



मैत्रेयी महाविद्यालय

(राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद द्वारा 'A++' ग्रेड प्राप्त)
(दिल्ली विश्वविद्यालय)

बापू धाम परिसर, चाणक्यपुरी, नई दिल्ली – ११००२१

Ph:9311331434 Email:maitreyi1967@yahoo.co.in



कौशल विकास केंद्र

“अथर्वन्”

सतत विकास प्रौद्योगिकी



MAITREYI COLLEGE

NAAC Accredited 'A++' Grade College

(UNIVERSITY OF DELHI)

BAPU DHAM, CHANAKYAPURI, NEW DELHI-110021

Ph:9311331434 Email:maitreyi1967@yahoo.co.in



SKILL DEVELOPMENT CENTRE

“ATHARVAN”

Technologies for Sustainable Development

ABOUT ATHARVAN

Technology plays a crucial role in achieving sustainable development goals by addressing various environmental, social and economic challenges. “*Atharava Veda*” - one of the four Vedas, encapsulates the wisdom of the ancient sages who developed the early Indian technological advancements and thus the proposed centre “*Atharvān*” aims to integrate technologies for sustainable development.

The objective of this centre is to conduct specialized courses for integrated learning of various aspects of sustainable development. The centre aims to facilitate capacity building of stakeholders to fulfill the skill gap required to implement technology oriented solutions to resolve the challenges impeding sustainable development.

Creation, assimilation, and dissemination of knowledge from various disciplines is required for building a holistic perspective. The vision of the centre is to be a partner in utilizing the potential of technologies drawn from diverse disciplines to build a sustainable and prosperous future for India.

The college proposes to start the centre with a foundation course on “**Technologies for Sustainable Development**”. This course shall consist of various levels. Beginning with the basics of Integrated Circuits (ICs), the course will provide a practical introduction to Internet of Things (IoT) devices. Then, the students shall further delve into the chosen area of application of IoT (tracks) in sustainable development. Initially the college proposes to offer application of IoT in “Digital Agriculture” with seven specialised tracks. The faculty of the college along with the students have already worked in the area of “IoT-Based Smart Farming for Sustainable Agriculture” and the same has been presented and published at International level.

The college proposes to add in the future advanced levels such as “Digital Healthcare”, “Digital Water Management”, “Digital Waste Management”, “Digital Cities”, etc. Besides the special course, college will continue conducting the other general skill courses, add-on /short term courses for the benefit of learners.



VISION



“ATHARVAN”

Technologies for Sustainable Development

Impart Knowledge based Multidisciplinary and Transdisciplinary skills in pursuit of Academic excellence, Women Empowerment & Cooperative Lifelong Learning.



MISSION

SKILL DEVELOPMENT CENTRE “ATHARVAN”

Technologies for Sustainable Development



- Creation, assimilation, and dissemination of knowledge
- Multi- & Transdisciplinary learning
- Inclusivity
- Encourage creative thinking, innovation and entrepreneurship
- Holistic Quality Education
- Transform knowledge into unique skill set
- Catalyse learner skills for employability
- Establish an ecosystem leading to self reliance.



ACTION ORIENTED OBJECTIVES

SKILL DEVELOPMENT CENTRE

“ATHARVAN”

Technologies for Sustainable Development



To achieve the goals, the Centre will undertake the following action points:

- Conduct regular surveys among students for their choices in various skill sectors and feedback (during and at end of courses).
- Strengthen Academia-Industry-Skill Sector partnership with appropriate Memorandum of Understanding (MoU).
- Hold counseling sessions for trainees with relevant Industry experts.
- Provide a platform for Industry Internships and Placements at relevant levels of training.
- Encourage creative thinking, innovation and entrepreneurship.



SKILL ECOSYSTEM



- ▶ The college has a well established organisational milieu for conduct of Skill training.
- ▶ The college conducts several courses that are – coordinated, collaborated and curated within the college by the faculty from different Departments/Disciplines and in partnerships with other agencies under the aegis of the Short Term Courses Committee (Staff Council Committees since 2006).
- ▶ As several new courses have been included under the NEP curriculum (under Generic Elective, Skill Enhancement) the facilitation for the same is being accomplished by the SEC Committee of College, in coordination with the different Departments and University SEC committee.



OUR SPECIAL SKILL COURSE



a) **Course Type: Foundation Course**

Title: *Technologies for Sustainable Development*

Specialisation as per track

b) **Current advanced level “Digital Agriculture”.**



Technologies for Sustainable Development



To develop competence in understanding the concepts and processes of using technologies for sustainable development. The course consists of the following levels:

- Level 1 - Basics of Integrated Circuits (ICs)
- Level 2 - Fundamentals of Internet of Things (IoT)
- Level 3 - Applications of IoT in Sustainable Development
 - Level 3.1 - Digital Agriculture - Choose one of the following tracks of Digital Agriculture
 - Track 1 - IoT in Hydroponic Cultivation
 - Track 2 - IoT in Greenhouse Technology
 - Track 3 - IoT in Plant Tissue Culture Technology
 - Track 4 - IoT in Mushroom Cultivation
 - Track 5 - IoT in Sericulture
 - Track 6 - IoT in Aquaculture/ Pisciculture
 - Track 7 - Drone Technology in Agriculture



OUR DEPARTMENTAL CENTRES



S.No.	DEPARTMENT (in English)	DEPARTMENT (in Hindi)	SKILL CENTRE OF THE DEPARTMENT (in English)	SKILL CENTRE OF THE DEPARTMENT (in Hindi)	NO. OF COURSES OFFERED
1	Department of Botany	वनस्पति विज्ञान विभाग	Hareetika (Padap sanrakshan/ Paryavarniya chetna)	हरीतिका (पादप संरक्षण / पर्यावरणीय चेतना)	9
2	Department of Chemistry	रसायन विज्ञान	Srijan	सृजन	4
3	Department of Commerce	वाणिज्य विभाग	Prakharta	प्रखरता	2
4	Department of Computer Science	कंप्यूटर विज्ञान विभाग	Pravidhi	प्राविधि	3
5	Department of Economics	अर्थशास्त्र विभाग	Arth Kaushal	अर्थ कौशल	2
6	Department of English	अंग्रेजी विभाग	Akshar	अक्षर	6
7	Department of Hindi	हिन्दी विभाग	Sanrachna	संरचना	6



OUR DEPARTMENTAL CENTRES



S.No.	DEPARTMENT (in English)	DEPARTMENT (in Hindi)	SKILL CENTRE OF THE DEPARTMENT (in English)	SKILL CENTRE OF THE DEPARTMENT (in Hindi)	NO. OF COURSES OFFERED
8	Department of History	इतिहास विभाग	Miras	मीरास	2
9	Department of Mathematics	गणित विभाग	Anantam	अनंतम	5
10	Department of Physics	भौतिकी विज्ञान विभाग	Daksha	दक्षा	4
11	Department of Political Science	राजनीति शास्त्र विभाग	Yukti	युक्ति	0
12	Department of Punjabi	पंजाबी विभाग	Kaushal pehchan	कौशल पहचान	0
13	Department of Sanskrit	संस्कृत विभाग	Samvardhan Peetham	संवर्धन पीठम	1
14	Department of Sociology	राजनीतिक विज्ञान विभाग	Nigah	निगाह	2
15	Department of Zoology	प्राणी विज्ञान विभाग	Kavantran	कायांतरण	6

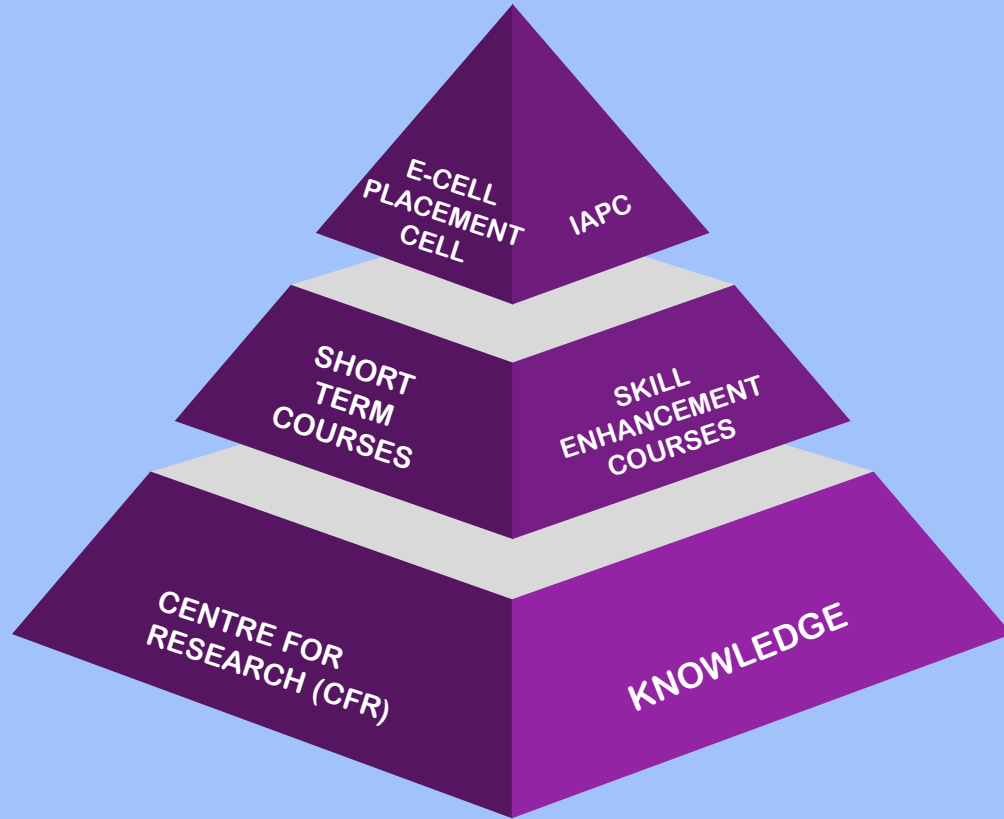


OUR SPECIAL CENTRES



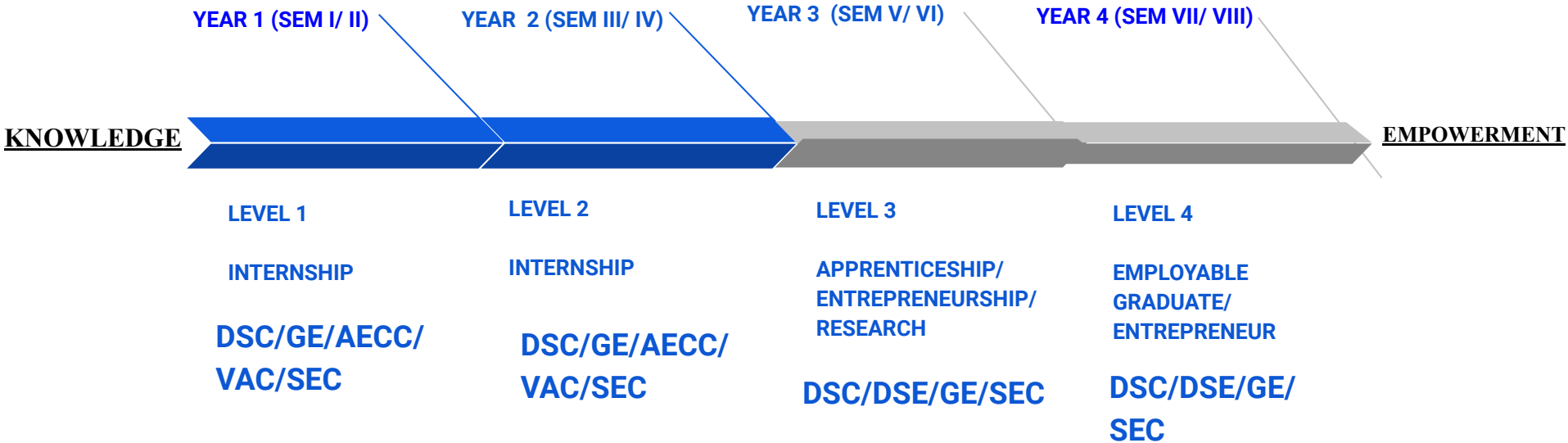
S.No.	DEPARTMENT (in English)	DEPARTMENT (in Hindi)
1	Entrepreneurial Cell (E-Cell)- Merarki	उद्यमिता प्रकोष्ठ
2	Placement Cell- Horizon	प्लेसमेंट सेल
3	Enabling Unit	सक्षम इकाई
4	Centre For Research	अनुसंधान केंद्र
5	NSS	राष्ट्रीय सेवा योजना
6	Short Term Courses Committee	लघु अवधि पाठ्यक्रम
7	IoT	इंटरनेट ऑफ थिंग्स
8	Digital Agriculture	डिजिटल कृषि

MARCHING TOWARDS SELF RELIANCE



ATHARVAN SKILL DEVELOPMENT CENTRE

HOLISTIC EDUCATION



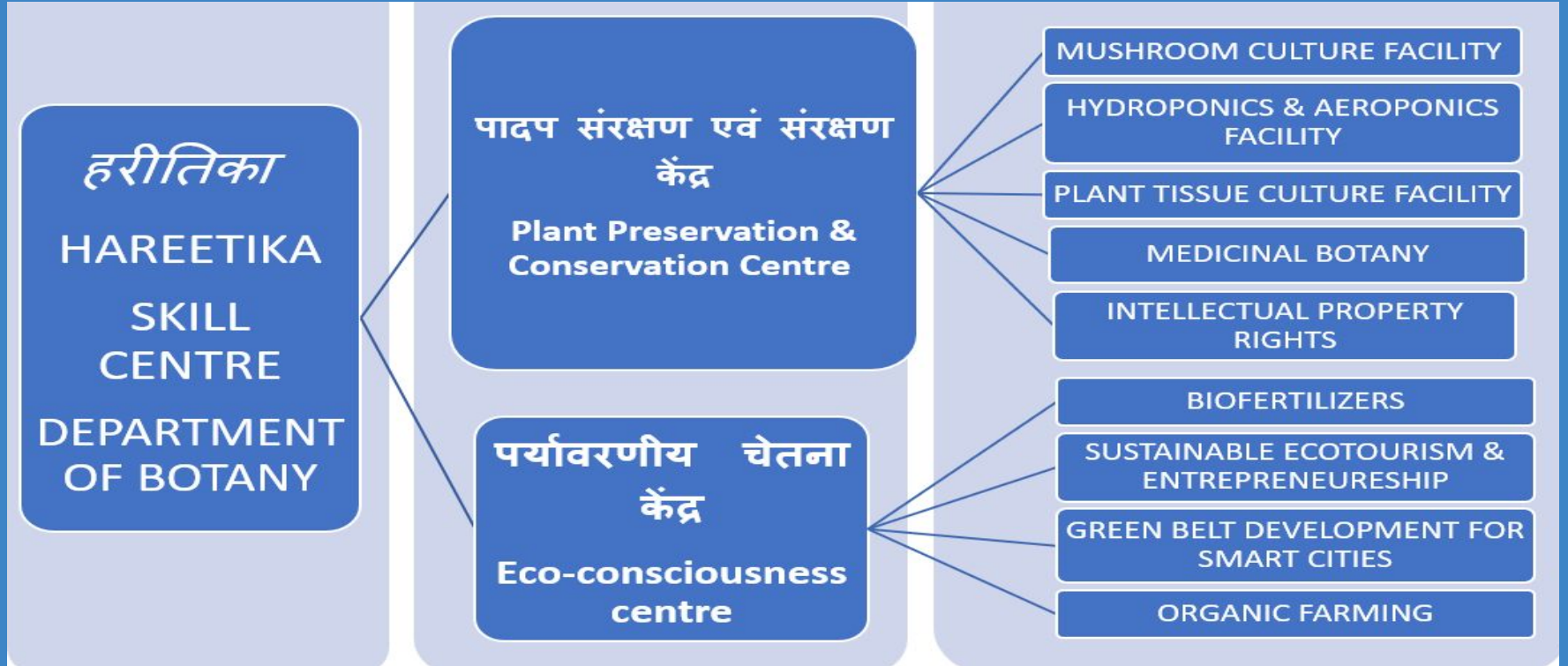


SKILL DEVELOPMENT CENTRE



हरीतिका
HAREETIKA
(संरक्षण से समृद्धि)

Department of Botany
Maitreyi College



Total No. of students benefited ~ **630**



Vision

To become a center of excellence in skill development in various fields of plant biology, impacting sustainable development goals (SDGs)



Mission



- To enhance experiential learning in the curriculum for students
- To develop partnerships within the college, with university departments and external academic and funding agencies
- To provide a platform to faculty members to further their expertise and be recognised as Professional Skill Trainers
- To ensure a continuum of trainings to students registered in the University as well as learners in the larger community/society
- To develop facilities to sustain different types of plant groups



Action-Oriented Objectives

- To develop and maintain infrastructure facilities to execute the skill enhancement courses and conduct short-term courses.
- To develop a memorandum of understanding (MoU) with key academic partners - Departments of Botany, Genetics, Plant Molecular Biology, Environmental Studies and Microbiology.
- To facilitate student apprenticeships and internships by industry collaboration with - National Skill Development Council; NSDC (Agriculture Skill Council), ICAR, BCIL, BIRAC, DEEP-C.
- To inculcate skills for successful implementation of various methods/practices for sustainable agriculture, impacting all SDGs (1-17).



