

## Mata Sundri College for Women (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291

## Ref No. MSC/IQAC/SSR-CR 3 /3.2.1

## ENACTUS

<u>Advisor:</u> Dr. Kanwaljit Kaur (Dept of Commerce)

#### Convenor(s)

Dr Radhika Menon (Dept of Elementary Education), Ms. Gurvinder Kaur (Dept of Commerce)

**Faculty Members:** Ms Menka Ahlawat (Dept of English), Ms Jasmeet Kaur (Dept of Commerce)

## **Office Bearers:**

Student President: Ishieta Dhar (B.Com Hons 3<sup>rd</sup> year) Vice President: Ishita Sahni (B.A. Eng Hons 3<sup>rd</sup> year) General Secretary: (Anupreet Kaur, B. Com Prog 2<sup>nd</sup> year) Secretary (Jeevika Narula, B. Com Prog 2nd year)

## <u>ABOUT</u>

Enactus is a platform for enabling progress through entrepreneurial social action. Participation in Enactus provides university students with the opportunity to make a meaningful difference in their communities by solving urgent problems as well as build successful careers for themselves. Team of students, guided by educators and industry experts, conduct needs-assessments in their college/community, identify potential solutions to complex issues, implement community impact projects and gain valuable experience to advance



#### (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002

#### Ph: 23237291

their personal and professional lives. National champion teams advance to the prestigious Enactus World Cup for completion, collaboration and celebration.

Mata Sundri College for Women is proud to showcase its various ongoing Enactus projects including E-waste Collection Drive, Project Aashna, Sustainability Watch and Project VeggieVille.

## **EVENTS**

## <u>"We Reap What We Throw" – An Interactive Session on Solid Waste</u> <u>Management</u>

Date: 8<sup>th</sup> November, 2020

Team Enactus, Mata Sundri College for Women conducted an Interactive Webinar on Solid Waste Management on 8<sup>th</sup> November 2020 at 11:30am via Google Meet. The domain experts for the event were Mr. Omendra Srivastava, Technical Head of Swachh Bharat Mission and Mr. Ajay Arora Founder of Waste Management Corporation. Honourable Principal Dr. Harpreet Kaur graced the event with her presence and offered encouragement to the participants. A total of 125 participants attended the webinar.

Mr. Omendra Srivastava focused on changing the misconceptions around waste by emphasizing that waste is a resource which can generate energy and employment if correctly managed. He talked about the huge career potential for youth in the field of solid waste management in India, providing data through a stimulating presentation that revealed that India is currently managing only 30% of solid waste in a compliant manner whereas the rest 70% is disposed of in landfills and is gradually being managed with improved technology and resources.



### Ph: 23237291

Mr. Ajay Arora outlined the milestones and achievements of the start-up company Waste Management Corporation to inspire students to explore the field and emphasized the dignity of labour involved in waste-management. He outlined the business prospects of SWM and encouraged students to do field-trips to their organization and collaborate with various NGOs to get started.

The experts answered wide-ranging questions asked by the audience, including queries on biomedical waste-management and waste worker-safety during the Covid-19 Pandemic and how plastic is being recycled and being reinserted as a resource into the economy.

The webinar was a thoroughly educational event for the audience. As feedback for the event, Mr Omendra Srivastava remarked, "I on behalf of Ministry of Drinking Water and Sanitation (Jal Shakti) congratulate the entire management, teachers, advisors, students of Mata Sundri College and assure them my best support ever for any noble cause related to environmental field."

## ONGOING ENACTUS PROJECTS AT MATA SUNDRI COLLEGE FOR WOMEN

## • <u>E-waste Collection Drive</u>

a) Enactus began with its first project on 27th August 2019. It aimed to collect electronic waste. Contributions were made on a large scale. The team ensured the smooth working of the drive and successfully collected 19 kgs of e-waste. The boxes for collection were placed near the Gurdwara and the lift on the ground floor. Students were encouraged to bring the waste via campaigning done both online and offline modes. The team collaborated with the NGO *Chintan* (Environmental Research and Action Group) so that the material collected could be reused or disposed off in an environmentally safe



#### (University of Delhi)

Mata Sundri Lane, New Delhi-110002

Ph: 23237291

manner, as per laws set forth by the Ministry of Environment, Forest and Climate Change, Govt of India.

