute, and its merit, besides the various Latin maxims that have immense significance in the teaching of law. He dwelled at length on the origin of, explained the role of the method, case method, and syllogism in the teaching of law and specifically in the case method in legal research studies. He concluded his talk with an illustrative example of Article 141 of the Indian Constitution, and on the operation of a judgment including both territorial and universal.

#### Day -9

#### Speaker - Prof (Dr) Jeet Singh Mann

Prof Dr Jeet Singh Mann, National Law University Delhi, delivered an interactive session on the topic of *"The Art of Quality Research and Project Writing in Law"* on July 14, 2021. Prof Mann spoke on "How", "What", and "When" to teach, and also discussed how to write a quality research project on the conduct of empirical research, and the process of conduct of field research in a socio-legal project. The talk commenced with Prof Mann's perspective on the fundamentals of life which he said were hard work, progress at one's given place, appreciation for work done through recognitions, invitations, and projects of UGC, and other bodies. The session was highly interactive in which the participants were asked to share their perspectives on quality.

The quality of research, he said, had its promise in novelty and originality and that was something every law researcher should focus on. He discussed whether the law was an integral part of social sciences, at length, and cited the perils of internet data for research and ascertained the need to quote the original source also and a need to collect data from the source institution. The difference between plagiarism and similarity index (SI) was discussed and stated that a proposal should focus on subject analysis, both in theory and in practice, which differs depending on the different levels of conduct of research.

#### Day -10

#### Speaker - Prof (Dr) K Parameswaran

Prof (Dr) K Parameswaran, Gujarat National Law University Gandhinagar, delivered an excellent talk on the Confluence of Indian Constitutional Law, artificial intelligence, and holistic values wherein he emphasized that life at large should be connected or relatable to the Indian Constitution. He discussed whether a legislative personality is assigned to AI and whether articles 21 and 14 contribute to the constitution of legal persona to corporate organizations especially in view of the responsibility, and liability for any act done against the constitutional law by the AI model. The technology law perspective was deliberated especially with the focus on the data regulation, privacy, and data security context, the need for a procedure in progress for the adoption of AI in law, focus on the subjective realm of one's life; societal relation and value for interpretation while also focusing on the constitutional implications owing to the predictive analysis of AI in terms of capability whether narrow, general or super-strong, ANI, AGI, and ASI respectively, and functionality. He concluded the talk which had good deliberate participation on the pretext of intelligible differentia as a key to the implementation of AI.

#### Day -11

#### Speaker - Prof (Dr) Priti Saxena

16th of July had university-wide participation during the talk by Prof (Dr) Priti Saxena on "Effective Assessment and Evaluation of Students' *Performance in Law teaching*". Dr. Saxena unpacked her talk with an introductory remark on assessment – The "What", "Why", and "How", the generic attributes of graduates, the National Commission Report 2017, and The National Educational Policy 2020, and, survey analysis on aspects of assessment. She elucidated on the teaching-examination-assessment loop which needed to be analyzed for failure in terms of the result analysis, objectives to be met with, and reinforcement and reprocessing of the data which leads to the alignment of the curriculum in the multidimensional perspective concurrently, continuously, concretely and critically. Dr. Priti discussed the teaching-learning process which has to be carefully implemented in view perspectives of the diversity under the diverse age groups and hence the understanding and comprehending skills wherein the crucial aspect of critical thinking ought to be emphasized upon. In response to queries on the outcome based education system by the participants. She elucidated on the areas of assessment process using such thing as Fair share, White box shoe, and entry-exit methods, and emphasized that feedback is the sine-qua-non of assessment reforms, assess students in real-time reforms, assesses students in real-time with focus on critical and analytical learning and realistic outcomes.

#### Day - 12

#### Speaker - Prof (Dr) Harbansh Dixit

The twelfth session of the 14 day faculty development program was delivered on the 17th of July by Prof (Dr) Harbansh Dixit, Commissioner, Uttar Pradesh Higher Education Services, UPHES, on challenges related to conducting extension activities and outreach programs in legal education. In his talk he elucidated on the legal system being a subsystem of the social system, and both legal and social sensitivity are the fittest for the society. He stated that value addition should be for "Loksamaj" and one should go for armchair research for work in direction of legal education. He stated the essence of the UNESCO preamble, "the fight is always with a person's heart" and hence said no one gets noticed without doing something unique or different. He explained how it was difficult to be practical and theoretical at the same time, and stated one who knew the Siddhartha" in principle will be able to accomplish a bigger job always and that it was important to redirect our mindset by overcoming mental barriers and inertia through regularly organizing legal clinics, legal aid camps, and consultancy and arbitration camps.