Skill Enhancement Courses Offered



Semester	Paper Title	<i>Diversity of Enrolment</i>
Sem-I	Organic Farming Sustainable Ecotourism and Entrepreneurship	<i>B.Sc. Hons (Zoology)</i> <i>B.Sc. Hons (Chemistry)</i> <i>B.Sc. Life Science</i>
Sem-II	Biofertilizers Sustainable Ecotourism and Entrepreneurship	<i>B.A. Hons (Political Science)</i> <i>B.A. Hons (Sociology)</i> <i>B.A. Hons (English)</i> <i>B.A. Hons (Hindi)</i> <i>B.A. Hons (Sanskrit)</i> <i>B.A. Hons (History)</i>
Sem-III	Green Belt Development for Smart Cities Mushroom Culture and Technology-I	<i>B.Sc. (Mathematics)</i> <i>B.A. Hons (Economics)</i> <i>B.A. Hons (Commerce)</i>
Sem-IV	Plant Tissue Culture Mushroom Culture and Technology-II	<i>B.Sc.Hons. (Physics)</i>
Sem-V	Plant Tissue Culture Hydroponic and Aeroponic Farming	

S.No	Skill Enhancement course	Number of Students						Total No. of students
		Academic Year 2022-23		Academic Year 2023-24		Academic Year 2024-25		
	Semesters	Sem (1/3/5)	Sem (2/4/6)	Sem (1/3/5)	Sem (2/4/6)	Sem (1/3/5)	Sem (2/4/6)	
1.	Biofertilizers		17 (Sem 2)		40 (Sem2)			57
2.	Medicinal Botany		47 (Sem 4)		27 (Sem 4)			74
3.	Intellectual Property Rights	35 (Sem 3)	20 (Sem 6)		16 (Sem 6)			72
4.	Mushroom Culture and Technology - I/II			37 (Sem 3)	35 (Sem 4)	50 (Sem 3)		122
5.	Plant Tissue Culture					31 (Sem 4)	30 (sem 5)	61
6.	Hydroponic & Aeroponic Farming					50 (Sem 5)		50
7.	Sustainable Ecotourism & Entrepreneurship	37 (Sem 1)	35 (Sem 2)	45 (Sem 1)	61 (Sem 2)			178
8.	Green Belt Development for Smart Cities					24 (Sem 3)		24
9.	Organic Farming			22				22



Short Term Goals



The short term goals will help lay the foundation for the long-term success and growth:

- Imparting discipline-specific and inter-disciplinary skills to students
- Inculcating entrepreneurial skills to set up independent units in plant tissue culture, biofertilizers, hydroponics & aeroponics and mushroom culture technology.
- Creation of pool of skilled individuals for employment opportunities as researchers, technicians and support staff at the industries.
- Develop basic infrastructure basic facilities -pilot-scale for students
- Devise strategies for sustainability of pilot-scale facilities in college through marketing of products.



Long Term Goals

- To establish long-term collaborations with leading global institutions, research centers, and industries.
- To develop and offer advanced certifications and degree programs.
- To encourage students to go in for higher education, research and knowledge based skill sectors.
- To achieve financial sustainability by ensuring the lab's long-term financial viability by attracting diverse revenue streams.
- Establish successful entrepreneurs, academics and policy makers impacting sustainable development.



SKILLS ACQUIRED

- Learnt methods of various aspects of handling plants in tissue culture
 - Explant preparation, organogenesis, callogenesis
- Maintenance of clean, sterile areas for aseptic culturing techniques
 - Laboratory organisation and equipment operation
- Students gained knowledge of making strategy for setting marketing of the product.
- Acquired the knowledge of making various types of compost and its quality assessment.
- Acquired next-generation ecological entrepreneurial skills.
- Acquired the skills for identification, selection and planting of appropriate plants for restoring polluted environments and developing green belts.

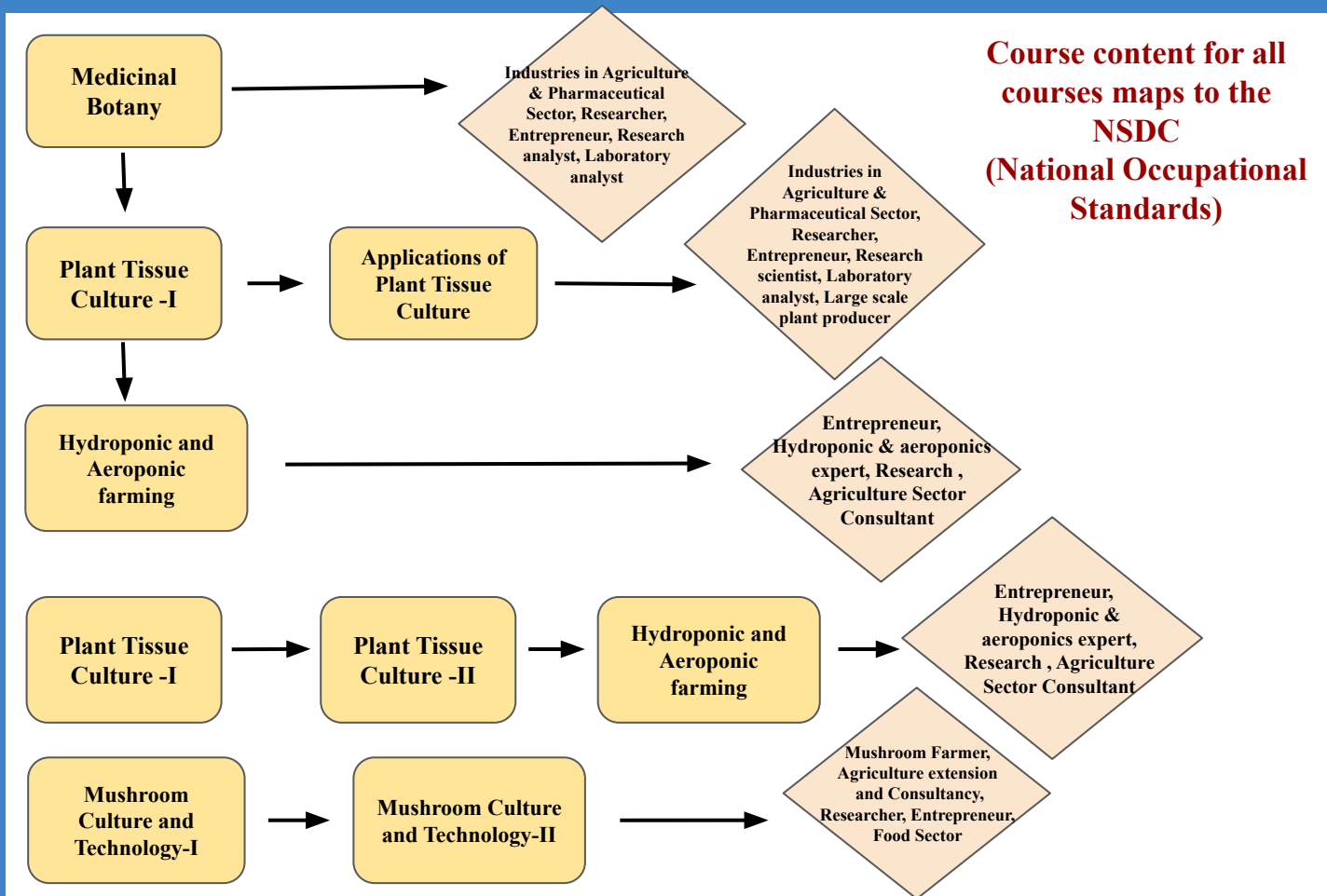
Marching Towards Employability & Entrepreneurship



पादप

संरक्षण

केंद्र

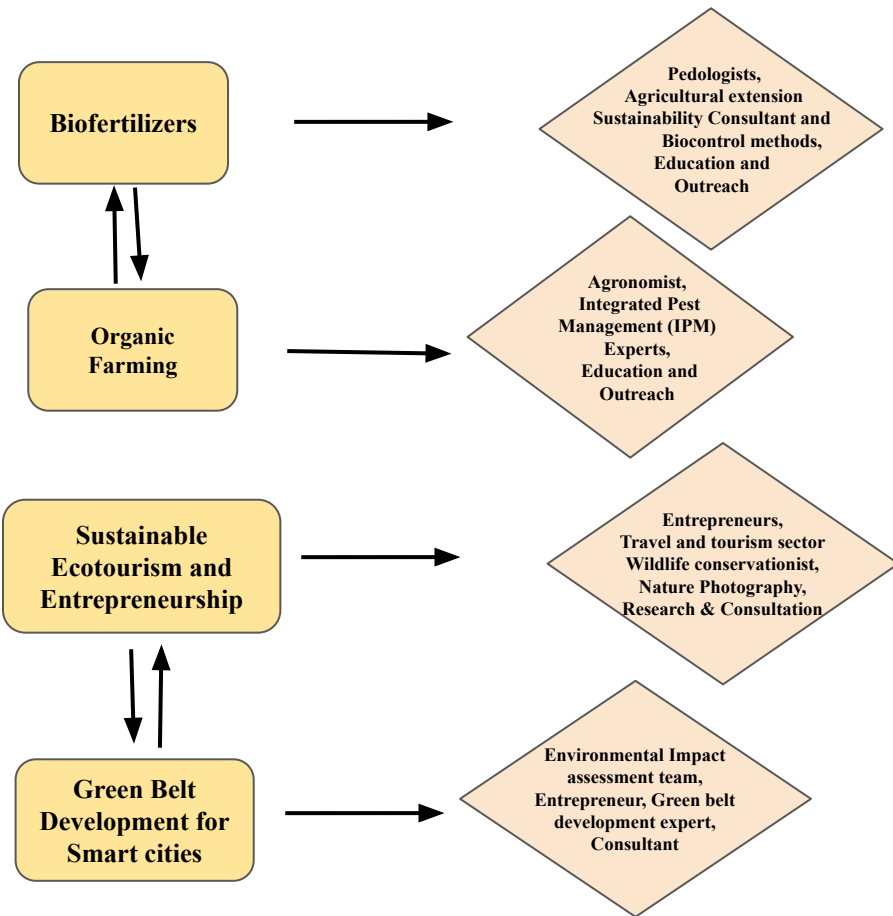


Plant
Preservation
&
Conservation
Centre

Marching Towards Employability & Entrepreneurship



पर्यावरणीय
चेतना
केंद्र



Course content for all courses maps to the NSDC (National Occupational Standards)

Eco-
Consciousness
centre



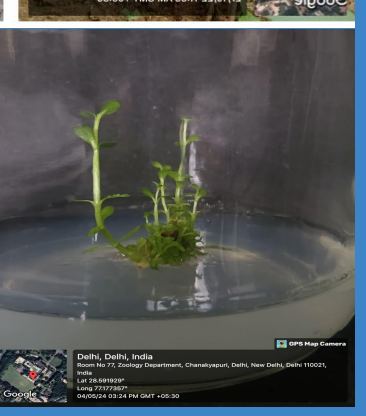
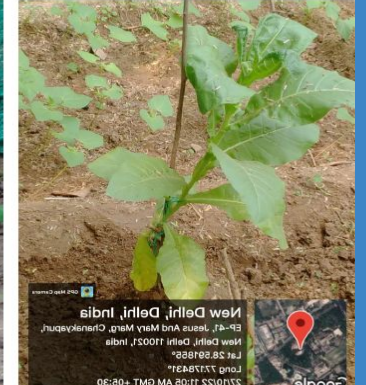
Chatraka: छत्रका

The Mushroom Haven

Kritrim : कृत्रिम

PLANT TISSUE CULTURE

"Life in glass"



New Delhi, Delhi, India
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Long 77.176859°
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New Delhi, Delhi, India
EP+28, 8 Bodhachristna Marg, Chanakyapuri, New Delhi, Delhi 110021, India
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Long 77.177094°
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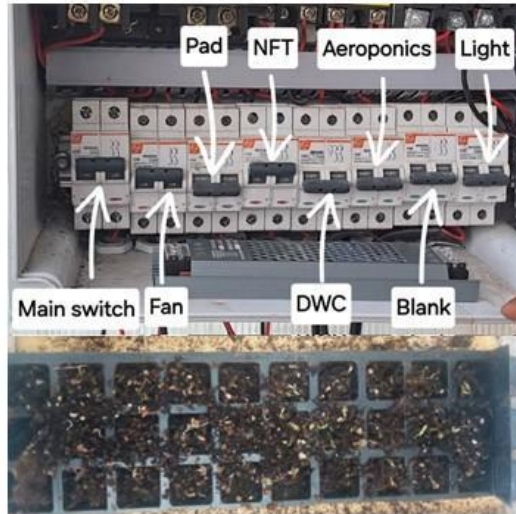
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New Delhi, Delhi, India
Room No. 77, Zoology Teacher Room Old Building, MAITREYI COLLEGE UNIVERSITY OF DELHI, Chanakyapuri, New Delhi, Delhi 110021, India
Lat 28.589729°
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Delhi, Delhi, India
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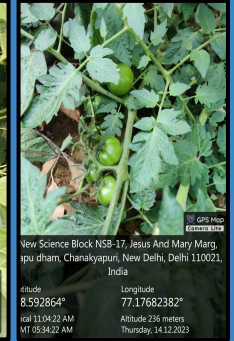


HYDROPONIC & AEROPONIC FARMING





पर्यावरणीय चेतना Eco-consciousness Centre



BIOFERTILIZERS

ORGANIC FARMING- 'NUTRIBIOME'



URVARA INSTITUTIONAL BIOCOMPOST



SUSTAINABLE ECOTOURISM & ENTREPRENEURSHIP





IAPC



INTERNSHIP/APPRENTICESHIP/PROJECT/COMMUNITY

Department of Botany
Maitreyi College



Vision and Mission: To provide relevant industry training to students and empowering them through industry academia partnerships.

Outcome: Strengthened industry- academia collaboration and career oriented experience for students

Industry: Agile Group Pvt. Ltd.

Sector Skill : Environment Consultancy

Mode of Implementation: Memorandum of Understanding (MoU)

No. of students benefited- Semester III - 05

Semester IV - 02



THANK YOU



SRIJAN

SKILL DEVELOPMENT CENTRE

DEPARTMENT OF CHEMISTRY

MAITREYI COLLEGE

Developing Skills For Sustainable Future





SRIJAN, The Skill Development Centre



Vision:

To establish ourselves as a premier center for skill development in applied chemistry, nurturing innovation and entrepreneurship amongst students and to contribute to the well-being of society by promoting the creation of eco-friendly, sustainable, and health-conscious products.

Mission:

- To empower students with hands-on knowledge and expertise in the chemistry of everyday life.
- To blend theoretical knowledge with practical skills, enabling students to innovate and create products that are safe, sustainable, and beneficial for society.
- To imbibe entrepreneurial skills, fostering a spirit of innovation and business acumen among students.