- b) Enactus initiated the second phase of the e-waste collection drive in collaboration with NGO *Chintan* on 21st January 2020. The drive ran successfully and smoothly for almost a month with a collection of 14 kgs of e-waste in the second phase. On 18th February 2020, Enactus was awarded a certificate by the NGO for the collection of a total of 33 kgs of waste.
- <u>Anaemia Camp</u>

Enactus for its second event collaborated with NCC to organise a camp on anaemia followed by a talk by a medical professional in the auditorium on 20th September 2019. The objective of the **T3 camp was to generate awareness, test and offer treatment for anaemia.** There were 5 teams, assisted by two doctors and each team consisted of a pathologist and a counsellor. Facilities of **free hemoglobin checkup** were provided and students identified to be anemic were **issued medicines**. A total of **862 students were tested**, out of which 194 students were non anemic, 404 students were mildly anemic, 261 students were moderately anemic and 3 students were severely anemic. The camp site was operational from 9:30 AM to 1:30 PM and the interactive session was orchestrated from 12:30 PM to 1:30 pm which was conducted by **Dr. Puneet Jaitley.** The session came to an end with vote of thanks by Ms. Gurvinder Kaur, Convener, NCC and Enactus.



(University of Delhi)

Mata Sundri Lane, New Delhi-110002

Ph: 23237291

## • Project Aashna

- a) Enactus, along with NGO *Space for All* organised a day of playful learning activities for underprivileged kids under Project *Aashna* on the occasion of Diwali (24<sup>th</sup> November, 2019). The objective of this event 'Twinkle' was to generate awareness among students about pollution caused by bursting crackers. Students used their imagination and drew their perception of Diwali on cards along a warm message inside. Further, students partook in painting and decorating *diyas*. Students were mentored by Enactus teammates. Towards the end, Enactus teammates spoke with the students to sensitize them about pollution caused by bursting crackers using interesting games. Students were provided with bananas and chocolates as refreshment.
- b) Under the same project, on the occasion of Republic Day (26<sup>th</sup> January 2020) the team collaborated with the NGO Space for All to organize a fun filled event for underprivileged children. Through various activities we inspired them to take interest in the history of India.
- c) In order to raise funds for the society, Enactus set up their stall as part of the annual college festival *Saarang* on 25<sup>th</sup> February, 2020, and sold items made by the underprivileged children in the interactions organized under Project *Aashna*, as well as student members themselves. These included notebooks, bookmarks and cards. They also organized fun games for visitors.

## • Sustainability Watch

Enactus has begun **composting organic waste** in earthen pots to make manure for our next project – **organic farming**; and to generate revenue in near future for our **social entrepreneurship** venture. We have stationed **four compost bins behind our college canteen.** 



#### (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002

Ph: 23237291

## • <u>Project VeggieVille</u>

This project is an initiative towards growing organic vegetables. The use of pesticides and other chemicals in growing vegetables is taking a toll on our health. Enactus has come up with this project to provide organic seasonal vegetables by growing them in our college premises. On 20th February 2020, student members planted capsicum seeds in pots located near the bank.



Ph: 23237291

## JANUARY 2021- PRESENT

## • <u>Project Tide Turner</u>

Student coordinators: Gurleen Kaur and Sahejpreet Kaur

About: The Tide Turners Challenge is a global youth movement to fight against pollution around the world. It is designed to inspire young adults to reflect upon their plastic consumption, discover solutions to reduce the consumption and lead change in their homes, communities, institutions and office.

The Tide Turner team took around 2-3 weeks to complete the entire challenge. The challenge consisted of three levels: Basic Level, Leader level and Champion level.

The **Basic level** was found very interesting by the participants. It consisted of three steps in which the students watched a film on plastic use, answered certain questions related to the film, analysed their plastic usage through 'THE HAPPY TURTLE' calculator and found alternatives to plastic usage. Thereafter, the students got promoted to the next level.

The Leader level consisted of two steps. Students conducted an audit of single use plastic (SUP) in their homes and then segregated the waste categorically as per different recycling grades.

The **Champion level** persuaded them to scale up their efforts by being innovative, inspiring and smart. The team encouraged the companies to start a buy back scheme/policy and start a petition to encourage community to consume sustainably produced products. They were asked to use their creativity and reach as many people as possible. Some students from the team made GIFs



## Mata Sundri College for Women (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

## Ph: 23237291

for the same. Other participants made a video and prepared a worksheet to spread awareness about the challenge and how harmful usage of different kids of plastics is.

Once all the challenges came to an end, e- certificates were issued to the students and a presentation showcasing everyone's efforts was made by compiling various pictures and videos together. The team also made an informative and fun Instagram reel on how to play Safe Holi; avoiding usage of plastic balloons, using organic colors and several other "Do's and Don'ts".