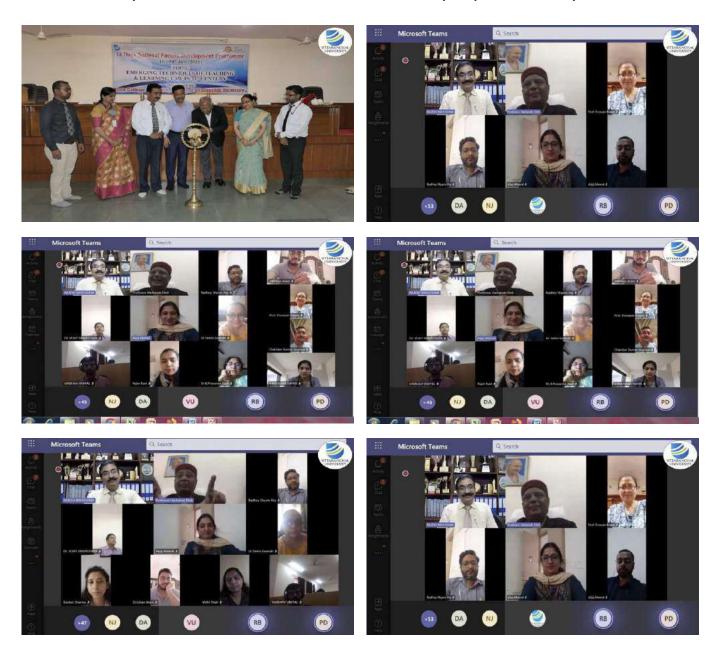
#### Day - 13

#### Speaker - Prof Nirmal Kant Chakraborti

Prof Nirmal Kant Chakraborti, Vice-Chancellor National University of Judicial Sciences NUJS Kolkata, delivered an impactful and effective talk on "Outcome Based Learning of Students and its important components in law teaching in 21st Century" on the 13th day of the 14 days FDP. The impactful talk by Prof. Chakraborty focused on the crucial aspects of teaching with a focus on the result of such teaching. The processing of the curriculum to map the outcome of the learning process to the placement and prospects for the learners. Prof Chakraborty spoke at length on the practical components of law teaching like mooting, debating, policy drafting, amendment writing, article writing, and other academic activities focused on law. The point of focus of his talk was on the adaptability of law faculty to the emerging requirements of the contemporary learning process, especially with a focus on the globalized education patterns and course structure. The crux is in the dynamics of legal education given the ever changing societal framework in a political and economic context that needs to be understood and aptly applied by the faculty during their teaching process

#### Day -14

The 14 Day FDP concluded on a positive note with the valedictory remarks presented by Dr Lakshmi Priya who moderated the sessions over the two weeks and summarized each talk by the esteemed speakers. Prof (Dr) Bahuguna profusely thanked all the speakers and participants in his opening remarks for the day, and Dr Poonam Rawat, the Head of the Department Law College Dehradun, delivered the official vote of thanks on the last day of the event which witnessed more than 100 law teachers and participants over the 14 days.





#### Uttaranchal Institute of Management

#### Webinar on "Wealth Creation through Personal Financial Management" in collaboration with Association of Mutual Funds in India (AMFI)- 26<sup>th</sup> July 2021

Mr. Surya Kant Sharma [Chartered Accountant, Senior Consultant North Region AMFI, Ex. DGM SEBI], eminent personality in financial system of India was the Keynote Speaker of the webinar.

Master of Ceremony, Ms. Neeti Misra- Assistant Professor & Head, Finance Club welcomed the Keynote Speakers – Mr. Surya Kant Sharma & Prof. (Dr.) Pradeep Suri, Dean-UIM and Academic Affairs, Uttaranchal University.

Dr. Pradeep Suri created awareness regarding how to design investment process after considering factors like time horizon etc. People have a long choice of investments like various investment avenues in the financial markets, other financial assets prominently it includes investment in property, mutual funds, SIPs, debt funds through which we can save and we can satisfy other needs. He also mentioned that common men do not know how to invest money so it's necessary to spread financial literacy among common people. He mentioned that SEBI protects the investor's interest, they spread knowledge among common people so that they can learn and then invest. He also mentioned that there are things which should be evaluated, people should assess their short- and longterm needs, children's needs, personal needs, etc. before making any investment. The event commenced with a Welcome Speech by Arman Joshi [B.A.(Hons.) English] wherein he heartily welcomed the honourable guests and the students of the SLA. Prof. (Dr.) Shriya Goyal (Dean-SLA), Dr. Reeta Rautela, Mr.Komil Kumar, Dr. Pinki Chugh, Dr. Ashima Saxena, Dr. Seema Gupta, Ms Anamika Thapa, Mr.Ved Prakash Bhatt and Ms. Smriti Uniyal witnessed the programme and appreciated the students.

A video compiled by Vaibhav gave the programme a motivational start as it highlighted the necessity of energy conservation and enlisted steps to safeguard all the resources that contribute to the production of energy.Mr. Surva Kant Sharma started his presentation on a very positive note by clarifying the difference between savings and investments. He mentioned that money can provide mental security through three things, it includes adequate life insurance governance, adequate health insurance and emergency funds. He also elaborated upon how a common person should identify his savings and increase it annually by at least 20% through financial planning. He explained about the risk, the types of risks and how to manage those risks. He mentioned that we should think, understand and then invest or we should do the analysis and evaluation of the future and the present value of the returns for the investment in various avenues. The basics were conveyed in a very simple language which was easily comprehended by the students. He further narrated about various investment avenues, also the types of mutual funds, insurance and various government schemes like Sovereign Gold Bond Scheme 2021-22 to increase our wealth and for better financial planning. He also honored questions from the audience concerning the above topic.

The event was a great success and was attended by a large number of participants including Dr. Amitabh Bhargava (Head – Department of Management) along with the Faculty Members and the students of Uttaranchal Institute of Management, Uttaranchal University and other universities of India.





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#### **Uttaranchal University**

#### National Librarian Day- 12<sup>th</sup> August 2021

Uttaranchal University celebrated National Librarian Day on 12th August, 2021. The event commenced with a tribute to Dr. S. R. Ranganathan, National Professor of Library Science. Hon'ble Chancellor Shri Jitender Joshi, Vice-Chancellor Dr. Rajesh Bahuguna and the University Librarian, Mr. Arun Singh Thakur spoke at length about the importance of the Library and shared their ideas about inculcating reading habits among faculty members and students.

The faculty members and students were awarded the "Best Library User" in the following categories to encourage library usage.

