

A Case Study of Vocational and Skill-based Activities conducted in 2021-2022

Objective: To provide hands-on-training, enhance competencies, improve proficiency to enable students to demonstrate professional abilities for potential employment opportunities.

Method: Workshops/Boot Camps/Academia-Industry linkages in hybrid mode.

As per the institutional strategic/perspective plan with regard to skill development, under the aegis of Rashtriya Uchchar Shiksha Abhiyan (RUSA) Grant, 18 multi-faceted vocational and skill-based activities were conducted by 14 departments.

A Tabular description of the activities are as follows:

Sr. No	Department/Committee	Type of Programme	Title of the Programme	Date (From - to)	Duration	No. of beneficiaries	Description of the Programme
1	English	Workshop	Skill Enhancement and Career Guidance	07-02-2022 to 11-02-2022	5 days	62	Introduce students to explore diverse fields of study/occupation after graduation.
2	Nirmitee Kendra	Guest lecture	Establishing a Start-Up 101	26-09-2022	1 day	66	Enable students to understand the fundamentals of beginning a start-up. Provide opportunity to interact with budding student entrepreneurs.
3	Nirmitee Kendra	Workshop	Initio - Find Your Path	28-01-2022	1 day	110	A virtual business boot camp to help students with innovative ideas to start their businesses and to gain insight on how to better organise one's business idea and make it a profitable venture.
4	Philosophy	Workshop	DOT Listening Skills	08-02-2022 to 03-03-2022	25 days	30	a series of interactive sessions, thought exercises, role play and assignments that gave practical, insightful learning experience to assess oneself, others and situations.



5	Psychology	Workshop	Basic Helping Skills for Psychological Counseling	12-02-2022 to 03-03-2022	21 days	32	Give a frame of reference for students when they work as counsellors on completion of their graduation.
6	Biotechnology	Workshop	Developing & Refining Skills in Bioinformatics	02-03-2022 to 03-03-2022	2 days	30	To inculcate the basic skills required for analysis and interpretation of biological data among the students and to integrate the applications of information technology with biotechnology through virtual labs and simulation-based software.
7	Physics	Workshop	Programming and Interfacing using Raspberry Pi	14-02-2022 to 06-03-2022	14 days	60	To provide basic knowledge of Python and Linux. It included programming and interfacing using Raspberry-Pi and laboratory demonstration of interfacing with Raspberry-Pi.
8	Nirmitee Kendra	Workshop	Pitch to be Rich	24-02-2022	1 day	15	To help students understand different business models, market needs and start-up insights. To train students to make impressive business pitches and present them to investors.
9	Economics	Workshop	Enhancing the Skill of Research - Use of R Tools Software for Data Analysis	28-02-2022 to 05-03-2022	3 days	19	To enhance research skills of students by using R software. Students got hands-on- training in R by using different data sets.
10	Mass Media	Workshop/ Value Added Skill Based Course	Managerial Skills Development - II			107	To provide fundamental knowledge and exposure to the concepts, theories, and practices in the field of management for mass media students.
11	Microbiology	Workshop	Development of Skills in Biostatistics to analyse Biological Data Set	02-03-2022 to 03-03-2022	2 days	45	To teach students all the basic and advanced statistical tools and their applications with the use of basic software, like R software and analysis of data in Microsoft excel with the aim to enhance analytical skills.
12	Botany	Workshop	Workshop on Organic Gardening	02-03-2022 to 05-03-2022	4 days	22	To develop of hands-on skills among UG Botany students on organic kitchen gardening, microgreen cultivation, composting, medicinal plant cultivation, window gardening and organic control of pests and diseases.



13	Zoology	Workshop	Photography Skill Enhancement Workshop	04-03-2022 to 05-03-2022	2 days	48	To indulge and develop skills to work in a commercial photography platform and development of entrepreneurial skills.
14	Hindi	Seminar	Patrakarita Va Anuvaad mein Rojgaar ke Avsar, Avasyak Kuashal Tatha Chunautiyan	11-03-2022 to 12-03-2022	2 days	50	To explore & sharpen the skills of students required for Journalism & Translation and to make students aware about the new trends & challenges in both professions. The sessions provided detailed information about various types & processes of journalism and translation.
15	Bioanalytical	Workshop	Inculcating Research Aptitude and Developing Research Skills	24-03-2022 to 26-03-2022	3 days	110	To nurture deep thinking and develop analytical skills amongst students, so that it would enable them to discuss and develop ideas, and to address problems in collaboration with peers, which is the underlying structure of the process of scientific inquiry.
16	Commerce	Workshop	Workshop on Business Analytics Skills	03-02-2022 to 16-02-2022	14 days	45	To orient the participants to the field of Business Analytics and its significance in improving business efficiency. It introduced students to data management in a way that can make a difference in the bottom line of the company.
17	Mathematics	Workshop	Pathways to Develop Research Skills in Mathematics	05-03-2022	1 day	68	Webinar brought together academicians, faculty involved in research and students with research aptitude. It also aimed to nurture research aptitude by exchanging knowledge and ideas.
18	Bioanalytical	Workshop	Training and Skill Development in Instrumentation	14-03-2022 to 19-03-2022	6 days	72	To inculcate critical thinking, interdisciplinary approach and analytical reasoning in students, impart skill training/fresh skilling of laboratory instruments, equipment and bioanalytical techniques.



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