This is how **Team Tide Turner** turned their learnings and actions into a digital asset to educate others and continue their advocacy efforts and spread awareness about single use plastic. Furthermore, the team is taking steps forward to spreading awareness within our college and reach the maximum number of students to educate them about bad effects of plastic as well as how to reduce, reuse and recycle

## • Project Jamboard

## Student coordinator: Jeevika Narula

**About**: Project Jamboard is an **online peer-tutoring initiative** taken up by Enactus, MSC in order to tutor students within the college who find themselves struggling with **written and spoken English.** 

The project commenced in December 2020 with nine Enactus student members forming the tutors. In January 2021 an English Language test was held to select the target students. About 23 students who scored less than 55% were selected for the tutoring program.

All tutors work with 2-3 students each. The duration of one class is an hour, conducted over Google Meet, twice a week. The teaching process includes weekly reading sessions with students to observe the change in their speaking



#### (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002

Ph: 23237291

skills within a given time span. Along with this, grammar, writing and comprehension components are also included.

The following topics have been completed as of now:

**GRAMMAR**: Nouns, Pronouns, Adjectives, Verbs, Adverbs, Prepositions, Conjunctions, Determiners, Interjection, Verb tenses, Subject and Predicate, Active voice and Passive voice

**READING**: Conversations, Short Passages

SPEAKING: Introduction, Debates, Conversations, Speeches, Extempore, Interview

**WRITING**: Letter writing, Email writing, building a CV/ Resume, Book and Movie Reviews

Documentation of impact includes recording of students' speeches as well as written tests. Over the course of two months, an **improvement has been noticed** in the reading as well as the basic grammar and writing section of the students.

In March 2021, Project Jamboard welcomed ten new tutors into the group and is set to expand its impact on more students within college.

## • Project Sil-sila

## Student coordinator: Anupreet Kaur

**About**: Project Sil-sila works to **upcycle** Rumala Sahibs, sarees and old clothes into envelopes and other items, while **generating employment** for people financially affected by the Covid-19 pandemic.

The group began with its research work in January. By mid-February, Rumala Sahibs were collected and members of the team had identified the target group i.e. tailors who had suffered losses in income due to the pandemic. In March,



#### (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002

Ph: 23237291

two tailors from Gurugram were employed. Samples of envelopes made by them were sold at the end of March with a **profit of 50%**. The cloth was initially upcycled into a Shagaan envelope but after some market research, it was found that Gutka Sahib covers are more in demand as well as more profitable.

Currently, the group is negotiating with an NGO and is in talks with certain domestic helpers who have been affected by the pandemic. It is also in the process of launching these products online via Instagram, while exploring more products like potlis for their collection.

https://mscw.ac.in/enactus.aspx



Ph: 23237291

## **GLIMPSES OF ENACTUS ACTIVITIES**



IMAGE 1: Anaemia Camp on 20th September 2019



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 2: E-waste Collection Drive 19 KG collaborated with the NGO *Chintan On* 27th August 2019



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 3: E-waste Collection Drive 33 KG collaborated with the NGO *Chintan (*21st January 2020 and 18th february 2020)



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002



IMAGE 4: Enactus, collaborates with NGO *Space for All* organised a day of playful learning activities for underprivileged kids under Project *Aashna* on the occasion of Diwali (24<sup>th</sup> November, 2019)



### (University of Delhi)

Mata Sundri Lane, New Delhi-110002



IMAGE 5: Enactus, in collaboration with NGO *Space for All* organised a day of playful learning activities for underprivileged kids under Project *Aashna* on the occasion of Diwali (24<sup>th</sup> November, 2019)



### (University of Delhi)

### Mata Sundri Lane, New Delhi-110002



IMAGE 6: The Occasion of Republic Day (26<sup>th</sup> January 2020), the team collaborated with the NGO *Space for All* to organize a fun filled event for underprivileged children.



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 7: The Occasion of Republic Day (26<sup>th</sup> January 2020), the team collaborated with the NGO *Space for All* to organize a fun filled event for underprivileged children.



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002



**IMAGE 8:** Enactus - composting organic waste in earthen pots to make manure for project – organic farming (compost bins)



# Mata Sundri College for Women (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



**IMAGE 9:** Enactus - composting organic waste in earthen pots to make manure for project – organic farming



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 10: Enactus - composting organic waste in earthen pots to make manure for a project – organic farming ( four compost bins behind our college canteen.)