#### **Best Online User:**

**Faculty Members** – Mr. Rajiv Kumar, Ms Smriti Lekha Majumdar and Mr Bipin Chandra Kandpal

**Students** – Madhuripu Raj, Shivansh Agrawal and Krishna Nigam

#### **Best Library User:**

**Faculty Members** – Dr. Mayank Pant, Ms. Archana Saxena, Dr. Sandhya Verma

**Students (Girls)** – Arushi Jha, Vatsala Shukla, Shaktija Singh Baghel

**Students (Boys)** – Pranav Rayal, Prince Malik and Aman Singh









Uttaranchal Institute of Pharmaceutical Sciences

#### Faculty Orientation Program- 25<sup>th</sup> August 2021

Uttaranchal Institute of Pharmaceutical Sciences organized a Faculty Orientation Program for the new faculty entrants on 25th August, 2021. Prof. (Dr.) Vikash Jakhmola, Dean UIPS extended warm welcomed to the new members in the organization on behalf of Uttaranchal Institute of Pharmaceutical Sciences. He addressed the new faculty members about the University as well as department with perspectives of its vision, mission & objectives. He focused on the strength of the department with special emphasis on Laboratories, Library, and Computer centre.

Dr. Amit Semwal, Head of the Department talked about the contents like academic file which has to be prepared by individual subject in-charge, it contains syllabus, lecture plan, learning objectives and outcomes, time table, question bank, question papers, study material and also briefed about the committees of the department and introduced the faculty members. He elaborated about the coordinators as well.

Dr. Tarun Parashar, Associate Professor (Examination Incharge) explained the examination variables to the new faculty members and the process of work done during examination.

Mrs. Pallavi Ghildiyal, Assistant professor introduced about the mentor-mentee system of the department and the services available in the campus.

On a concluding note head of the department once again welcomed the new entrants and extended his best wishes to one and all sharing his aspiration that everyone will perform his/her duties towards the institution.









#### School of Applied and Life Sciences

#### Educational Tour to ONGC Museum- 24<sup>th</sup> August 2021

An educational tour to ONGC Museum was organized by SALS for the students of B Sc (Hons) Mathematics on 24th August, 2021. The tour was organized by the faculty members of the Department of Mathematics comprising of Dr V K Srivastava, Head of Department of Mathematics, Dr Vikas Kumar, and Dr Shalu Chaudhary.

The students visited ONGC Museum and were mesmerised to see a pendulum moving in clockwise direction. They were informed that the movement of the pendulum was based on the motion of the Earth. After taking a comprehensive round of the museum, the students proceeded to see a short movie based on the discovery of crude oil, its extraction from the earth core, and the different ways in which we use hydrocarbons in our daily life. Through wonderful videos and demonstrations, it exhibited the exploration and production of Hydrocarbons and Crude Oil history etc.. In the last lap of the tour, the students visited a palace where varied spheres like remote sensing, geographical exploration, seismic exploration and historical perspectives were illustrated.







## September

### 2021

#### School of Applied and Life Sciences(SALS)

#### National Nutritional week – 4th September 2021

Food Technology (SALS) organized a "GUEST LECTURE" (04/09/2021) on the occasion of National Nutritional Week on the topic of "Ensuring Food and Nutrition Security Through Diversified Sources of Food." during 11:00 am – 1:30 pm in UIT seminar hall.

Prof. M.C. Nautiyal (Former Dean GBPUAT Pantnagar, Uttarakhand) was the respected speaker for the above topic. We are really pleased to have speaker like him. After felicitation & introduction of Prof. M.C. Nautiyal in the presence of respected Vice Chancellor, Prof. Rajesh Bahuguna, Uttaranchal University, Dean SALS, Prof. Ajay Singh, HOD Foodtech., Dr. Sukriti Singh, Mr. Rajeev Kumar, Mr. Yogesh Kr. Awasthi, Mr.Rajat Singh, Ms.Arshi Siddiqui, Mr. Junaid Aman and Mr. Kamran Chaudhary.

Prof. M.C. Nautiyal shared his experiences with us during lecture. He explained thoroughly about different kinds of problems related to malnutrition in India as well as World. The impact of these problems on our mind & body and how it ultimately affects our health. During lecture he specially focused on psychological/malnutrition problems of students, which are major cause for unhealthy life style as well as food consumption habit in citizens. Prof. M.C. Nautiyal gave good direction to all of us about how to overcome malnutrition and unhealthy life style.



Guest lecture on the occasion of National Nutritional Week on the topic of "Ensuring Food and Nutrition Security through Diversified Sources of Food."





Food fest on the occasion of National Nutritional Week



#### Uttaranchal University

#### Rewards Best Teachers, Researchers and Trainers- 06<sup>th</sup> September 2021

"It is an occasion to make explicit the gratitude and respect for the teachers and researchers that was so far had been implicit in the hearts of the people in the management of the Uttaranchal University". With these words the Vice Chancellor (officiating) of the University graced the occasion of the first award ceremony to felicitate those researchers, members of faculty and trainer who had made a difference through their exemplary dedication in their work.

Monday, September 6, 2021 has become an unforgettable day in the history of Uttaranchal University as it was on this day when as many as twenty-four (24) teachers chosen from the different constituent colleges of the University, three researchers and a trainer was awarded by Hon'ble Chancellor of the University Mr. Jitender Joshi.

The selection of the awardees in the category of Best Teachers and the Trainer was done on the basis of their feedback obtained through the formal channel; while the researchers were selected on the basis of their work done in their respective areas during the previous academic session. Speaking on this occasion the Hon'ble Chancellor encouraged everyone present on the occasion through his announcement that more and more people will be included in the list of awardees in near future by expanding the selection criteria. In his address, Hon'ble Chancellor remarked that teaching is a noble profession and is incomparable with any other vocations. He further mentioned that, "This is a profession which a person opts with his voluntary will and self-inspiration". Uttaranchal University considers its teachers and researchers as the best intellectual property. The event started with the auspicious ritual of lamp lighting and Kul Geet of the University after which all the recipients were awarded with a Memento, Letter of Appreciation and Cash Prize of Rs. One Lakh amidst the big rounds of applause. The event concluded with a vote of thanks.