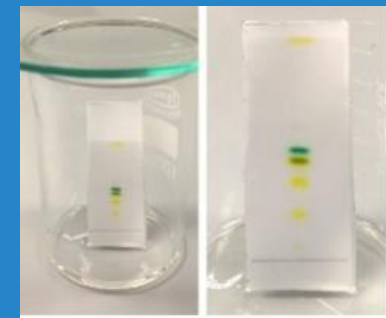
SKILL ENHANCEMENT COURSES OFFERED BY DEPARTMENT OF CHEMISTRY



Skill Enhancement Course	No. of Students Benefitted
Chemistry of Cosmetics and Hygiene Products	90
Healthy and Sustainable Food Choices	77
Chemistry of Food, Flavours and Colourants	44
Essential Food Nutrients	79

Diversity of Enrollment

B.Sc. (Hons) Chemistry
B.Sc. (Hons) Botany
B.Sc. (Hons) Zoology
B.Sc. (Prog) Life Science
B.Sc. (Prog) Physical Science
B.A. (Hons and Prog)
B.Com. (Hons and Prog)





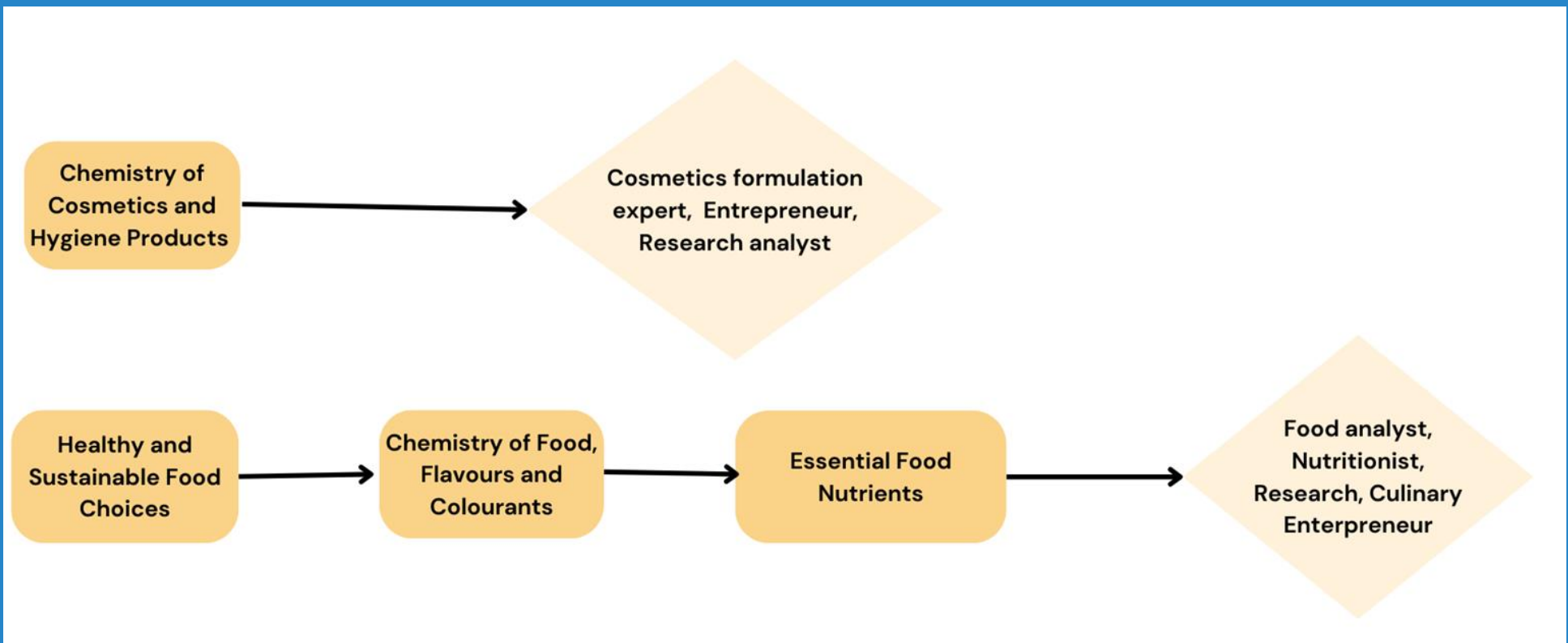
SKILLS ACQUIRED



- **Formulation Techniques:** Expertise in creating a variety of cosmetic and hygiene products using different techniques, such as herbal soaps (hot, cold, and melt-and-pour processes) and blending methods for lotions, lip balms, and talcum powder.
- **Sustainable Product Development:** Proficiency in eco-friendly and zero-waste practices for product formulation, emphasizing sustainability throughout the development process.
- **Analytical and Quality Control Skills:** Ability to analyze and assess the chemical composition, safety, and efficacy of products, ensuring they meet stringent safety, sustainability, and quality standards.
- **Entrepreneurial Skills:** Development of a business-oriented approach, with the ability to launch and manage start-ups in the chemistry and product development sectors.
- **Product Innovation and Improvement:** Hands-on experience in formulating and enhancing various products, including cosmetics, hygiene products, and food additives.
- **Culinary Techniques and Nutritional Science:** Proficiency in basic culinary skills (e.g., cutting, chopping, sautéing, stir-frying, plating, garnishing, glazing) and knowledge of spices and herbs as flavor and texture enhancers. Ability to plan balanced diets, including calorie counts and portion sizes, and conduct laboratory analysis of food's nutritional components.



MARCHING TOWARDS EMPLOYABILITY



SRIJAN: COSMETICS FORMULATION LAB





KASTURI HERBALS

START-UP OF CHEMISTRY DEPARTMENT



KASTURI HERBALS

The brand name of the startup by the Department of Chemistry, Maitreyi College University of Delhi, introduces 100% natural and herbal handmade skincare products like soaps, face packs, and ubtans, Lip balm, shave bar, facial bomb, Lotion Bar multipurpose kitchen Bar (Dish, vegetables and fruits bar). The department offered the Skill Enhancement Course, "Chemistry of Cosmetics and Hygiene products", in which students get hands-on experience in preparing soap formulations using natural ingredients like organic herbs, flowers, essential oils, organic oils fruits juice etc. The prepared soaps are 100% free from any synthetic lathering agents such as SLS, SLES, artificial coloring agents and preservatives. This startup can shape and nurture the entrepreneurship temperament in the students.

We have crafted the natural and organic soaps of various variety such as hot process soaps, cold process soaps, castile soaps and soap base, which are prepared by saponification of natural oils such as cold press organic coconut oil, olive oil, Jojoba oil, almond oil and different types of cosmetic butters. The saponified oils are unique blend of 100% Pure Essential oil, herbs, fruits, nuts and dried flowers.

***All products are absolutely eco-friendly, cruelty free and vegan, these are scientifically formulated & Hygienically crafted tested in LABORATORY and were found to be safe and nourishing for all skin types.

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START-UP TEAM



Dr. HEMA BHANDARI
Assistant Professor
Department of Chemistry



VAISHALI
B.Sc. Chemistry (hons)



SHRISHTI YADAV
B.Sc. Chemistry (hons)



KIRTI PATLE
B.Sc. Chemistry (hons)



KASHISH SHIVHARE
B.Sc. Chemistry (hons)

Chemistry of cosmetics and Hygiene Products



Name of products prepared by students during SEC practical

1. herbal soaps
2. vanishing cream
3. sunscreen lotion
4. cold cream
5. aloe Vera gel
6. Nail polish removal
7. sanitizer
8. tooth powder
9. telcum powder
10. lip balm
11. face pack
12. Ubtans

डीएसबी परिसर में हुआ स्किन केयर पर विशेष कार्यशाला का आयोजन



इस मौके पर कुलपति प्रो. दीपक सिंह रावत ने कहा कि कार्यशाला में सीखकर अगर कोई प्रतिभागी नया उपकरण बनाए है तो उसे विधिवत रूप से प्रमाणित करके उसे बाजार में बेचना भी संभव है। कार्यक्रम के अंत में कुलपति प्रो. दीपक सिंह रावत ने विभागाध्यक्ष प्रो. रमेशन विद्यालोक को प्रशंसा पत्र प्रेषित किया।

डीएसबी परिसर में विद्यालोक ने आयोजित किया गया था। कार्यक्रम में कुलपति प्रो. दीपक सिंह रावत ने विभागाध्यक्ष प्रो. रमेशन विद्यालोक को प्रशंसा पत्र प्रेषित किया। कार्यक्रम के अंत में कुलपति प्रो. दीपक सिंह रावत ने विभागाध्यक्ष प्रो. रमेशन विद्यालोक को प्रशंसा पत्र प्रेषित किया।

छात्रों को दिए त्वचा की देखभाल के टिप्स



प्रो. रमेशन विद्यालोक ने छात्रों को त्वचा की देखभाल के टिप्स दिए। उन्होंने बताया कि त्वचा की देखभाल के लिए सही प्रकार की देखभाल करना आवश्यक है।

विद्यार्थियों को त्वचा की देखभाल के टिप्स दिए। उन्होंने बताया कि त्वचा की देखभाल के लिए सही प्रकार की देखभाल करना आवश्यक है।

आज उत्तराखण्ड समाचार

हनुन किसी भी इंसान की सबसे बड़ी पहचान : कुलपति प्रो. रावत



कुलपति प्रो. दीपक सिंह रावत ने कहा कि हनुन किसी भी इंसान की सबसे बड़ी पहचान है। उन्होंने कहा कि हमें अपने हनुन को सही प्रकार से देखभाल करना चाहिए।



SRIJAN: CULINARY SKILL LAB





SKILL DEVELOPMENT CENTRE

“ प्रखरता (Prakharta) ”

Department of Commerce
Maitreyi College



Vision:

Prakharta aims to be a financial knowledge center to make young girls financially literate and independent, which indeed can give flight to their entrepreneurial wings for which from this academic year we have also offered another SEC- Innovation and Entrepreneurship by our department.

Mission:

- To develop the knowledge of conceptual understanding of financial planning and investment among students.**
- To instill in our students the ability to perform and understand basic financial activities done in banks, stock markets, in ITR-filing.**
- To empower our students to become financially independent and empowered.**



SECs offered by Department of Commerce

SECs	No. of Students Benefitted
Finance for everyone	219 (2023 – 2024) 112 (2022 – 2023)
Personal Financial Planning	48 (2022 – 2023)

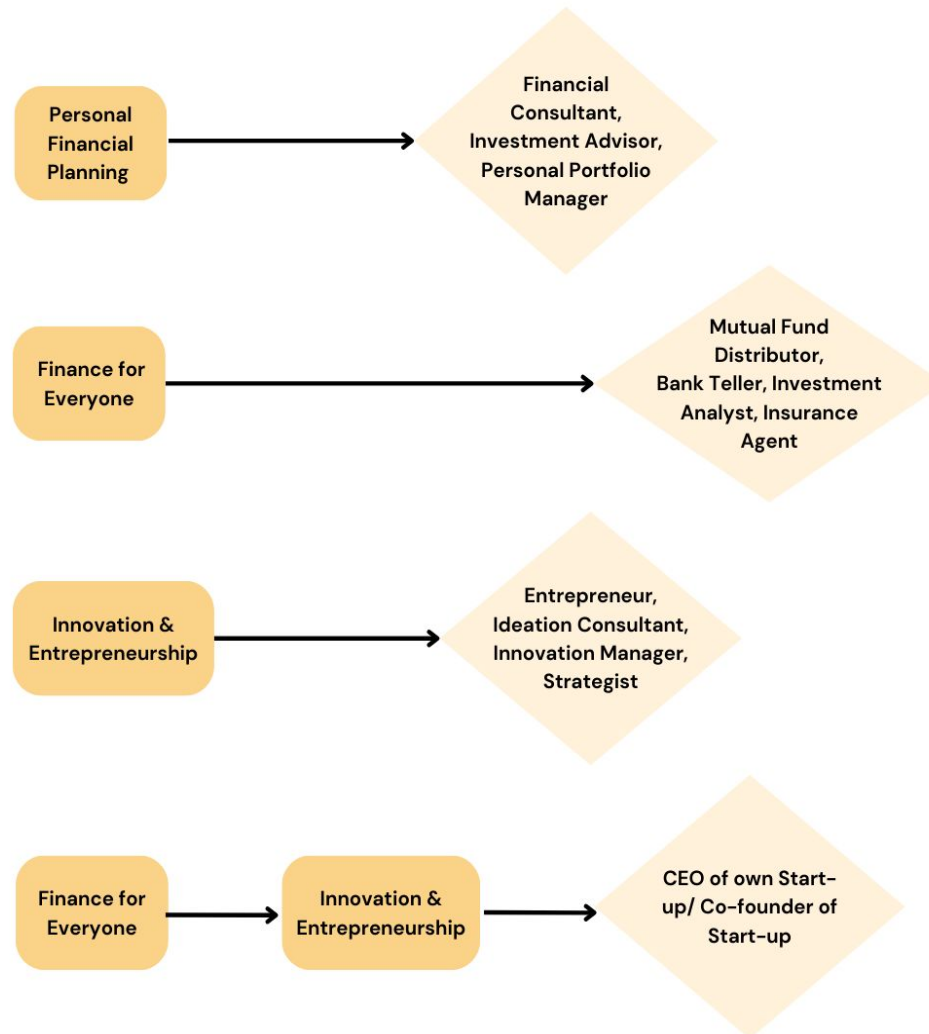


Skills Acquired:

- Inculcating in the students the understanding of *budgeting* and making *personal and family budget* for themselves
- Developing a basic overview of *personal investment planning process*
- *Making use of Excel utility functions* to make calculations for finance and investment related parameter like Present Value, Future Value, Rate of Interest etc.
- *Making use of tax utilities* to get hands on experience on Income tax portal
- Understanding of different *types of insurance* and their sub-provisions with the help of group discussions and assignments
- Getting hands on practical skills of basics of *banking and KYC process*
- Imparting *financial literacy* indeed leading to *financial inclusion of the entire family and empowerment of women*



Marching towards Employability





WOMEN EMPOWERMENT

17 DECEMBER 2021
11:30 AM - 01:00 PM

Hosted by



MAITREYI COLLEGE
(University of Delhi)

INAUGURAL SPEAKERS



Prof. Shital Jhunjunwala
Honorary Treasurer, Governing Body
University of Delhi



B Raghava Srinivasan
Head - Government & Corporate
Initiatives, ICT Academy



Prof. Haritma Chopra
Officiating Principal
Maitreyi College



Ginmun Lal
Assistant Professor - Dept. of Commerce
Maitreyi College



Kamlesh Kumar Singh
State Head
ICT Academy

www.ictacademy.in/marico

1. Mrs. Jai's grand with the monthly family budget including all family members.

Family Budget

2) Total income of family:
Father = ₹ 1,80,000
Mother = ₹ 50,000
Daughter (Mrs.) = ₹ 70,000 (+)

Total Income (Family) = ₹ 3,00,000 + 3000

3) Total expenses:
Father = ₹ 90,000
Mother = ₹ 20,000 (+)
Daughter (Mrs.) = ₹ 20,000 (+)

Total expenses (Family) = ₹ 28,000 = (B)

4) Total savings:
Total Income = ₹ 3,00,000 + 3000
= ₹ 3,03,000

Total expenses = ₹ 28,000

Total savings of family = ₹ 2,75,000

	A	B
1	₹12,123.22	
2		Ques 1 (1)
3		
4		
5		

HEALTH INSURANCE

1. Mrs. Jai's grand with the monthly family budget including all family members.

Family Budget

2) Total income of family:
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Mother = ₹ 50,000
Daughter (Mrs.) = ₹ 70,000 (+)

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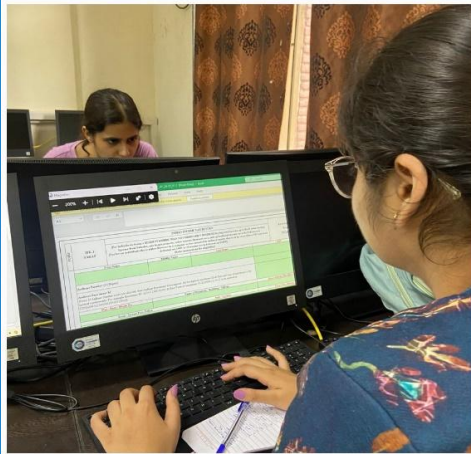
3) Total expenses:
Father = ₹ 90,000
Mother = ₹ 20,000 (+)
Daughter (Mrs.) = ₹ 20,000 (+)

Total expenses (Family) = ₹ 28,000 = (B)

4) Total savings:
Total Income = ₹ 3,00,000 + 3000
= ₹ 3,03,000

Total expenses = ₹ 28,000

Total savings of family = ₹ 2,75,000



STEPS IN INVESTMENT PLANNING

1. Define investment planning
2. Identify investment goals
3. Assess investment opportunities
4. Evaluate investment options
5. Implement investment strategy
6. Monitor investment performance
7. Re-evaluate investment strategy

NEED AND WANT

Needs are basic requirements that are necessary for surviving such as food, shelter and clothing.

Wants are desires or things that we would like to have but are not essential for survival.

FAMILY BUDGET (Assignment 3)

Prepare a monthly family budget (for April)

1) Father

Income	Expenses
1) Regular Income: ₹ 1,80,000	1) Regular expenses: ₹ 90,000
2) Bonus from P.F. (Monthly): ₹ 20,000	2) Irregular expenses: ₹ 20,000
3) Total regular income: ₹ 2,00,000	3) Total regular expenses: ₹ 1,10,000
4) Total income: ₹ 2,20,000	4) Total expenses: ₹ 1,30,000
5) Total savings: ₹ 90,000	



SKILL DEVELOPMENT CENTRE

“ PRAVIDHI ”

Department of Computer Science

Maitreyi College



Vision:

Prepare students to excel in a dynamic and evolving technological landscape.

Mission

To empower students with strong foundations of key computer science concepts and practical skills that drive innovation and problem solving skills.