#### The list of award winners is as follows:

**Best Teacher**: –Dr. Poonam Rawat, Mr. Gaurav Singh Negi, Mr. Ishteyaaq Ahmad, Dr. Reshu, Dr. Rachna Juyal, Ms. Alka Singh, Mr. Komil Kumar, Mr Kapil Rajput.

**II-Best Teacher**– Dr. Jitendra Singh, Dr. Shushant Singh, Dr..Amitabh Bhargava, Dr. Deepa Devi, Dr. Rajendra Prasad, Ms. Nidhi Gairola, Ms. Bharti, Ms. Shefali Khatri.

**III-Best Teacher** –Mr. Abhiranjan Dixit, Mr. Arvind Singh Rawat, Mr. Anil Singh Chauhan, Dr. Indra Rautela, Dr. Awaneesh Kumar, Mr. Praveen Chandra Semwal, Dr. Reeta Rautela, Ms. Reetu Naudiyal

Best Researcher: - Dr S. P. Gairola

II-Best Researcher: Dr. Preeti Gairola

III-Best Researcher: Dr. Ajay Singh

Best Trainer: Mr. Rachit Rastogi

Prof. Pradeep Suri, Prof. Ajay Singh, Prof. S. D. Pandey, Prof. Vikas Jakhmola, Prof. Poonam Rawat, Prof. M. P. Singh, Prof. Shravan Kumar, Dr. Kartikey Gaur, Dr Jitendra Sinha, Dr. S. K. Shah, Mr. Manish Badoni, Mr. Iqbal Singh Sawhney and all the members of faculty and staff of entire university were also present.









Uttaranchal Institute of Pharmaceutical Sciences

#### Uttaranchal Institute of Pharmaceutical Sciences- 07<sup>th</sup> September 2021

Uttaranchal Institute of Pharmaceutical Sciences, Uttaranchal University, Dehradun Uttrakhand. Organized Science Visit to the "Regional UCOST Science Centre Sudhowala, Dehradun for the B.Pharm and D.Pharm fresher students on 07 September 2021.

The visit provided a great way to arouse curiosity in mind of students and was full of thrilling and motivating experiences. The students took a tour of the following galleries but the first and most entertaining part of the day was the 3D Science Show based on the harmful effects of "Global Warming", Science Park, Dino Park, Frontiers of Science and Technology, The Himalayas Diversity and Fun Science Exhibition. The Science Centre provided a whole world of wonder and amazement.

The Science Visit was organized by Prof (Dr) Vikash Jakhmola under the supervision of Assistant Professor Mrs. Nidhi Gairola, Assistant Professor Mrs. Taru Saklani, Assistant Professor Mr. Ravi Kumar and Lecturer Mr. Praveen Semwal. Student instantly and thoroughly enjoyed being a part of all the scientific experiences.





#### Women Cell of Uttaranchal Institute of Management

#### International Literacy Day- 08<sup>th</sup> September 2021

Women Cell of Uttaranchal Institute of Management under the aegis of Cultural and Events Committee, Uttaranchal University, organized an intra departmental event 'Collage Making Competition' on the theme 'Women Entrepreneurship' on the occasion of 'International Literacy Day' on 8th Sept 2021 at the UIM Foyer.

Activity was conducted in UIM Foyer and comprised of two members per team. All ten teams had put up their ideas on a chart paper in the form of a collage depicting women entrepreneurship and their contributions to the society as successful entrepreneurs. Teams showcased a level of creativity and visualization in portraying their ideas with a competitive spirit and their role in the society as a successful entrepreneur, their struggles, their backgrounds and how they have carved a niche for themselves in their respective fields of business. Further teams discussed that today women are holding a prominent place in the society and their role as a contributor to the economy of the country is indispensable. The competition was tough as every team had a unique creative style of putting up the concept of women entrepreneurship on the collage. Judges for the event were Dr. Archana Saxena, Dr. Himani Maheshwari and Mr. Manish Badoni.

Students participated from various courses of management and Computer Applications. Prof. (Dr.) Pradeep Suri, Dean, UIM, graced the event with his benign presence and motivated the students to participate with zest and confidence. He stressed on the role of women in the society and both men and women are like two wings of a bird. Equal contribution of both is important to run the economy effectively. He applauded the preparation of the students for the activity and congratulated the winners. Other faculty members also applauded the efforts of the teams in displaying their creativity. Ms. Prerna Yadav of BBA III Semester compeered the event flawlessly. Dr. Deepa Bisht, Head – Women Cell, planned and executed the entire activity along with the other members of the Women Cell and declared the winners at the culmination of the event.

The winners for the event are as follows:

Winner – Ms. Shivi Chaudhary and Deepansha Arora from B.COM (H) Third Semester

 ${\bf First} \ {\bf Runner} \ {\bf Up}$  – Ms. Preeti Jangra and Aarti Jangra from B.COM (H) Third Semester

**Second Runner Up** – Mr. Ayush Nautiyal and Mr. Animitra Sharma from BSc IT Third Semester

The event was a huge success and attended by Dr Sonal Sharma HOD-Dept of Computer Application, Dr Megha Aggarwal HOD-Management, Mr. Manish Badoni HOD-Hotel Management, Dr Ashulekha Gupta DIQAC and Mr. Abhishek Kumar Pathak Head-(Cultural and Academics Events).









#### Law College Dehradun

#### 'Ozone Day' in collaboration with 127 Infantry Battalion (TA) Ecological, Garhwal Rifles- 16<sup>th</sup> September 2021

Law College Dehradun celebrates 'Ozone Day' in collaboration with 127 Infantry Battalion (TA) Ecological, Garhwal Rifles. As a mark, an Intra-mural Debate was organized by Aarambh- The Debating Society, on 16th of September 2021, to spread awareness regarding the depletion of ozone layer. The burning topic "The race for development among developed and developing countries is responsible for depletion of Ozone layer" attracted participants with extreme environmental consciousness.

The event was marked by the benign presence of Hon'ble chief guest Brig. Mohan Singh Bisht Commandant, Military Hospital, Dehradun. Co- host Col. Rohit Srivastav, Commandant 127 Infantry Battalion, Garhwal Riffles. Guest of honour Dr. Abhishek Joshi, Director of Student Affairs and I.T. services, Dignified Patron Prof. (Dr.) Rajesh Bahuguna Dean & officiating Vice Chancellor and Prof. (Dr.) Poonam Rawat HOD Law & officiating Principal along with an esteemed judging panel comprising of- Mr. Kumar Ashutosh H.O.D (Humanities and Languages), Ms. Smiriti Uniyal Asst. Prof. and Dr. Shikha Uniyal Gairolla Asst. Prof. A total of 10 speakers presented their debate, six in English and four in Hindi and moved the crowd with their eloquent and vibrant speeches.

The gathering was addressed by the Dean, Prof. (Dr.) Rajesh Bahugana, Co- host Col. Rohit Srivastav, Brig. Mohan Singh Bisht, Commandant at the end of the debate, where they shared their insights and also praised the debaters as well as Aarambh for organizing the celebration of World Ozone Day.

Sambhav & Shatakshi Sharma emerged as the Best Speaker in English and Hindi respectively, while Swapnil Shrivastav & Parth Singh were the runner up in English and Hindi respectively. The event concluded with the national anthem.









#### Uttaranchal Institute of Technology

#### Vishwakarma Puja- 17<sup>th</sup> September 2021

Vishwakarma is known as the divine Engineer since the Puranic age. As a mark of reverence, the Lord Vishwakarma is not only worshiped by the engineering community but also by all other professionals. According to Hindu mythology Lord Vishwakarma is the builder of all the gods' palaces, and the designer of all celestial vehicles and weapons.

Vishwakarma Puja was celebrated on 17th September, 2021 in Uttaranchal Institute of Technology, Uttaranchal University with great fervor. The occasion was celebrated by organizing a Puja which was performed by Hon'ble Chancellor Shri. Jitender Joshi, Vice Chancellor Prof. (Dr.) Rajesh Bahuguna, Director UIT Prof. (Dr.) Shiv Dayal Pandey and HOD-ME, Mr Sanjeev Kumar Joshi, HOD-ECE, Mr Devender Singh, HOD-CE, Mr. Avdesh Chandramauli, HOD-CSE, Ms. Meenakshi Memoria along with other faculty members and technical staff in the University workshop. Students of the Uttaranchal Institute of Technology also attended the Vishwakarma Puja.

Hon'ble Chancellor Uttaranchal University, Shri Jitendtra Joshi graced the occasion with his presence and extended his hearty greetings to the student, faculty members and staff members. He further stated in his message that Lord Vishwakarma blesses those who respect and worship their tools and remain true to their work.

Prof. (Dr.) Rajesh Bahuguna, Vice Chancellor of the University stated that it's the time for students and faculty to dedicate themselves to the cause of advancement of technology and gain divine inspiration for creating novel products.









Women Cell of School of Applied & Life Sciences

#### Virtual session on Menstrual Health and Hygiene Training- 21<sup>st</sup> September 2021

A special virtual session on Menstrual Health and Hygiene Training was organized by Women Cell, SALS on 21st September 2021. Research Associate, Vidya R of Global Hunt Foundation, Bangalore conducted a virtual session for the girl students of SALS. The virtual session was conducted in the Seminar Hall of SALS through MS Teams.

Prof (Dr) Bharti Ramola gave a warm welcome to members of Global Hunt Foundation and the speaker Ms Ankita Sukhwal. Global Hunt Foundation has a number of branches across the globe and is a not-for-profit organization, registered under The Indian Companies Act 1956. A session on Menstrual Health and Hygiene Training was conducted by their corporate client Unicharm India. Unicharm India has conducted menstrual hygiene training for girls in various schools/colleges across India, under the CSR initiatives of the company. Unicharm India is a leading Japanese firm in India, existing in the market with the names of Sofy and Mamypoko pants.

The session was very informative for the girls which gave them a comprehensive understanding on the what, why and how of menstruation. It consisted of the meaning of menstruation, developing biological understanding, related social taboos and awareness regarding hygiene practices to be maintained during menstruation. At the end of the session all the queries of the students were satisfied by Ms Ankita Sukwal.

The session was anchored by Dr Sukriti Singh. Prof (Dr) Poonam Negi, Dr Indra Rautela, Dr Reshu, Dr Debanjali Roy, Ms Arshi Siddiqui, Dr Shalu Chaudhary, Dr Deepa and all the girls of SALS were present and contributed in organizing the session. Prof (Dr) Ajay Singh, Dean-SALS, who played an instrumental role in bringing in the Resource person, was pleased by the efforts of members of Women Cell, SALS for organizing the virtual session.









#### Uttaranchal Institute of Technology

#### Online workshop on Geo HECRAS software- 24<sup>th</sup> September 2021

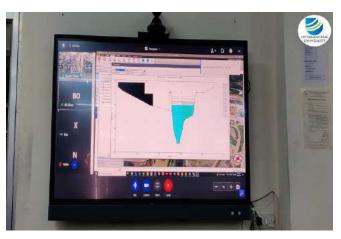
On 24th September 2021 an online workshop on Geo HECRAS software was organized by the Department of Civil Engineering, Uttaranchal Institute of Engineering, Uttaranchal University, which showcased the application of 1D and 2D modules of the software. Mr Bill Olson, Water Resources Engineer, Civil, GEO, Middleton, Wisconsin, USA was the speaker of the workshop.