SEC Courses offered by Department of Computer Science



Name of SEC Course	No. of Students Benefitted
Programming with Python	81
Front-End Web Design and Development	124
Back-End Web Development	37
App Development Using Flutter	52



Skills Acquired:

Designing Website

Students are developing websites that involves learning and applying various skills such as coding, design, and problem-solving.

Programming Skills

Students learn a structured approach that includes learning fundamental concepts, practicing coding, and creating real-world applications.

- **Data Analytics**

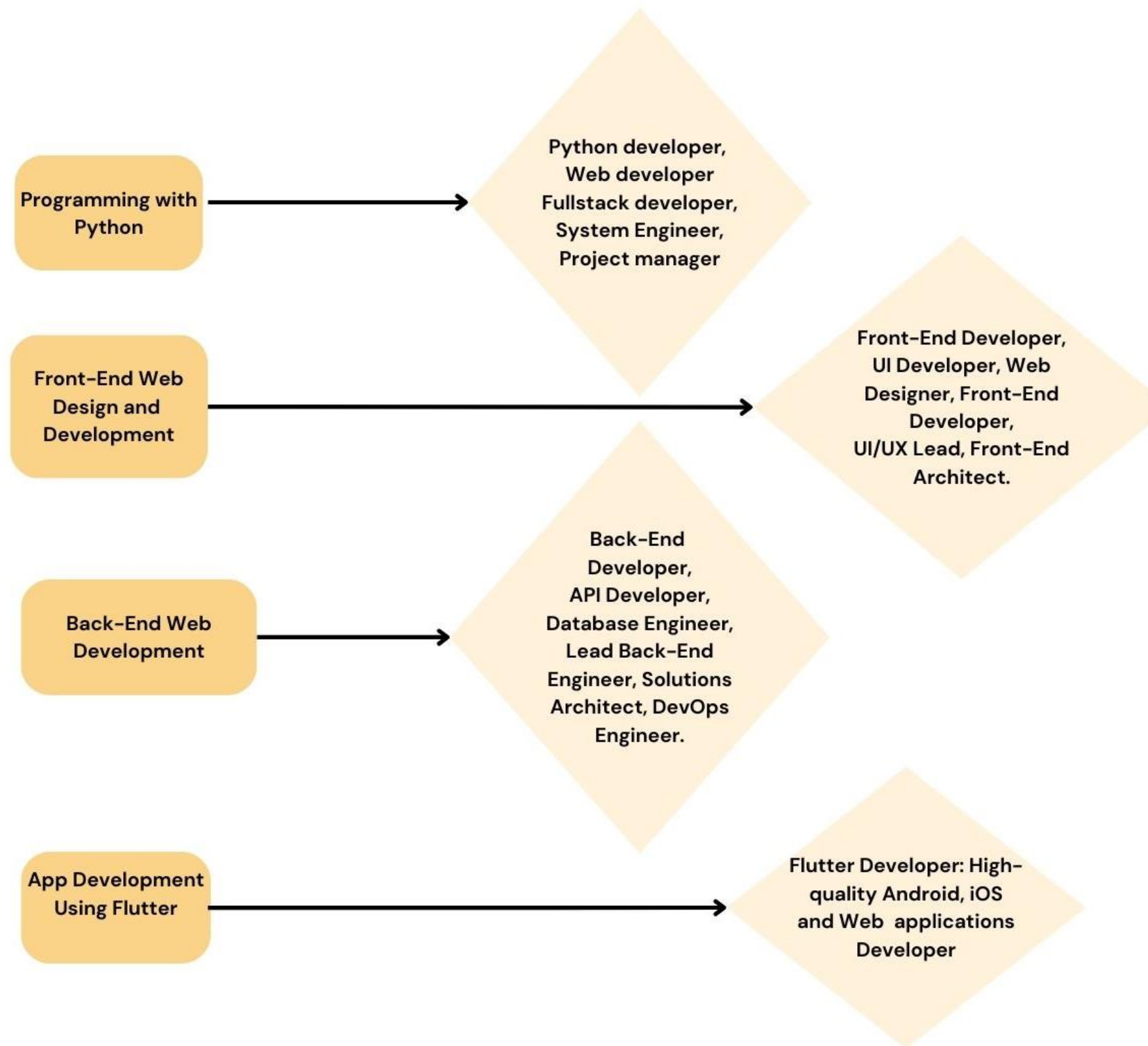
Students learnt to examine and interpret complex data to help inform decision- making and solve problems.

- **Developing Mobile Apps**

Students learnt framework for building natively compiled applications for mobile, web, and desktop.



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THE FUTURE OF LEARNING

CAREER LAUNCHER
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Python GUESS THE NUMBER Game – Version 1
We always need to first Develop the Pseudocode Logic for the Program:

```
Begin
ComputerAnswer ← 7
PRINT "Enter a Guess in the Number Range of 1 to 10"
READ Player's Input Number Guess
IF PlayerGuess > ComputerAnswer
  Message : "Sorry but your Guess was too High."
ELSE
  IF PlayerGuess < ComputerAnswer
    Message : "Sorry but your Guess was too Low."
  ELSE
    Message : "GREAT WORK – You Guessed It!"
  END IF
END IF
```

A project work on Mobile application develop



SKILL DEVELOPMENT CENTRE

“ArthKaushal”

Department of Economics
Maitreyi College



Vision: The center emphasizes on the goal of equipping students with the knowledge and skills necessary to take control of their financial lives and work towards long-term success.

Mission: The mission highlights the course's commitment to delivering practical, actionable education that empowers individuals to take charge of their financial well-being.

- Understand the fundamentals of Personal Financial Planning
- Learn the basics of managing personal tax liabilities
- Learn the basic concepts and underlying principles for Retirement Planning.
- Ascertain and choose appropriate insurance policies for managing personal risks.
- Evaluate various asset classes on the basis of risk-return and personal investment goals
- Techniques of evaluating risk and return
- Create, maintain and grow personal investment portfolio



SECs offered by Department of Economics

SECs	No. of Students Benefitted
Personal Financial Planning	126
Finance for Everyone	174

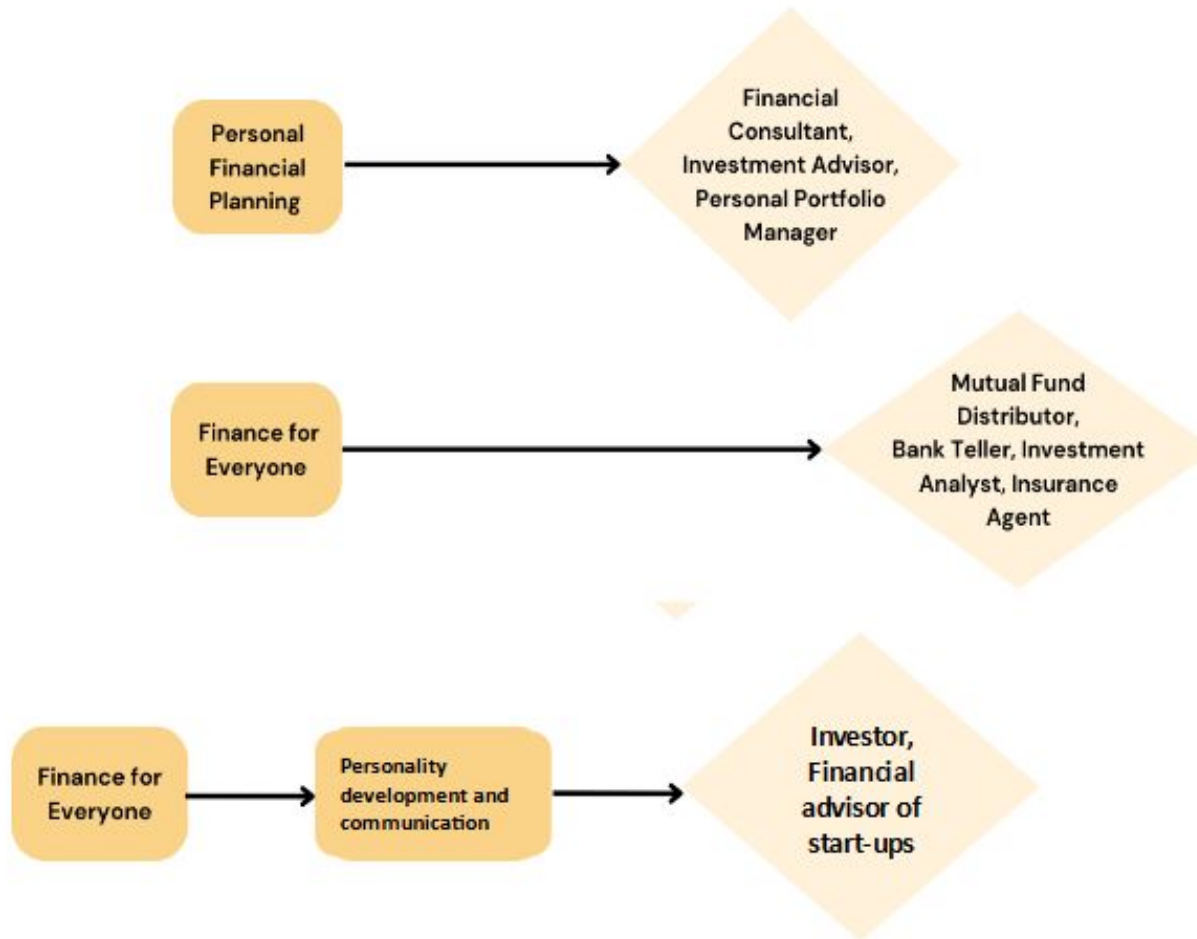


Skills Acquired:

- Financial Instruments Knowledge
- Insurance Planning
- Retirement Planning



Marching towards Employability





Short term and Long Term Goals

SHORT-TERM GOALS	LONG-TERM GOALS
<p>Basic Financial Literacy: Equip students with fundamental knowledge of personal finance, including budgeting, saving, and managing debt.</p> <p>Financial Tools Mastery: Teach students to effectively use financial tools and apps to track expenses and savings.</p> <p>Emergency Fund Setup: Guide students in establishing or enhancing an emergency fund.</p> <p>Debt Reduction Plan: Help students develop a strategy to pay off high-interest debt within a manageable timeline.</p>	<p>Financial Independence: Allow students and young scholars to learn financial independence, long term financial planning which also includes retirement planning.</p> <p>Comprehensive and elaborative Financial Planning: Embedding skills in students to plan their long term finances such as funding education, buying a home, setting up business or start-ups and other major life-goals.</p> <p>Wealth Preservation: Create awareness about financial management, risk management and wealth preservation</p> <p>Continuous Financial Growth: Fosters continuous learning and adaptation towards various financial opportunities and challenges. It aims to lay foundation for sustainable financial well-being.</p>



SKILL DEVELOPMENT CENTRE



Department of English
Maitreyi College



Maitreyi College
University of Delhi



Cultivating Communication Through Skill Enhancement

Department of English
Courses



Vision: Developing intellectual and linguistic faculties through new age technology and enhancing communication skills.

Mission:

To train students in efficient and accurate use of language and communication tools in different social and professional settings.

Creating articulate and confident young women capable of participating in public life and contributing to nation building.

Knowledge creation, idea generation and dissemination. Enhancing creativity, critical thinking and problem-solving skills among students

Integrating communication, social entrepreneurship, economic sustainability and emotional development.

Preparing students for entering the workforce and equipping them with necessary soft and organizational skills

To train the country's youth to become leaders of tomorrow with expertise in nuanced thought and expression

Increased industry collaboration

Becoming a self-sustaining skill centre



SECs offered by Department of Mathematics



Skill Enhancement Course	No. of Students Benefitted
Business Communication	60
Creative Writing	456
Communication in Everyday Life	223
Communication in Professional Life	304
Personality Development & Communication	512
Public Speaking in English Language & Leadership	507
Life Skill Education	154



Skills Acquired:



Spoken and written language proficiency.



Nuances of language such as intonation, diction, pronunciation, body language and non verbal communication.



Ability to articulate efficiently in professional and social spaces.



Addressing large gatherings in varied settings



Organizing and presenting ideas, structuring an argument



Writing articles, reports, essays, blogs, posts, scripts etc



Making and presenting PPTs, group presentations, group discussions, facing interviews



Social and emotional roundedness.



Negotiation and conflict resolution



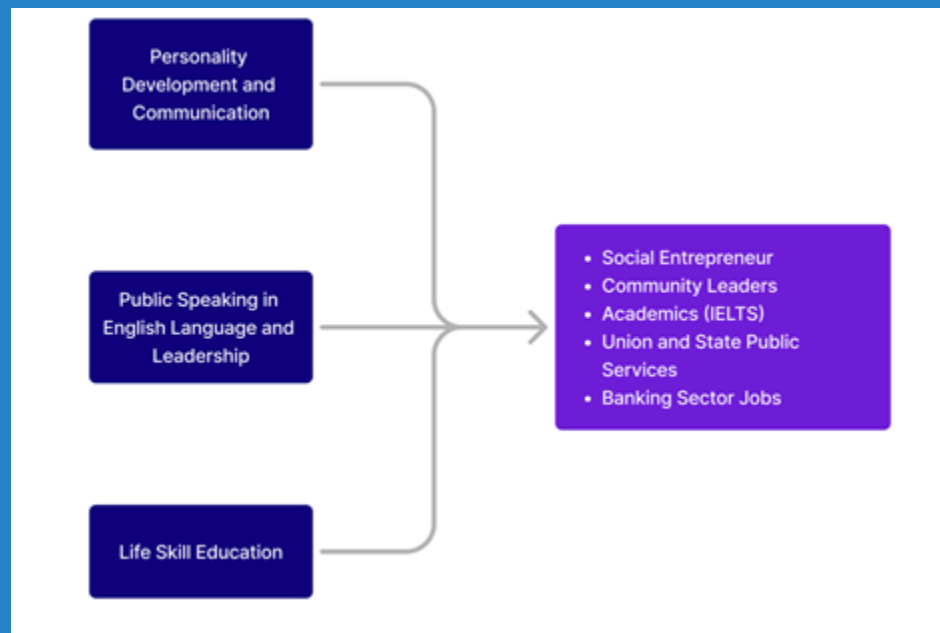
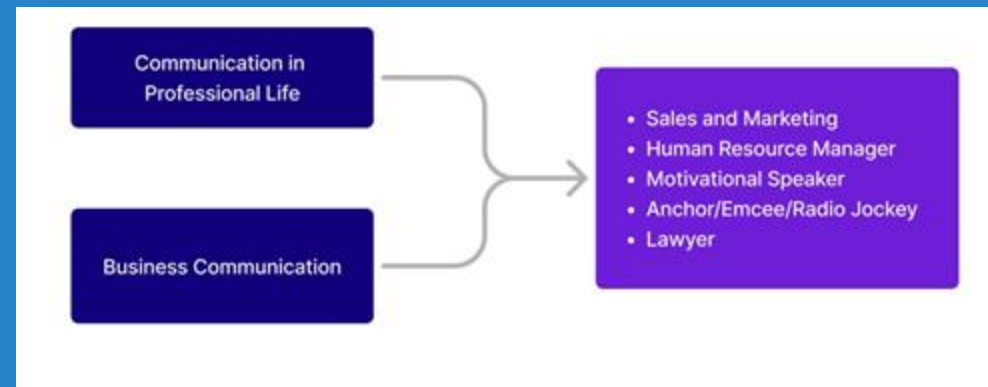
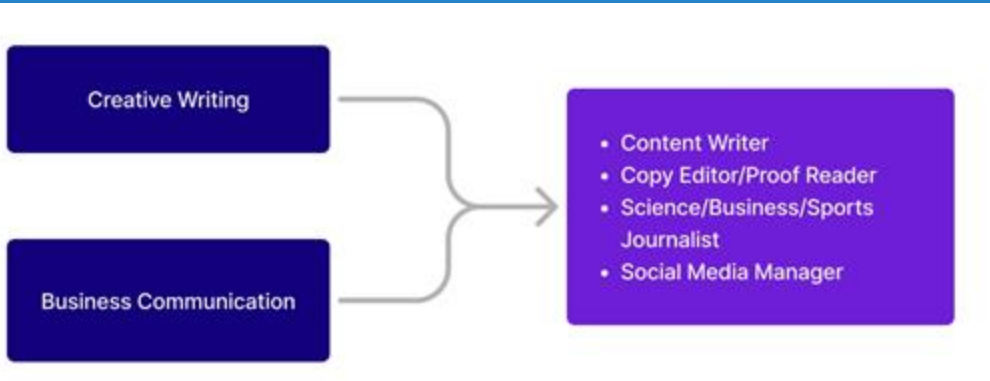
Enhanced confidence and leadership skills