Geo HECRAS is an AutoCAD, Micro Station and ESRI Arc GIS compatible interactive 2D/3D graphical user interface data wrapper to the US Army Corps of Engineers. This software allows a variety of different data to be quickly and easily incorporated into a HEC-RAS project. Along with that it creates multiple efficiencies for the practicing engineer by integrating a variety of data quickly and seamlessly into a HEC-RAS project. The software also helps in managing complex data sets, and multiple files.

Various topics such as compute water surface profiles for steady and unsteady flow models using 1D and 2D modules, bridge and culvert roadway crossings, FEMA flood plain encroachments, stream restorations, inline reservoir structures, off-channel storage areas, and many more were deliberated by Mr. Olson.

This workshop provided a platform to gain useful information, and to have an insight into the Geo HECRAS software. The sessions motivated the students to explore the avenues of using the software and explained various usage of the software and enable them to apply the same to a variety of complex water modeling scenarios. The interactive Q&A session helped in clearing the doubts of the participants. The students were able to acquire knowledge of the software, its uses, working and application to the real-world problems.

It was successfully organized by Mr Gaurav Thakur, Assistant Professor, and Mr Vinod Balmiki, Assistant Professor, of the Department of Civil Engineering with great zeal.









#### Uttaranchal Institute of Management

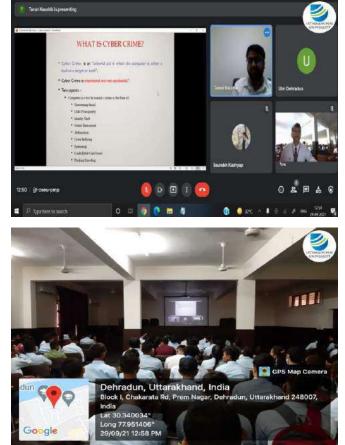
#### e-Guest Lecture on Digital Forensic- 29<sup>th</sup> September 2021

A special virtual session on Menstrual Health and Hygiene Training was organized by Women Cell, SALS on 21st September 2021. Research Associate, Vidya R of Global Hunt Foundation, Bangalore conducted a virtual session for the girl students of SALS. The virtual session was conducted in the Seminar Hall of SALS through MS Teams.

Prof (Dr) Bharti Ramola gave a warm welcome to members of Global Hunt Foundation and the speaker Ms Ankita Sukhwal. Global Hunt Foundation has a number of branches across the globe and is a not-for-profit organization, registered under The Indian Companies Act 1956. A session on Menstrual Health and Hygiene Training was conducted by their corporate client Unicharm India. Unicharm India has conducted menstrual hygiene training for girls in various schools/colleges across India, under the CSR initiatives of the company. Unicharm India is a leading Japanese firm in India, existing in the market with the names of Sofy and Mamypoko pants.

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Uttaranchal Institute of Management

#### Shram Daan- 01st October 2021

With an objective to educate young students regarding the significance of teamwork in raising awareness about a healthy and hygienic environment in public spaces, Globe Club of Uttaranchal Institute of Management conducted "Shram Daan" activity on October 1, 2021.

This activity was conducted under the guidance of Prof. (Dr.) Pradeep Suri (Dean-UIM), with the support of Dr. Megha Aggarwal (HOD-Management), Dr. Sonal Sharma (HOD-Computer Applications), Mr. Manish Baduni (HOD- Hotel Management).

It was executed with the coordinated efforts of all the Globe Club Members, namely- Mr. Rohit Dhiman (Head-Globe Club), Dr. Mayank Pant, Ms. Sonakshi Bhatia, Dr. Sunil Shukla, Mr. Deepak Kumar Tyagi, and Dr. Sangeeta Sundriyal.

The activity was conducted in the form of a cleanliness drive at Dehradun Railway Station and was executed in collaboration with 'Jai-Youth Wing Shri Nityanand Swami Jan Sewa Samiti' with the active support of Shri Vinayak Sharma (President, Jai-Youth Wing Shri Nityanand Swami Jan Sewa Samiti) and his team-members.

Student volunteers from different programmes of UIM, Uttaranchal University participated in this activity with huge enthusiasm by clearing the litter lying around in platforms, waiting rooms and other areas of the railway station. They collected a substantial amount of garbage including plastic bottles, leftover food items, empty wrappers and polythene bags dumped hap hazardously.

This activity received a huge success as more than fifty enthusiastic participants worked together for the betterment of society.







## October

### 2021

**School of Liberal Arts** 

### World Mental Health Day- 06<sup>th</sup> October 2021

A three days event of World Mental Health Day started with Poster & Collage Competition from 06.10.2021 at 2:30 pm in the presence of Prof (Dr) Shravan Kumar, Dean- SLA and Mr Komil Kumar, Coordinator, Psychological Counseling Cell. The students of BA (H) Psychology, BA I Year, BA (H) English I Year participated in the event. The participants were addressed by Dean-SLA for utilizing the outstanding creative energy and not to curb their individual potentials by relying over internet. He further encouraged the students to be considerate of their mental health.

The rally for Mental Health Awareness was organized on 07.10.2021 from 2:30pm. The occasion was graced by Hon'ble Chancellor of the University, Shri Jitender Joshi and Dean- SLA, Prof (Dr) Shravan Kumar. The students rallied in the University campus holding flags and posters, creating awareness for the importance of mental health. The route for the rally was: SLA-SALS-Food Court-UIM-UIT/CRC-Canteen-SLA: Ending Point. The students were escorted by Mr Komil Kumar, Dr Reeta Rautela, Mr Jageshwar Ray, Ms Swati Singh, Ms Paridhi Joshi, Ms Vidhi Goel & Ms Shilpi.

The Psychological Testing was conducted on 08.10.2021 in the premises of SLA. The event started with the Dean-SLA writing an inspirational quote on verstand for the students. Students from various schools who registered for their psychological testing, arrived at the venue and appeared for their respective tests. The three days event proved to be immensely knowledgeable for everyone regarding the importance of mental health, especially in the post-COVID era.







Uttaranchal Institute of Technology

#### One Day Workshop On 3D Printing & Additive Manufacturing Technologies-11<sup>th</sup> October 2021

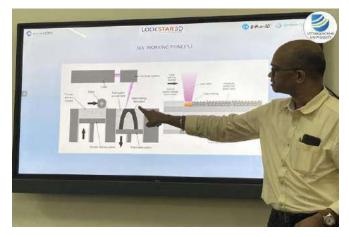
Department of Mechanical Engineering, UIT, Uttaranchal University organized a one Day Workshop on 3D Printing & Additive Manufacturing Technologies for students of B.Tech Mechanical Engineering on 11th October 2021.

The event was initiated with the inaugural address by Dean-UIT, Prof (Dr) S. D Pandey. In his address he shared his valuable thoughts on additive manufacturing and introduced the Guest Mr S. Sanjeev Kumar, expert from "LODESTAR 3D" from Bangalore.

The main aim of the workshop was to make the student's aware about the career and research opportunities in 3D Printing & additive manufacturing Technologies. Mr S. Sanjeev Kumar told that 3D Printing, also known as additive manufacturing, is a method of creating a three dimensional object layer-by-layer using a computer created design. 3D printing is an additive process whereby layers of material are built up to create a 3D part. The students were also informed regarding the different types of techniques used in 3D Printing like Fused Deposition Modelling (FDM). Stereolithography (SLA), Digital Light Processing (DLP) etc. The speaker also emphasized on the suitable technique selection to print the 3D printer objects as it directly reflect on the costs of the product. The workshop imparted an insight to the students into 3D Printing technologies & pursues it as a career option of the future.

The event concluded with vote of thanks and was graced with the presence of Prof (Dr) S. D Pandey (Dean-UIT), Mr Sanjeev Kumar Joshi (HOD-ME), Dr Shushant Singh (Assistant Professor-ME), Mr. Saurabh Aggarwal (Assistant Professor-ME) and Mr. Vivek John (Assistant Professor-ME) and other faculty member of the department.

The event was organized by Mechanical Engineering Department under the guidance of Mr Sanjeev Kumar Joshi (HOD-ME), faculty coordinator Mr. Vivek John (Assistant Professor-ME).









#### Women Cell of Uttaranchal University

#### Webinar on Breast Cancer Awareness -21<sup>st</sup> October 2021

As October is Breast Cancer Awareness month and it brings along with it a cause for celebration, a reason to pause & reevaluate, an inspiration and a time to feel honoured, loved & admired. To honour womanhood, Womken Cell, Uttaranchal University, Dehradun along with Committee for Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in association with UUIEEE Student Chapter Uttaranchal University organized a webinar on Breast Cancer Awareness on Thursday 21st October, 2021.

The Webinar was organized in virtual mode through MS Teams, in Vivekanand Auditorium. The guest speaker for the occasion was Dr Sonia Tiwari, Consultant Oncologist, Kamla Nehru Hospital, Allahabad. The guest speaker was arranged by UUIEEE Senior Member Dr Meenakshi Memoria.

Prof (Dr) Bharti Ramola, Chairperson, Women Cell & ICC, gave a brief introduction of Guest Speaker, Dr Sonia Tiwari, Consultant Oncologist, Kamla Nehru Hospital, Allahabad.

Dr Sonia Tiwari' deliberations opened the horizons for various aspects of Breast Cancer, including self-checkup, diagnostic techniques, treatment and myths associated with breast cancer. She had an interactive session with the students and faculty. She also answered all the queries raised by the participants.

A large number of faculty members and girl students of various colleges of Uttaranchal University participated in the event.

Prof (Dr) Poonam Rawat, HOD, Law College Dehradun and former Chairperson of Women Cell graced the occasion with her benign presence. Prof (Dr) Sonal Sharma, HOD, Computer Application, UIM, shared her experience of being a breast cancer survivor with all the participants.

The programme was organized by Prof (Dr) Bharti Ramola, Chairperson Women Cell & ICC with the help of Member Secretary of Women Cell & ICC Mrs Arti Rana and Dr Himani Maheshwari, respectively along with Mr Shubham, coordinator of the Vivekananda Auditorium.







# November

### 2021

#### **Uttaranchal University**

#### An awareness event on Electoral system-17<sup>th</sup> November 2021

Systematic Voters' Education and Electoral Participation program, better known as SVEEP, is the flagship program of the Election Commission of India for voter education, spreading voter awareness and promoting voter literacy in India. SVEEP's primary goal is to build a truly participative democracy in India by encouraging all eligible citizens to vote and make an informed decision during the elections.

Uttaranchal University has always been at the front of connecting with the community and the government agencies to be instrumental in bringing about a positive change in the society and nation. With this purpose Uttaranchal university organized an interactive event to create awareness among its students who would soon be entering into the voter population of the country about the detailed procedures of getting their names added to the voter list. The event also aimed at enabling the students from various parts and states of the country about the process of registering themselves on the online portal of election commission.

The program was organized on Wednesday, November 17, 2021 in the auditorium of the university where a large number of students had gathered to listen to the district level nodal officers of election commission. The program started at 10:45 AM with the opening address of Prof (Dr) Shravan Kumar-Dean Students' Welfare who introduced the students to the government officials present on the occasion and also told them about the program and its significance in general.

The Pro Vice Chancellor Prof (Dr) Rajesh Bahuguna was invited on to the stage subsequently who in his discourse with the students emphasized upon necessity of participation of the youth in the electoral system. He also elaborated on the various aspects of the voting system that ensures the flourishing of a healthy democracy in the country.