Being camera ready



Marching towards Employability







कौशल संवर्धन केंद्र



हिंदी विभाग

मैत्रेयी महाविद्यालय



लक्ष्यः



सूचना एवं प्रौद्योगिकी के इस नए प्रतिस्पर्धी वातावरण में बौद्धिक एवं भाषायी कौशल के साथ रचनात्मक कौशल को बढ़ाना

उद्देश्यः

- रचनात्मक कौशल का विकास
- अभिनय के माध्यम से विद्यार्थियों के व्यक्तित्व का विकास
 - सामूहिक कार्यदक्षता का विकास
 - संवाद कौशल का विकास
 - नेता, नीति और नीयत का निर्माण
 - नेतृत्व/निर्णय क्षमता का विकास
- विद्यार्थियों में संसदीय क्षमता/ दक्षता का विकास
 - भावनात्मक बुद्धिमता



हिंदी विभाग द्वारा प्रस्तुत कौशल संवर्धन पाठ्यक्रम

कौ. सं. पा.	लाभान्वित विद्यार्थियों की संख्या
रचनात्मक लेखन	78
रंगमंच	105
पॉलिटिकल लीडरशिप एंड कम्युनिकेशन	67
पटकथा लेखन	22

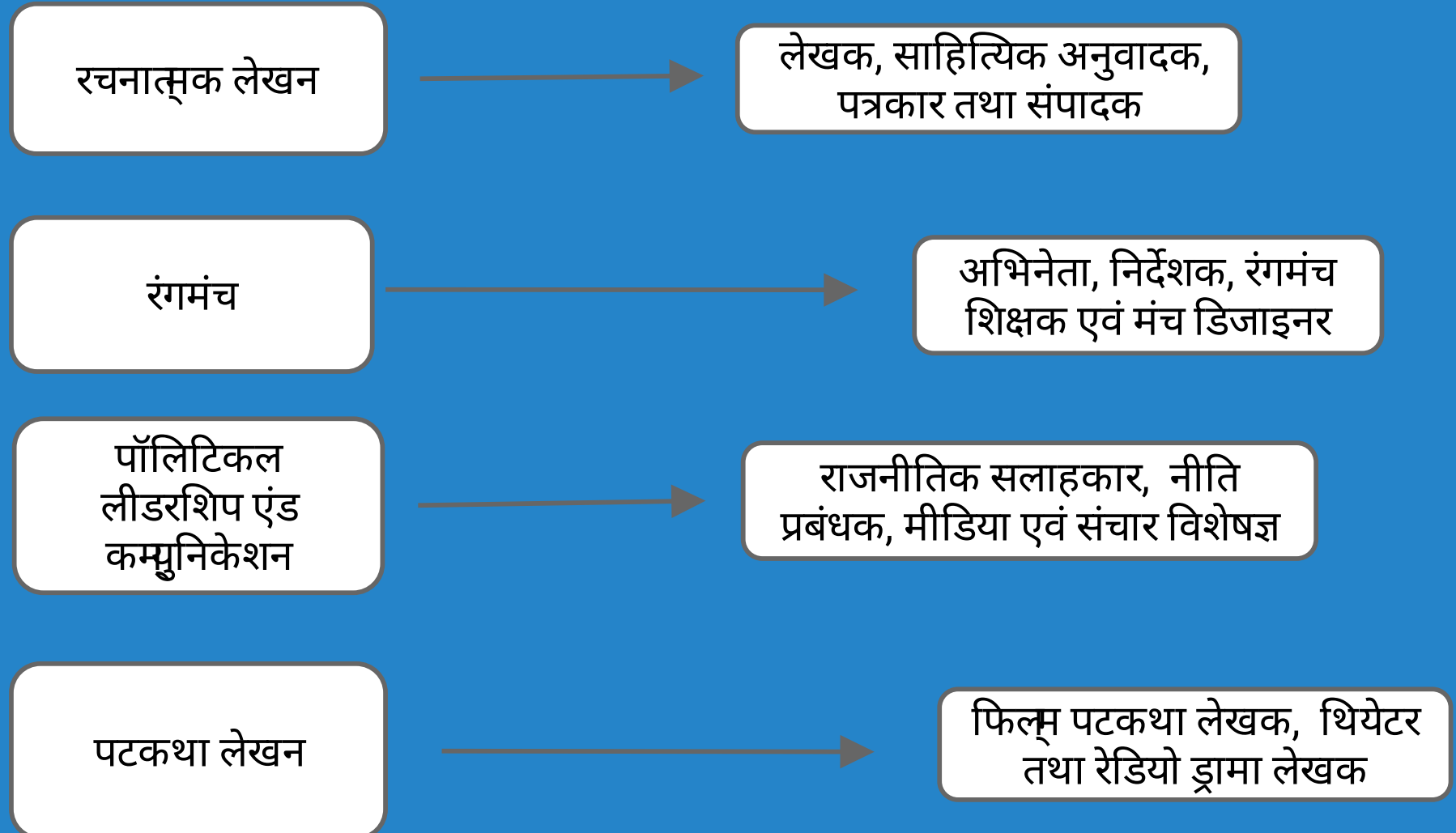


अर्जित कौशल:

- ~ भाषा की बारीकियां जैसे- शुद्ध वर्तनी एवं लेखन कौशल में दक्षता
- ~ विचारों का व्यवस्थिकरण, प्रस्तुतिकरण और तर्क क्षमता का विकास
- ~ स्वरचित कविता, कहानी, एवं ब्लॉग लेखन इत्यादि रचनात्मकता का विकास
- ~ पीपीटी बनाना और प्रस्तुत करना, सामूहिक चर्चा, साक्षात्कार का सामना करना
- ~ सहृदयता, सहिष्णुता, संवेदना, परदुःखकातरता , संबंधों के प्रति सहजता
- ~ चुनौतियों का सामना एवं संघर्ष समाधान
- ~ विज्ञापन, गीत, संवाद एवं शोध लेखन
- ~ वाद - विवाद, संपादन, अनुवाद, कार्यक्रम संचालन



रोजगार की ओर अग्रसर





छायाचित्रों का संग्रह



'हिंदी साहित्य संगम'
हिंदी विभाग
मैत्रेयी महाविद्यालय
(राष्ट्रीय स्तर पर आयोजित राष्ट्रीय स्तर पर 'A++' श्रेणी प्राप्त)
दिल्ली विश्वविद्यालय, दिल्ली

आयाम

कार्यक्रम: लेखक से संवाद

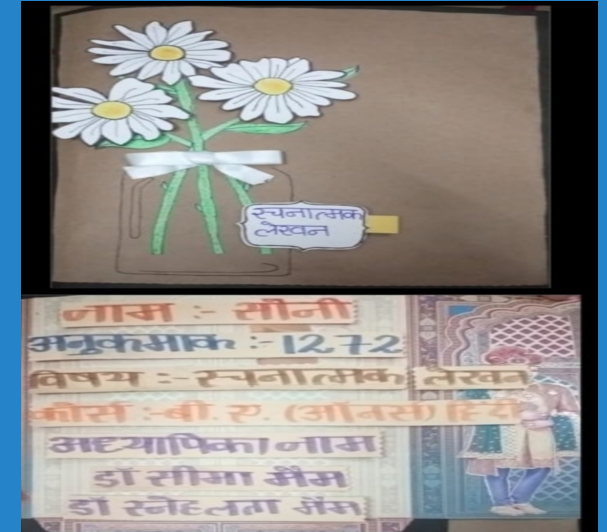
5 मार्च, 2024,
समय: प्रातः 10 बजे

स्थान: न्यू ऑडिटोरियम

प्रवीण कुमार
(सहायक प्रोफेसर, सत्यवती कॉलेज, दिल्ली विश्वविद्यालय)

संचालक: डॉ. इंदिरा चौधरी (सहायकी)	प्रधानी: डॉ. प्रमिता मिश्र	संयोजक: डॉ. अरविंद देवी डॉ. अमिता डॉ. अरवि कुमार अमित राज	आयोजक: समस्त हिंदी विभाग एवं छात्र-छात्राधिकारी परिषद
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संकेत स्थल:
संकेत संख्या: 1-8700433205
सूचना संख्या: 1-8289428706





SKILL DEVELOPMENT CENTRE

“Miras (मीरास)”

Department of History

Maitreyi College



Vision: Skill Enhancement Course is designed to help sharpen abilities, unlock new potential, and achieve professional and personal goals with confidence.

Missions:-

- Museums are more than just repositories of artifacts; they are dynamic spaces where history, art, science, and culture converge.
- Our course on Museums and Museology and Reading Archives are designed to offer a comprehensive understanding of these fascinating institutions and the critical role they play in preserving and presenting our shared heritage.



SEC(s) OFFERED BY DEPARTMENT OF HISTORY



SECs	No. of Students Benefitted
Museum and Museology	2023-24: 261
Reading the Archives	Since 2024: 65



SKILLS REQUIRED



- Foster Community Engagement and Educational Outreach
- Apply Practical Experience and Problem-Solving Skills
- Acquire Skills in Museum Management and Operations
- Develop Expertise in Collection Management and Conservation of archives
- Learn Core Theories and Practices for a basic platform
- Understand Museum History and Development
- Promote Inclusive and Ethical Museum Practices



MARCHING TOWARDS EMPLOYABILITY



MUSEUM AND
MUSEOLOGY



ARCHIVIST

CURATOR

DOCENT

MUSEUM EDUCATOR

READING
ARCHIVES



MUSEUM CONSULTANT

EXHIBITION DESIGNER

RESTORER/CONSERVATIONIST

CULTURE AND HERITAGE
MANAGER



New Delhi, DL, India
Chanakyapuri, New Delhi, 110021, DL, India
Lat 28.592438, Long 77.177671
10/11/2023 15:00 GMT +05:30

GPS Map Camera

Delhi, Delhi, India
ADMIN OFFICE, AMBEDKAR UNIVERSITY DELHI-1, Old Delhi, Delhi, 110006, India
Lat 28.663343°
Long 77.233179°
12/10/23 11:51 AM GMT +05:30

New Delhi, Delhi, India
J669+PFC, Janpath Rd, Rajpath Area, Central Secretariat, New Delhi, Delhi 110011, India
Lat 28.611917°
Long 77.218575°
23/09/23 04:19 PM GMT +05:30



SKILL DEVELOPMENT CENTRE



Department of Mathematics
Maitreyi College
University of Delhi



Vision: To empower students with advanced Mathematical software skills, fostering innovation, entrepreneurship, and self-reliance, and preparing them to be leaders in academia and industry.

Mission:

- To cultivate critical thinking and problem-solving by enhancing analytical skills and fostering innovative approaches to real-world challenges.
- To develop their soft skills through experiential learning and hands-on training.
- To enhance students' skills in applying statistical tools for data analysis and management using R software.
- To equip students with LaTeX skills for precise and professional document creation.



SECs offered by Department of Mathematics

SECs	No. of Students Benefitted
Basic IT Tools	90
IT Skills and Data Analysis-I	227
IT Skills and Data Analysis-II	85
Statistics with R	101
LaTeX Typesetting for Beginners	78
Document Preparation and Presentation Software	150

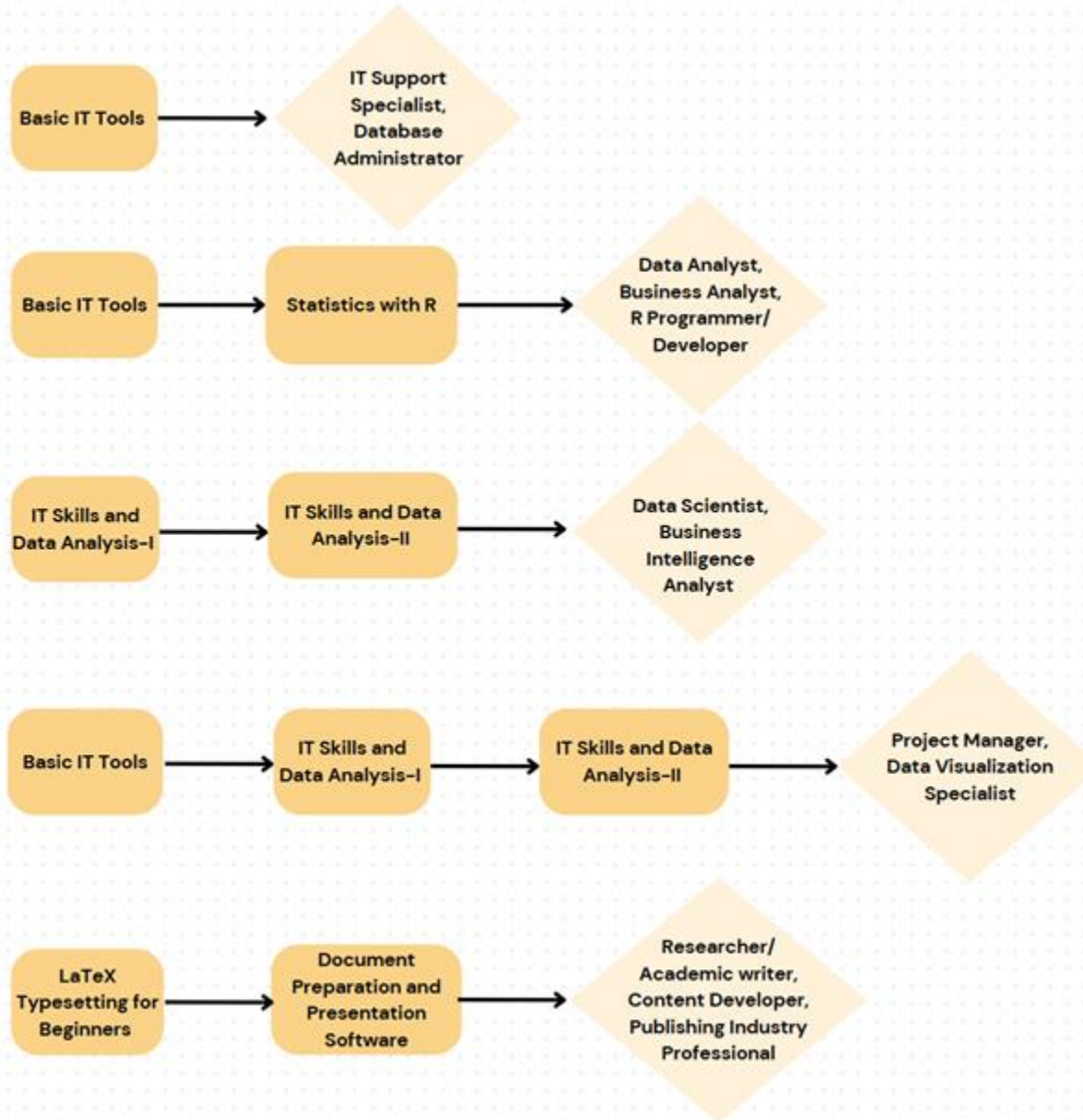


Skills Acquired:

- Data Visualization, Data Analysis and Data Interpretation
- Statistical Computing and Graphical Skills
- Scientific Writing Skills
- Statistical Software Proficiency
- IT Skills
- Problem Solving, Critical Thinking and Analytical Skills
- Presentation Skills



Marching Towards Employability







दक्षता

SKILL DEVELOPMENT CENTRE

Department of Physics

Maitreyi College



Vision

Equip individuals with essential skills, promote interdisciplinarity and enhance employability through improved capabilities.

Mission

- Deliver high-quality, accessible and industry-relevant training.
- Equip learners with practical skills for career excellence.
- Foster lifelong learning and bridge education-industry gaps.
- Prepare learners to meet future challenges effectively.

SECs offered by Department of Physics

SEC's	No. of Students Benefited
PCB Designing and Fabrication	45
IT Skills and Data Analysis	98
Cyber Sphere and Security: Global Concerns	100
Latex typesetting for beginners	44
Prospecting E-waste for Sustainability	109

Skills Acquired

- Enhanced advanced problem-solving and critical thinking skills.
- Applied theoretical physics to practical challenges in technology, environmental science and digital security.
- Gained expertise in PCB design, including schematic creation, layout design and circuit simulation, for effective electronic hardware development and troubleshooting.
- Mastered the ability to produce professional, well-structured documents using LaTeX, widely used in academia for research papers, thesis and reports.