The program moved further with the address of Nodal Officer to the students who very specifically gave detailed information to the students about the entire procedure of getting the names added into the voter list. As many students belonged to the different states of the country therefore the relevant information was disseminated among the students for completing the entire process through the online mode.

The program concluded with a vote of thanks to the government agency for being a part of this important event organized by the University. The students also extended their heartfelt thanks to the University for organizing such a learning event.







# November

### 2021

Uttaranchal Institute of Pharmaceutical Sciences

## Free health checkup camp for adopted village Kotra Santoor- 18<sup>th</sup> November 2021

Uttaranchal Institute of Pharmaceutical Sciences Dehradun, Uttaranchal University under the banner of Pharmacology Club organized a free health checkup camp for adopted village Kotra Santoor, Dehradun on 18th of November 2021. The Camp was conceptualized and conducted under the guidance of Prof. (Dr.) Vikash Jakhmola (Dean, UIPs), and Camp was coordinated by Mrs. Pallavi Ghildiyal, Mrs. Nidhi Gairola and Dr. Ankit Sharma (Assistant Professor, UIPS) with Ms. Ritika Dixit and Mr. Ayush Dangwal as the student member of the Pharmacology Club. According to the Dean of UIPS Dr. Vikash Jakhmola Health is wealth and it must be protected. For the Camp Kotra Santoor Village School was chosen as a venue. Dr. Rishabh Joshi, MBBS and his renowned team attended the camp. The overall health conditions of all the Villagers was checked up by the team of doctors.

After checking up, the doctors even prescribed necessary medication, actions and precautions if needed to be taken. Beside health checkup, a Patient counseling and distribution of Medicine was also done by the Pharmacy Students of Uttaranchal Institute of Pharmaceutical Sciences.

In the camp 110 no of patient registered for the check up of chief complaints like Hypertension Diabetes, Common flu, etc for which they are provided with the appropriate medicine as prescribed by the team of doctors. Apart from this BMI, Blood sugar, Blood.Pressure. was also checked by the pharmacy students of the university and also provided with basic counseling on ailments and use of medicines.

The event ends up in the evening with vote of thanks by Gram Pradhaan of Kotra Santoor village Mrs. Anju Tomar on behalf of entire villagers. She expressed her vote of thanks towards Honorable Chancellor Shri Jitender Joshi, Honorable Vice Chancellor Prof.(Dr.) Dharm Buddhi, Dean of UIPS Dr. Vikash Jakhmola, event coordinators Mrs. Pallavi Ghildiyal, Mrs. Nidhi Gairola and Dr. Ankit Sharma (Assistant Professor, UIPS) and Students of UIPS for the successful organization of event.









#### NSS wing of Uttaranchal University

#### One day cleanliness awareness camp in village Kotra Santoor- 21<sup>st</sup> November 2021

NSS wing of Uttaranchal University organized one day cleanliness awareness camp in village Kotra Santoor on 21.11.2021 in village Kotra Santoor under cleanliness awareness program of Uttaranchal University. This camp was another step in the ongoing campaign towards making villages literate towards cleanliness.

The camp was inaugurated by the Chancellor of the University, Shri Jitendra Joshi, the Vice-Chancellor, Prof (Dr) Dharma Buddhi, Gram Pradhan Anju Tomar, Dean Students Welfare Prof (Dr) Shravan Kumar. The Vice-Chancellor of the University made the volunteers and villagers present in the camp aware about cleanliness and told that if we all remain aware about cleanliness then we can avoid many diseases.

During the camp, NSS volunteers cleaned the school premises of the village and eradicated carrot grass and the students made the villagers aware about cleanliness through a rally.

On this occasion NSS Program Officer Dr VK Srivastava, former Block Pramukh and current district Panchayat Member Ranjita Tomar, Gram Pradhan Kandoli Mukesh Kumar, Jayalal Nautiyal, who compeered the event and discussed the employability given by Uttaranchal University and expressed gratitude to Honorable Chancellor Mr. Jitendra Joshi, Shri Dheeraj Bisht, Surendra Tomar and Akash Joshi were present on the occasion.







## November

### 2021

#### Uttaranchal Institute Of Technology

#### Poster making Competition on "My idea of India" and "Elimination of violence against women"- 25<sup>th</sup> November 2021

Cultural committee of Uttaranchal Institute Of Technology organised a Poster making competitions which was held on Thursday, November 25, 2021 for the awareness of Elimination of violence against women day. the following themes were showcased in this competition

1. Elimination of violence against women.

2. My Idea of India (Amalgamation of Tradition and Heritage with the Modern Scientific Technological outlook).

The objective of the competition was to provide a platform for the students to canvass their thoughts as how they observe, perceive and reflect to the challenges in today's scenario. Around 16 students from all department of UIT have participated in the event with full zeal. The students expressed their views and thoughts that violence against women is an obstacle to a constructive, inclusive and sustainable society. Another primary objective is to address the strength, standing, achievement, and diversity of India. This activity kept the student engaged and it was organized to explore and encourage creativity in students and offer them a platform to showcase their skills. It inspired them to think and work creatively in order to promote artistic excellence also. All selected students participated earnestly in the competition. Prof (Dr) S D Pandey Dean, UIT addressed the student and said that today's women are at helm, she is no less in any genre and can excel in any field. Dr. Meenakshi Memoria HoD CSE also shared her experience about the challenges that a woman faces from and before her birth, and how she can stand out if she makes her mind up to achieving something. The final judgment of the event was made by Mr. Arvind Rawat, an Assistant Professor from Electronics Engineering, on the basis of Originality, Clarity of expression, Uniqueness, Close to the Theme. They came up with amazing creativity. Their efforts and initiative was appreciated by one and all. Following three students emerges as the winner of this event.

1st Harshita Pandey. CSE BS-5

2nd Mahima Chauhan .BS-2

3rd Divansh Chandan. BS-2





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