Marching towards Employability

PCB Designing and Fabrication

**PCB Designer,
Board Designer**

**Optiemus Electronics Ltd,
Dixon Technologies India
Ltd. etc**

Cyber Sphere and Security:Global Concerns

**Expert in
Cyber Security**

Cyber Crime Cells

**LaTeX Typesetting for
Beginners**

Professional Editor

Publishing Books, Journals

**IT Skills and Data Analysis -
1**

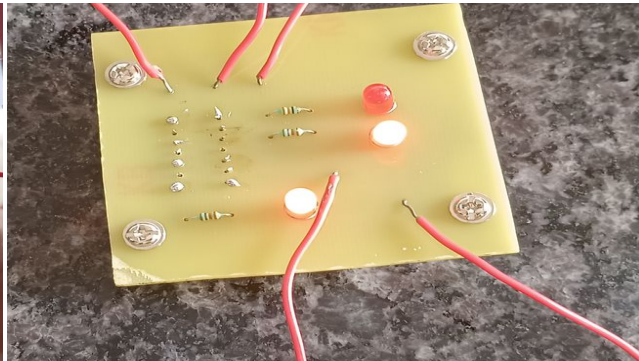
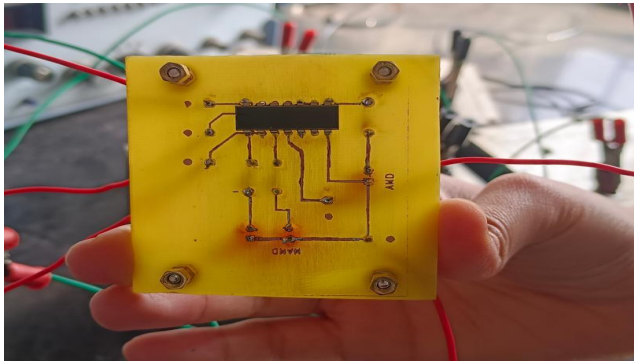
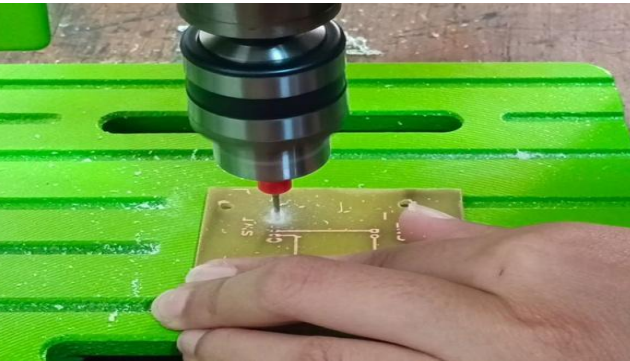
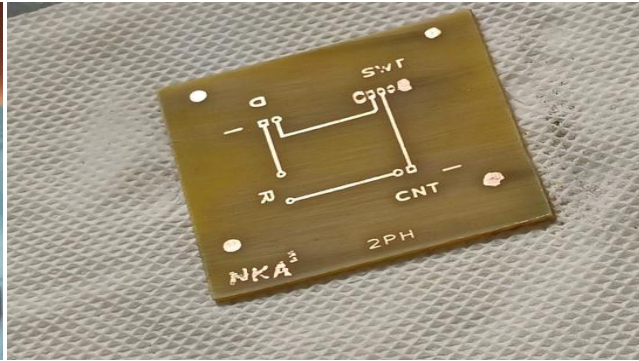
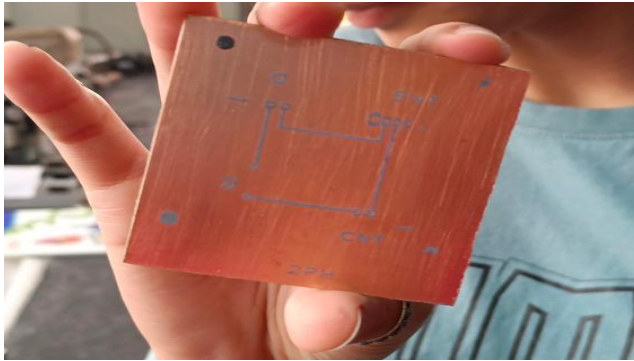
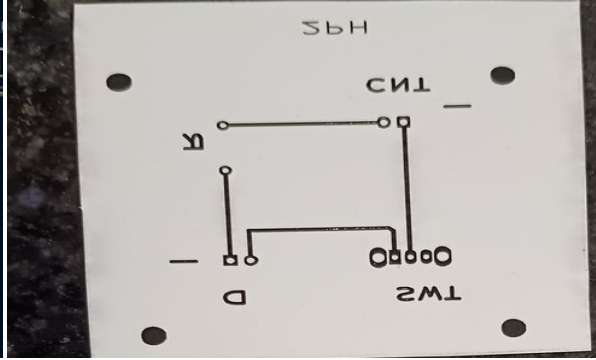
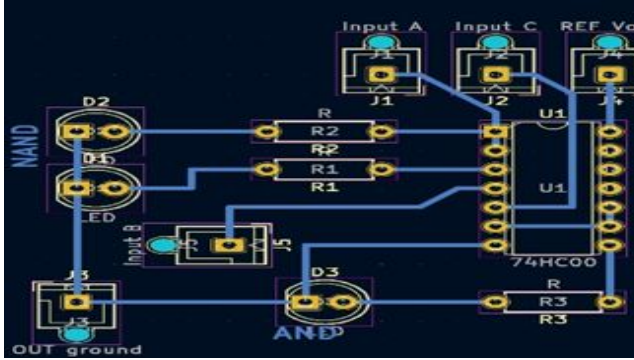
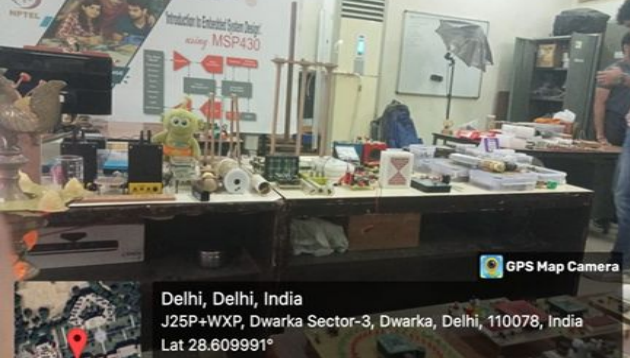
**Spreadsheet Mastery
Analyse Data**

Data Analyst

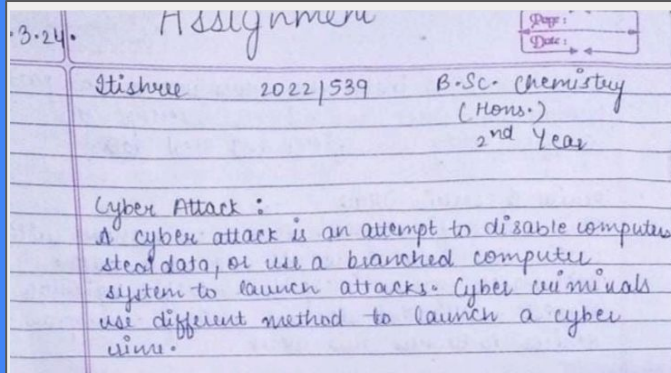
**Prospecting E-waste for
Sustainability**

**Technical Proficiency with
equipment and
technologies**

**Trainers, Green Jobs,
Professional refurbishers**



Cyber Sphere & Security: Global Concerns



REPORT ON CYCER SECURITY

Cyber sphere

The realm of information technology and electronic communications especially the internet.

Cyber security definition

Cyber security is the application of technologies, processes, and controls to protect systems, networks, programs, devices and data from cyber attacks.

It aims to reduce the risk of cyber attacks and protect against the unauthorised exploitation of systems, networks, and technologies.

What is Cybercrime? Cybercrime or computer crime is any crime that involves a computer and a network. The computer used in the commission of a crime or may be the target. Both governmental and non-state actors engage in cybercrimes. Annual damage to the global economy is at \$445 billion.

23-Year-Old Faridabad Girl On Digital Arrest For '17 Days';

'Digital arrest' duped girl of Rs 2.5 lakh



- **Effective approaches to enhance learning**
- **Innovative strategies for spreading awareness**



Outcomes of Learning

IT Skills and Data Analysis-I

- **Spreadsheet Mastery**

Develop a strong proficiency in utilizing spreadsheet software and its advanced functionalities.

- **Data-Driven Insights**

Leverage data analysis techniques to uncover valuable insights and make informed decisions

- **Continuous Learning**

Stay up-to-date with latest trends and best practices in data analysis and IT skills

LaTex

- **The course makes the students industry ready to work with publishing houses.**
- **Full scope of entrepreneurship, self-employment.**
- **The skills of the course are highly demanded for professional documentation**
- **Professional editor in the field of research**
- **Freelancer.**

LaTeX : Let's Start

The screenshot displays the Overleaf LaTeX editor interface. The top navigation bar includes icons for Menu, File Outline, Review, Share, Submit, History, and Chat. Below this, the 'Source' tab is active, showing the LaTeX source code for a document named 'main.tex'. The code includes standard LaTeX preamble commands and a table of contents structure. The right pane shows the rendered PDF output, which is a table of contents page with the title 'File Outline Example' and the author 'Overleaf Support'. The table of contents lists sections 1 through 6, with subsections 3.1 through 3.2 and 4.1 through 4.2, and sub-subsections 5.1 and 6.1 through 6.2.

```
1 \documentclass{article}
2
3 \title{File Outline Example}
4 \author{Overleaf Support}
5 \date{July 2020}
6
7 \begin{document}
8
9 \maketitle
10
11 \begin{abstract}
12   Test abstract content.
13 \end{abstract}
14
15 \section{Introduction}
16
17 \section{Literature Review}
18
19 \section{Theoretical Background}
20
21 \subsection{Classical Fourth-Order Runge-Kutta}
22
23 \subsection{Modified Runge-Kutta Approach}
24
25 \section{Numerical Methods}
26
27 \subsection{Algorithm Description}
28
29 \subsection{Implementation}
30
31 \section{Simulation Results}
```

File Outline Example
Overleaf Support
July 2020
Abstract
Test abstract content.

- 1 Introduction
- 2 Literature Review
- 3 Theoretical Background
 - 3.1 Classical Fourth-Order Runge-Kutta
 - 3.2 Modified Runge-Kutta Approach
- 4 Numerical Methods
 - 4.1 Algorithm Description
 - 4.2 Implementation
- 5 Simulation Results
 - 5.1 Experimental Validation
- 6 Conclusions
 - 6.1 Key Findings
 - 6.2 Future Work

Prospecting E-waste for sustainability

Future Plans

- Educational trips to Recycling centers for hands on experience.
- Inviting Experts for interactive sessions



E-WASTE AWARENESS SURVEY

By Sakshita Sarma
Course- BA Hons Sociology
Roll No. 20230012

INTRODUCTION
I conducted a survey on basic awareness about e-waste. It was a survey in order to assess how much common people are concerned about e-waste. Whether they know that they have a high contribution in the e-waste generation. The survey included basic questions on e-waste starting from what is e-waste to various questions on the importance of recycling e-waste. The survey was conducted online. I sent questionnaires to almost 20 people but I received only 14 responses. The survey was not limited to a certain place, rather people from different parts of India participated in it. There were people from Assam, Delhi, Baranagar etc. Even people from various occupations joined the survey including corporate lawyers, engineers, students, housewives etc.

ANALYSIS
Most of them have the basic idea on what e-waste is. While many of them know the other name e-waste while only one of them answered wrong and another individual was unaware of the answer.

However, most of the respondents were confused about the environmental impacts of e-waste. Most of the respondents answered wrong. While 53.8% answered as soil erosion, 38.5% thought it to be air pollution. While only 7.7% gave the correct answer, that is ocean acidification.

My respondents are aware of the proper way of managing e-waste as most of them chose the option by recycling and refurbishing.

ANALYSIS REPORT OF SURVEY

The survey was conducted on e-waste among 40 people out of which it was found that only few people are aware about e-waste and how it is becoming a major concern in today's world.

Now, let's see their responses on different perspectives

- From the below figure it can be observed that mostly the people are aware of its categories and its impact on the environment
- Now if we talk about the certification for a waste or any recycling facility available near locality mostly people are not aware about it, as it can be infer from the below.

- If we look more into L_1 , then it is observed that people are not that aware and needs to be more conscious regarding the adverse affects of e-waste.

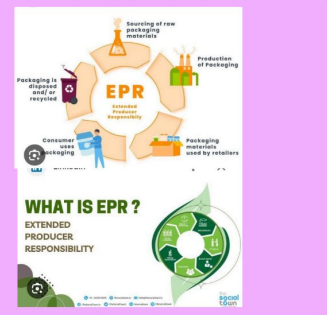
To conclude

In conclusion, as individuals, we have the power to make a significant impact on reducing e-waste through conscious consumption and responsible disposal practices. By repairing, donating, or selling our electronics instead of discarding them, choosing refurbished and high-quality products, properly recycling old devices, and minimizing energy consumption, we can prolong the lifespan of electronics and reduce the environmental footprint associated with their production and disposal. Additionally, supporting sustainable brands and spreading awareness about e-waste issues are essential steps toward fostering a culture of environmental stewardship. By taking these actions on an individual level, we can collectively contribute to mitigating the growing problem of e-waste and move towards a more sustainable future for generations to come.

EPR(EXTENDED PRODUCER RESPONSIBILITY)

Concept: EPR requires manufacturers to be responsible for the entire lifecycle of their products, particularly in terms of take-back, recycling, and final disposal.

Impact: This policy encourages manufacturers to design products that are easier to recycle and may support the development of recycling infrastructure.



Knowledge dissemination and Awareness

- Google forms
- Report Writing
- E-waste Collection Drives
- Nukkad Natak
- Powerpoint presentations

Final E-waste Presentation

Tulika Tomar

WHY IS SAFE DISPOSAL IMPORTANT?

1. Land fill disposal allows heavy metals to leach into ground water.
2. Incineration makes hazardous material airborne.
3. Acid baths are dangerous and cause water and soil contamination.
4. To ensure exported materials are handled properly.

Rank	Country	E-Waste Produced (kt)	Recycling Rate
1	China	10120	16%
2	USA	8918	55%
3	India	3230	1%
4	Japan	2669	52%
5	Spain	2143	0%
6	Russia	1631	6%
7	Indonesia	1618	n/a
8	Germany	1607	52%
9	UK	1598	57%
10	France	1562	66%

Top 10 e-waste producing countries in the world, in terms of the total volume produced (Source: ITC2008)

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SKILL DEVELOPMENT CENTRE

सुक्ति

Department of Political Science
Maitreyi College



Vision

To create a skilled workforce and leadership in all walks of life, particularly in the spheres of governance and social service

Mission

The Skill Centre aims to make students future-ready; it equips them with knowledge to address governance challenges at global & domestic level



SECs offered by Department of Political Science

SECs (2023-24)	No. of Students Benefitted
Political Leadership and Communication	Approx. 400 students (Maitreyi College) Approx. 50 students (Cluster Colleges)



Skills Acquired

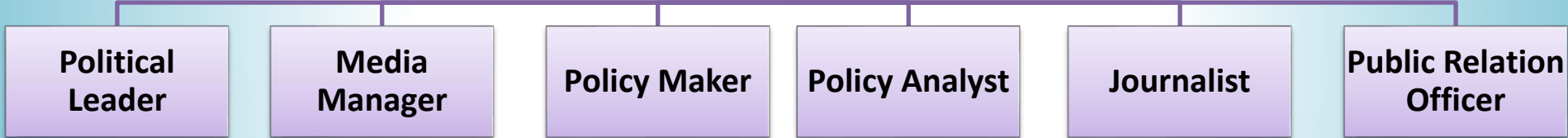
- Students learnt about the art of political communication and developed a deeper understanding with their communities.
- Students had acquired knowledge about survey, election studies, psephology as an art and vocation.
- The course helped students in strengthening their leadership qualities.
- They enhanced their basic understanding of research through survey, opinion and exit polls.



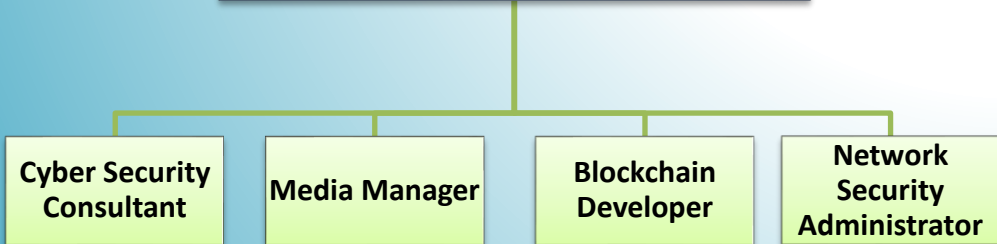
Marching Towards Employability



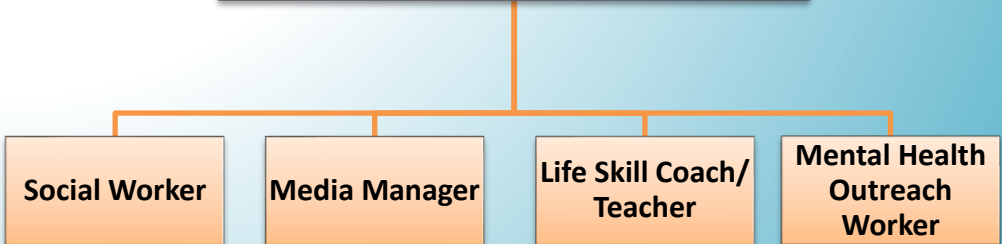
1. Political Leadership & Communication
2. Life Skill Education



3. Cyber Sphere & Security: Global Concerns



4. Working with People





Marching towards Employability



5. Negotiations & Leadership





Photo Gallery: Various Activities



Speech Analysis



Role Play

Presentation





मैत्रेयी महाविद्यालय

(NAAC द्वारा++ ग्रेड प्राप्त)

दिल्ली विश्वविद्यालय

पंजाबी विभाग



कौशल संवृद्धि केंद्र

"कौशल पहचान"

गुरुतः पढाए



ਦ੍ਰਿਸ਼ਟੀ:

**'ਮਤਿ ਵਿਚਿ ਰਤਨ ਜਵਾਹਰ ਮਾਣਿਕ ਜੇ
ਇਕ ਗੁਰ ਕੀ ਸਿਖ ਸੁਣੀ।।'**

ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ

**मति विचि रतन जवाहर माणिक जे
इक गुर की सिख सुणी।।**

गुरु नानक देव जी



उद्देश्यः

सृजनात्मक लेखन

- पंजाबी भाषा के माध्यम से रचनात्मक लेखन के बारे में छात्रों में समझ और जागरूकता पैदा करना।
- मानव जीवन के अनुभवों से जुड़े सत्य को अभिव्यक्त करने के लिए विभिन्न साहित्यिक विधाओं में सृजन करने का कौशल विकसित करना।
- विद्यार्थियों को भाषाई कौशल विकास के साथ साथ काल्पनिक शक्ति का उपयोग करने के लिए अग्रसर करना।

अनुवाद कला:

- नए साहित्यिक प्रतिमानों के क्षेत्र से जुड़े अनुवाद, अंतरराष्ट्रीयवाद के बीच परस्पर संबंधों से अवगत करवाते हुए विद्यार्थियों में साहित्यिक अध्ययन में अन्वेषण करने की समझ को विकसित करना।
- अनुवाद कला के महत्व और अनुवाद के अध्ययन संबंधित प्रमुख दृष्टिकोणों की समझ विकसित होगी।
- अनुवाद अध्ययन की तकनीक के द्वारा सांस्कृतिक विविधता को लेकर विद्यार्थियों में गहरी सराहना भाव विकसित करना।
- विद्यार्थियों में सृजनात्मक अभिव्यक्ति और लेखन कौशल को बढ़ावा देना।



SECs offered by Department of Punjabi

SECs.	No. of Students Benefitted
सृजनात्मक लेखन	आगामी सत्र
अनुवाद कला	14



कौशल अर्जित:

सृजनात्मक लेखन

- विद्यार्थियों में भिन्न भिन्न साहित्यिक विधाओं (कविता, कहानी, निबंध इत्यादि) के अंतर्गत सृजनात्मक अभिव्यक्ति का कौशल विकसित होगा।
- विद्यार्थियों में सृजनात्मक कौशल द्वारा आत्म बोध, आत्म अभिव्यक्ति की सूझ बूझ विकसित होगी।
- विद्यार्थी स्वयं सृजनात्मक अभिव्यक्ति के द्वारा पंजाबी साहित्य में योगदान देने के लिए निपुण होंगे।
- विद्यार्थियों में अनुवाद कला का महत्व और अनुवाद करने की तकनीक को लेकर कौशल बोध विकसित होगा।

अनुवाद कला

- अनुवाद करते हुए विद्यार्थियों में कविता, कहानी निबंध इत्यादि साहित्यिक विधाओं में भाषा-भाषी लोगों की संस्कृति, विचार, आदर्श, मूल्य आदि दूसरी भाषा में अंतरण करने की सूझबूझ विकसित होगी।
- पत्रकारिता, जनसंचार, सोशल मीडिया क्षेत्र में अनुवाद कौशल की समझ विकसित होगी।



रोजगार की ओर अग्रसर

पंजाबी विभाग द्वारा SEC : सृजनात्मक लेखन कौशल, अनुवाद कला विषय के माध्यम से रोजगार के अवसर

SEC संबंधित कोर्स

रोजगार के क्षेत्र

रोजगार उपलब्धियां

सृजनात्मक लेखन



पत्रकारिता, रेडियो, टेलिविजन,
डिजिटल मीडिया, ई-मीडिया, पटकथा
लेखन, स्क्रिप्ट लेखन, प्रूफ रीडिंग



पत्रकार, संपादक, प्रूफ रीडर,
कांटेन्ट लेखक, ब्लॉग लेखक

अनुवाद कला



पत्रकारिता, जनसंचार, डिजिटल, ई-मीडिया,
साहित्य-शोध संबंधित अध्ययन, तुलनात्मक
अध्ययन, भाषा विज्ञान कोशकारिता
सांस्कृतिक अध्ययन, फिल्म अध्ययन, पर्यटन
विभाग, मौखिक भाषांतरण, अनुवाद क्षेत्र



अनुवादक, दूभाषिया,
पत्रकार, कांटेन्ट राइटर, ब्लॉग
लेखक, संपादक, व्याख्याकार,
कोशकार



पाठ्यक्रम संबंधित पंजाबी विभाग के पूर्व विद्यार्थियों की तस्वीरें





अल्पकालिक लक्ष्य/ छोटे ममें दे टीचे

- विद्यार्थी सृजनात्मक लेखन कौशल की अवधारणा और स्वरूप को समझेंगे।
- विद्यार्थियों में विभिन्न साहित्यिक विधाओं से संबंधित शिल्प विधियों, शैलियों से अवगत होंगे।।
- अनुवाद कला के माध्यम से विद्यार्थी अनुवाद करने की तकनीक के विषय में उत्कृष्ट सूझबूझ प्राप्त करेंगे।
- अनुवाद कला के माध्यम से विद्यार्थियों में अनुवाद कौशल बोध और अभिव्यक्ति की समझ विकसित होगी।

दीर्घकालिक लक्ष्य/ लंबे ममें दे टीचे

- विद्यार्थियों में सृजनात्मक कौशल द्वारा रचनात्मक चिंतन और रूचि विकसित होगी। विद्यार्थियों में अपने कौशल को ओर बेहतर बनाने के तरीकों के विषय में समझ विकसित होगी। इस कौशल विकास द्वारा उपलब्धि के साथ-साथ विभिन्न व्यावसायिक क्षेत्रों में आत्मनिर्भरता प्राप्त करेंगे।
- विद्यार्थियों में आलोचनात्मक, बौद्धिक विवेक और संवेदनशील अभिवृत्तियों के समावेश होने से सृजनात्मक कौशल के माध्यम द्वारा भविष्य में उत्तम, नागरिक बनने का सामर्थ्य विकसित होगा।
- विद्यार्थियों में विभिन्न साहित्यिक विधाओं में प्रस्तुत महत्वपूर्ण आदर्श, संस्कृति, विचार, मूल्यों और विषयों के तरीकों को समझेंगे।
- विद्यार्थियों में अनुवाद कला कौशल के द्वारा सांस्कृतिक विविधता, भाषायी विविधता के प्रति सौंदर्य भाव के साथ साथ भारतीय एकता, सदभावना का विकास होगा।



महर्षि पतञ्जलि कौशल संवर्धन-पीठम्



MAHARSHI PATANJALI KAUSHAL SAMVARDHAN-PEETHAM (MPKSP)

संस्कृत-विभागः / SANSKRIT DEPARTMENT

मैत्रेयी महाविद्यालयः / MAITREYI COLLEGE



परिचय (INTRODUCTION) : योग दर्शन के प्रणेता महर्षि पतञ्जलि संस्कृत के अति महनीय आचार्य थे। उन्होंने संस्कृत भाषा में अनेक ग्रन्थों का लेखन किया था। भारतीय प्राचीन ज्ञान एवं उत्कृष्ट आचार्य परम्परा में उनका स्थान अत्यन्त उन्नत है। उन्होंने योगसूत्रों की रचना करके सम्पूर्ण विश्व को रोगमुक्त करने का स्तुत्य प्रयास किया। योग एवं आयुर्वेद के क्षेत्र में उनका योगदान अतुलनीय है। संस्कृत विभाग द्वारा संचालित कौशल संवर्धन पीठ ऐसे महनीय मनीषी महर्षि पतञ्जलि को समर्पित एक उपक्रम है, जिसके द्वारा भारतीय ज्ञान परम्परा में निहित नितान्त मानवोपयोगी विचारों एवं मतों के सैद्धान्तिक एवं प्रायोगिक परीक्षण द्वारा विद्यार्थियों के कौशल एवं बौद्धिक विकास को समृद्ध करना है।

दृष्टि (VISION) : योगः कर्मसु कौशलम् अर्थात् कर्म में कुशलता ही योग है।

उद्देश्य (MISSION) : महर्षि पतञ्जलि पीठ के माध्यम से संस्कृत भाषा में उपनिबद्ध ग्रन्थों के आलोडन द्वारा विद्यार्थियों के कौशल संवर्धन में उपयोगी अनेक कार्यक्रमों का संचालन प्रस्तावित है। हम प्रथमतः योग पर आधारित “योगाभ्यास (Yoga is Practice)” पाठ्यक्रम संचालित कर रहे हैं। पश्चात् आयुर्वेद और ऐसे ही अन्य महत्वपूर्ण विषयों पर भी कौशल पाठ्यक्रम का संचाल किया जाएगा। महर्षि पतञ्जलि कौशल संवर्धन पीठम् के प्रमुख उद्देश्य इस प्रकार हैं :

१. योग एवं आयुर्वेद के चिकित्सकीय एवं प्रायोगिक पक्षों पर पाठ्यक्रम का संचालन।
२. विद्यार्थियों को संस्कृत बोलने में प्रवीण बनाने हेतु सम्भाषण शाला का परिचालन।
३. वैदिक गणित एवं संस्कृत भाषोपेत अन्य महत्वपूर्ण विषयों पर पाठ्यक्रम का संचालन।



संस्कृत विभाग द्वारा संचालित कौशल संवर्धन पाठ्यक्रम

(SECs offered by the Department of Sanskrit)

कौशल संवर्धन कार्यक्रम/पाठ्यक्रम (SECs)	लाभान्वित छात्रों की संख्या
योगाभ्यास (Yoga in Practice)	444
भारतीय भाषा के लिए आईसीटी उपकरणों के अनुप्रयोगों पर कौशल विकास पाठ्यक्रम	3074
संस्कृत संभाषण कार्यशाला	911
गहन संस्कृत व्याकरण कार्यशाला	239
योग	4668



संप्राप्ति कौशल (Skills Acquired):

- संस्कृत भाषा बोलने में प्रवीणता
- संस्कृत व्याकरण का गहन अध्ययन
- संगणकीय भाषाविज्ञान का परिज्ञान
- शारीरिक एवं मानसिक स्वास्थ्य की दृष्टि से योग का ज्ञान
- संस्कृत एवं भारतीय भाषाओं से सम्बद्ध नई तकनीकी में दक्षता



रोजगारोन्मुखता

(MARCHING TOWARDS EMPLOYABILITY)

योग अध्यापन का कार्य

योग प्रेक्टिशनर का उत्तदायित्व

संस्कृत शिक्षक बनना

अनुवादक बनना

द्विभाषी के रूप में कार्य करना

संगणकीय भाषाविद् बनना

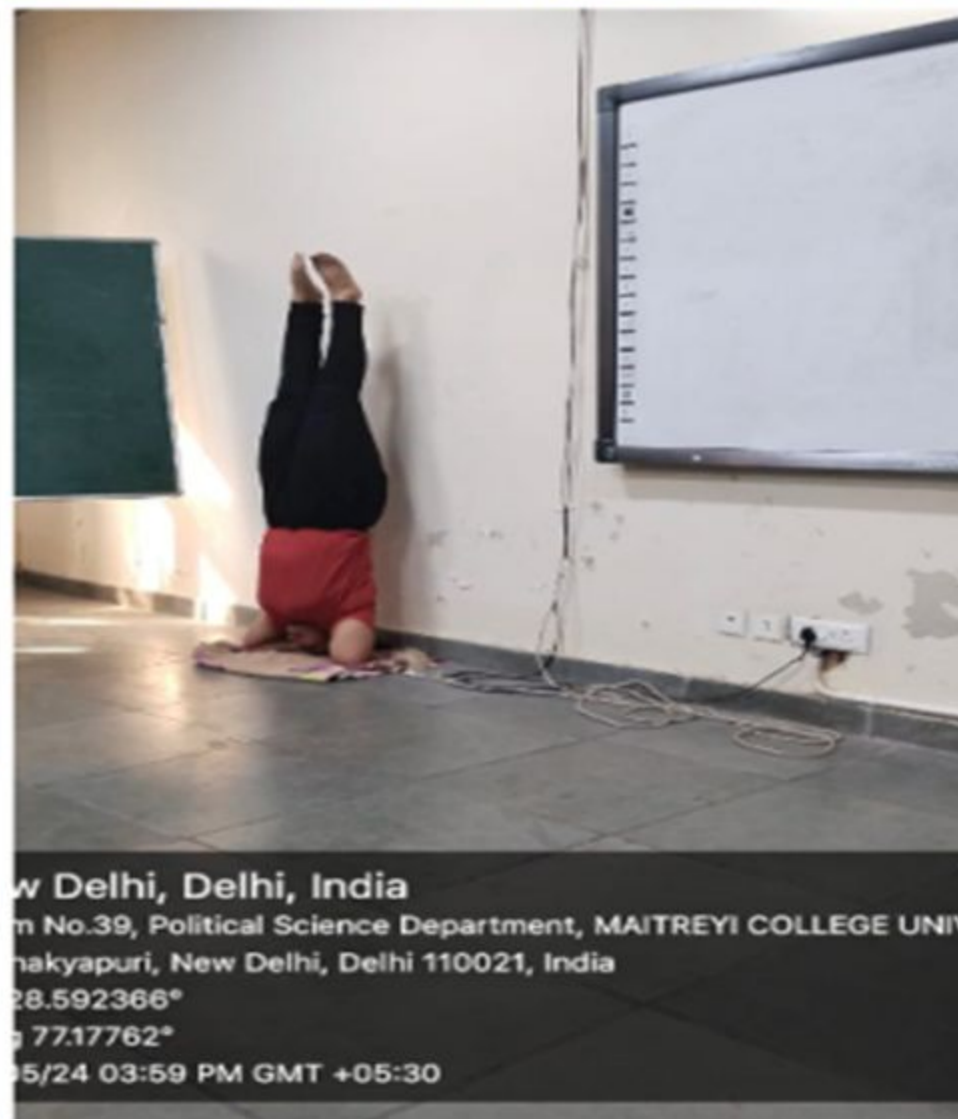
राजभाषा अधिकारी बनना

विश्लेषण:

संस्कृत विभाग द्वारा संचालित पाठ्यक्रमों और कार्यक्रमों में भाग लेकर, छात्र इन क्षेत्रों में प्रवेश प्राप्त कर सकते हैं और एक समृद्ध करियर बना सकते हैं।



मीडिया गैलरी (MEDIA GALLERY)



अधिक जानकारी के लिए
कृपया संपर्क करें :

डॉ. प्रमोद कुमार सिंह
प्रभारी, संस्कृत विभाग
मैत्रेयी महाविद्यालय
(दिल्ली विश्वविद्यालय)
अणुसङ्केत :

sanskrit@maitrei.du.ac.in

अन्तर्जाल :

<https://www.maitrei.ac.in/>



SKILL DEVELOPMENT CENTRE



Department of Sociology
Maitreyi College



Vision:

To enable students to gain skills and knowledge needed to increase their employability and excel in their career.

Mission:

- To achieve enhanced levels of skills through innovative and professional methodologies and practical hands–on training.
- To inspire students towards holistic development of personality.
- To develop critical perspective informed by sociological methods.



SECs offered by Department of Sociology



SECs	No. of Students Benefitted
Visual Communication & Photography	73
Personality Development & Communication	39
Training Program ON Creative Writing for the production of in house Magazine (Self - Designed Course)	21



Skills Acquired

- Skill and understanding of film making and photography.
- Art of seeing /Non - verbal communication skills.
- Editing skills along with knowledge of art production.
- Self awareness and self improvement
- Effective communication skills, Public speaking and presentation skills
- Ethical and cultural sensitivity
- Making visual representations
- In-depth understanding of visual representations
- Interpretative skills of various kinds of visuals
- Application of Theories in real world through case studies analysis.
- Organizing ideas, structuring argument, critical thinking, understanding different genres and styles of writing.



Marching towards Employability



Visual
Communication &
Photography

Personality
Development &
Communication

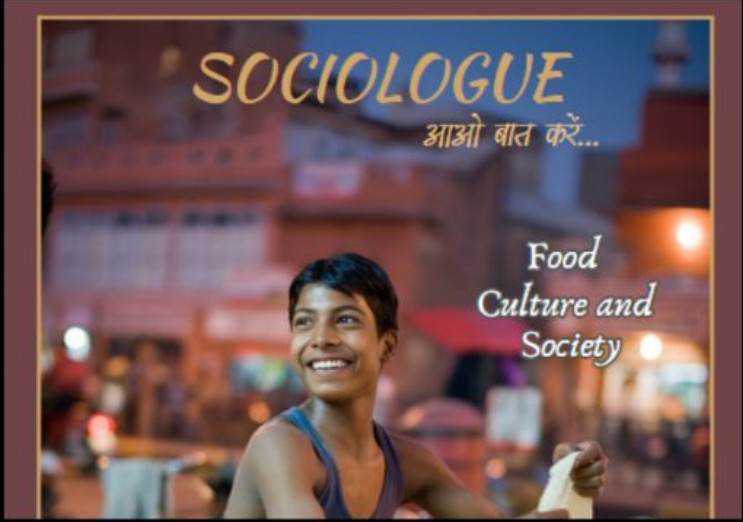
Communication in
everyday life

Digital Film
Production

- Publishing houses
- Magazine Production
- Research organizations
- Print and Digital Media Film making / Television industry (Editor, Screenplay, Director, post-production activity)
- Event Management
- UN organizations
- Fashion industry
- HR & Marketing Job
- NGO



Collage of pictures





Zoology Department, Maitreyi College, University of Delhi “कायांतरण”

Skill Enhancement Courses (कौशल वृद्धि पाठ्यक्रम)

Apiculture (मधुमक्षिका पालन)

Sericulture 1: Mulberry silkworm rearing (रेशमकीट पालन)

Ornamental Fish Culture: Opportunity and Scope

(सजावटी मछलियों का पालन: अवसर एवं कार्यक्षेत्र)



Vision

Strengthen students with practical knowledge with entrepreneurships in field of animal rearing and culture.

Mission

- To achieve enhanced levels of skills through innovative and professional methodologies and practical hands-on training.
- To inspire students about entrepreneurship.
- To develop a critical perspective toward zoological industries.



SECs offered by Department of Zoology



SECs	No. of Students Benefited
Apiculture	56
Ornamental Fish Culture: Opportunity and Scope	94
Formulation of Fish Feed	34
Sericulture-I: Mulberry Silkworm Rearing	46



Skills Acquired

- Skills and understanding of culturing ornamental fishes, making and maintaining of aquariums, food preparation for fishes, culturing of larvae and zooplanktons, maintaining water quality and climatic conditions in the aquariums.
- Skills and understanding of mulberry cultivation, silk production processes, silkworm breeding, quality control, cultural heritage preservation and understanding environmental impacts of silk farming.
- Skills and understanding of basic life cycle of honeybees, bee keeping tools and equipment, managing beehives, bee enemies for honey production and pollination.



MARCHING TOWARDS EMPLOYABILITY



Sustainable Aquaculture

Ornamental Fish Culture

23 students get benefitted in 1st batch

(Started 1st skill course of this series)

2024-25

(Odd Semester)

Ornamental Fish Culture & Formulation of Fish Feed

(Offering both papers again)

2025-26

(Odd Semester)

2023-24

(Even Semester)

Ornamental Fish Culture

40 students get benefitted in second batch and 31 students are studying currently

(Added one more skill course in this series)

Formulation of Fish Feed

(34 students are studying now)

2024-25

(Even Semester)

3. Pearl Culture 4. Aquaculture Entrepreneurship

(We'll add two more papers in this series in addition to earlier 2 papers

1. Ornamental Fish Culture &
2. Formulation of Fish Feed)

Students are welcome to opt these all 4 Skill Enhancement Courses.

Dear Students,

In this way, we are planning to offer all 6 papers of this series to train students in the entire skill of Aquaculture and its entrepreneurship.

These papers are as follows:

1. Ornamental Fish Culture
2. Formulation of Fish Feed
3. Pearl Culture
4. Aquaculture Entrepreneurship
5. Fish Breeding and Larviculture
6. Bio-floc Technology

Note:

It is not mandatory to do all courses, you may get a job or start any startup of business by doing any one course also.

If you want to be an expert in this field, please join all the courses.

Jobs Opportunities

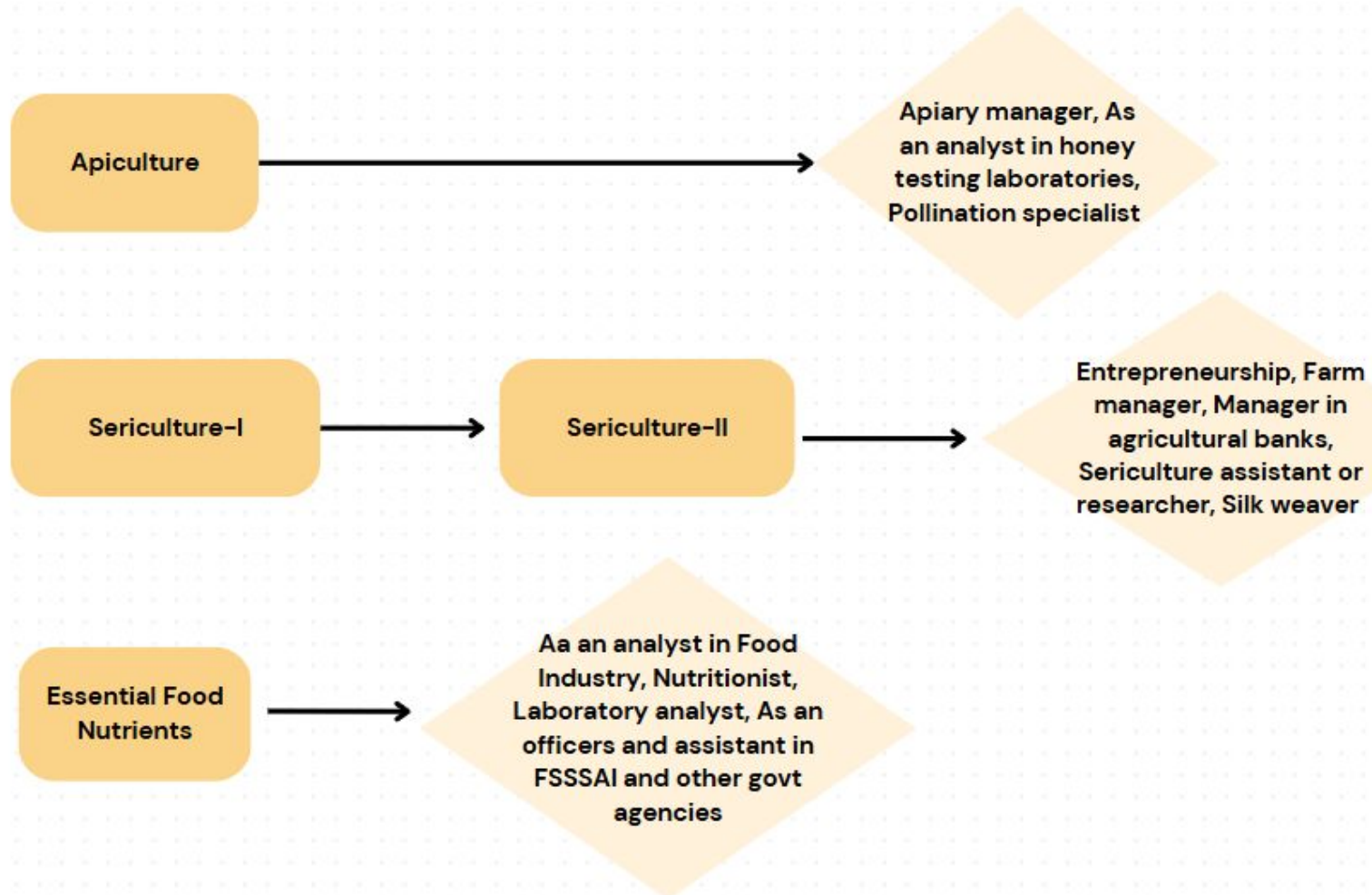
- ❖ Fishery biologist
- ❖ Fish Culturist
- ❖ Curator in museum
- ❖ Hatchery manager
- ❖ Aquarium making & selling
- ❖ Applied jobs such as pearl culture
- ❖ Job in Feed Industry
- ❖ Job as an food analyst in laboratories
- ❖ Scientist
- ❖ Startups based on Aquaculture



MARCHING TOWARDS EMPLOYABILITY



Other SECs





Marching towards Employability



Ornamental fish culture

- # Fishery biologist
- # Fish Culturist
- # Curator in museum
- # Hatchery manager
- # Aquarium making & selling
- # Applied jobs such as pearl culture



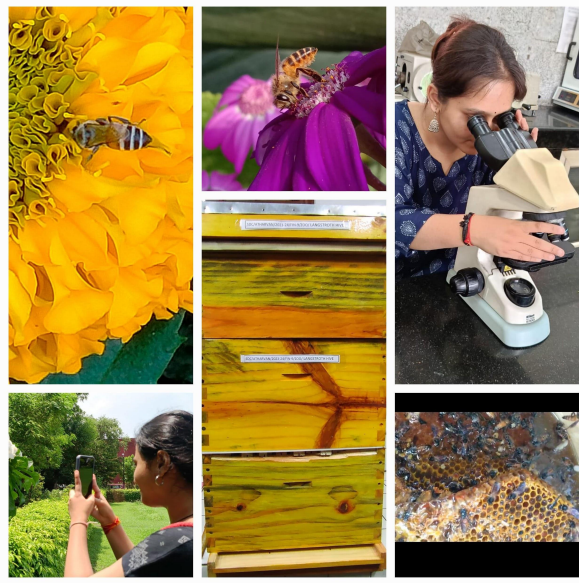
Sericulture

- # Entrepreneurship
- # Farm manager
- # Manager in agricultural banks
- # Sericulture assistant or researcher
- # Silk weaver
- # Technical field assistant



Apiculture

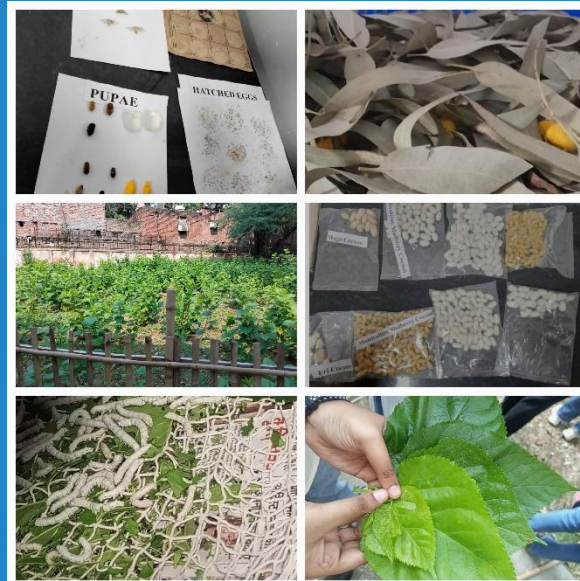
- # Apiary manager
- # As analyst in honey testing laboratories
- # Small scale enterprises
- # Market-based entrepreneurship
- # Pollination specialist



Apiculture



Ornamental Fish culture



Sericulture 1



SKILL DEVELOPMENT CENTRE

IoT Lab

इंटरनेट ऑफ थिंग्स प्रयोगशाला

Department of Computer Science
Maitreyi College



Vision



To be a leading center of excellence in IoT innovation, driving advancements in connected technologies that transform industries, enhance quality of life, and foster sustainable, intelligent ecosystems.



Mission



- *Innovate*: Foster a creative environment that encourages the development of cutting-edge IoT solutions, from concept to prototype.
- *Collaborate*: Engage with industry partners, academic institutions, and government bodies to share knowledge, resources, and expertise.
- *Educate*: Provide hands-on learning opportunities and research initiatives to train the next generation of IoT professionals.
- *Impact*: Develop and deploy IoT technologies that solve real-world problems, improve efficiency, and contribute to sustainable development.
- *Lead*: Influence the global IoT landscape through thought leadership, publications, and participation in key industry forums.



Short Term Goals



- Set up essential IoT hardware, software, and networking infrastructure to support development and testing activities.
- Include resource persons with expertise in IoT, including engineers, data scientists, and researchers.
- Identify and execute a few pilot projects that showcase the lab's capabilities.
- Initiate workshops, seminars, and certification programs to train students and professionals in IoT technologies.
- Increase visibility through media, attending conferences, and publishing research to establish the lab's reputation in the IoT community.
- To be a leading center of excellence in IoT innovation, driving advancements in connected technologies that transform industries, enhance quality of life, and foster sustainable, intelligent ecosystems.



Proposed Course



The college is in process of signing an MoU with NIELIT Delhi to offer the following certificate course:

Name of the Course: Foundation course in Internet of Things (IoT)

Course Code: 2022/EHW/NIELIT/05321

Duration: 4 Weeks – 90 Hours

[Click to view NIELIT Brochure](#)



The IoT lab has already started working towards the short-term goals. An event titled “Unlocking the Potential of IoT: A Training-cum-Workshop on Internet of Things Applications and Innovations” was held on 13 June 2024 in which 34 participants from various departments (faculty as well as non-teaching staff). The workshop sowed the seed of interest in IoT in all the participants.

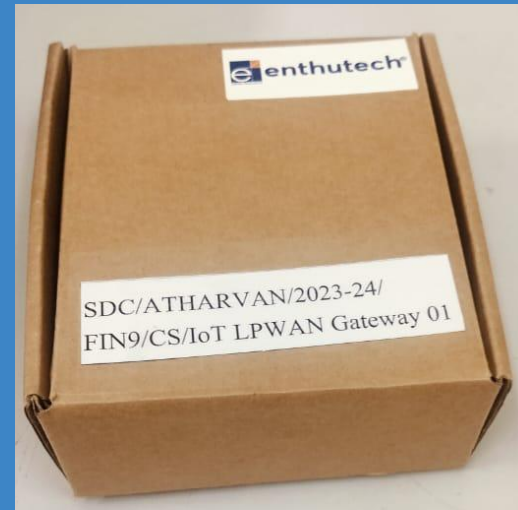
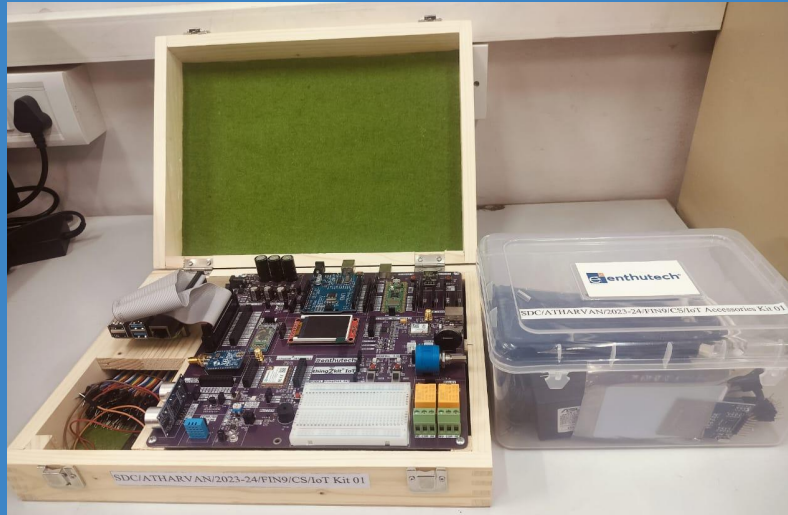




IoT Hardware



- 5 IoT kits along with accessories
- LPWAN Gateway





SKILLS ACQUIRED



- R & D in IoT
- Developing IoT ecosystems
- Testing functionality of IoT systems



EXPECTED JOB ROLES



R&D Engineer in IoT

Research Assistant in IoT

IoT Test Engineers

**Home Automation
Engineer**

IoT Data Analyst



Long Term Goals



- Achieve Financial Sustainability by ensuring the lab's long-term financial viability through diverse revenue streams.
- Establish long-term collaborations with leading global institutions, research centers, and corporations to co-develop breakthrough technologies.
- Develop and offer advanced degree programs, certifications, and continuous learning opportunities to train future IoT leaders and innovators.
- Focus on creating IoT technologies that contribute to sustainability, reducing environmental impact, and promoting resource efficiency in various sectors.
- Develop IoT solutions that are scalable and adaptable across various industries, addressing global challenges like urbanization, energy management, and healthcare.