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 11: On 20th February 2020, student members planted capsicum seeds in pots located near the bank.



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 12: Covid-19 Aid Award by Delhi Police in recognition of the endeavour to Reach out to the Communities to serve Humanity



(University of Delhi)

Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 13: Covid-19 Aid Award (Serving Humanity)



## (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002



IMAGE 14: Covid-19 Aid Award (Serving Humanity)



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002



IMAGE 15: Covid-19 Aid Award (Serving Humanity)



#### (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002

Ph: 23237291



## IMAGE 16: Our Entrepreneurial Initiative Sil Sila

Project Sil-sila works to upcycle Rumala Sahibs, sarees and old clothes into envelopes and other items, while generating employment for people financially affected by the Covid-19 pandemic.



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002



IMAGE 17: Our passionate group of students associated with SilSila



(University of Delhi)

Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 18: Project Sil-sila works to upcycle Rumala Sahibs, sarees and old clothes into envelopes and other items, while generating employment for people financially affected by the Covid-19 pandemic.



## (University of Delhi)

### Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 19: Project Sil-sila works to upcycle Rumala Sahibs, sarees and old clothes into envelopes and other items, while generating employment for people financially affected by the Covid-19 pandemic.



## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 20: Project Sil-sila and some beautiful creations of upcycled Rumala Sahibs.



(University of Delhi)

Mata Sundri Lane, New Delhi-110002

Ph: 23237291



IMAGE 21: Project Sil-sila works to upcycle Rumala Sahibs, sarees and old clothes into envelopes and other items, while generating employment for people financially affected by the Covid-19 pandemic.



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## Mata Sundri Lane, New Delhi-110002

Ph: 23237291

https://www.etvbharat.com/hindi/delhi/city/delhi/mata-sundri-college-five-stude nts-help-needy-people-during-corona-period/dl20210617140631557



IMAGE 22: Interview of Team ENACTUS (Verification of COVID-19 Resources) with TV Channel



#### (University of Delhi)

#### Mata Sundri Lane, New Delhi-110002

Ph: 23237291

Delhi: कोरोना काल में मदद के लिए आगे आयीं ये छात्राएं, सुनिए इनकी जुबानी

Published on: Jun 17, 2021, 2:06 PM IST

देशभर में कोरोना(corona virus) की वजह से लोगों को हो रही परेशानियों को देखते हुए दिल्ली के माता सुंदरी कॉलेज (Mata Sundari College Delhi) की 5 छात्राओं ने एक अनोखी पहल शुरू की. जिसमें छात्राओं ने समय का सदुपयोग करते हुए जिन लोगों को ऑक्सीजन(oxygen), दवाइयां(medicines), बेड(beds) की जरूरत थी. उन्हें छात्राओं ने मिलकर कोरोना के गंभीर हालातों में स्वास्थ्य सेवाओं (health services) से जुड़ी सही जानकारी लोगों तक पहुंचाकर उनकी मदद की.

नई दिल्ली: कोरोना की दूसरी लहर(corona second wave) में दवाइयों से लेकर ऑक्सीजन की काफी किल्लत(lack of oxygen) देखने को मिली. मरीज और उनके परिजन अस्पतालों में स्वास्थ्य सेवाओं के लिए भटकते हुए नजर आए. इस दौरान लोग सोशल मीडिया(social media) और अलग-अलग कांटेक्ट के जरिये मदद मांगते भी दिखे, लेकिन इसी दौरान कई लोगों को समय पर सही जानकारी नहीं मिलने पर काफी दिक्कतों का भी सामना करना पड़ा.

लोगों की मदद के लिए आगे आई 5 छात्राएं

कोरोना काल में लोगों तक पहंचाई सही जानकारी

ऐसे में कई लोग जरूरतमंद लोगों की मदद के लिए आगे भी आए कई लोगों ने राशन, दवाइयों की सुविधा लोगों तक पहुंचाई, तो वहीं दिल्ली के माता सुंदरी कॉलेज(Mata Sundari College Delhi) की 5 छात्राओं ने मिलकर कोरोना के गंभीर हालातों में स्वास्थ्य सेवाओं(health services delhi) से जुड़ी सही जानकारी लोगों तक पहुंचाने का काम किया.

5 छात्राओं के इस ग्रुप में से 2nd ईयर की छात्रों ने मानसी ने बताया कि 2 महीने पहले व्हाट्सएप(whatsapp), फेसबुक(facebook), ट्विटर(twitter) पर बेड, ऑक्सीजन(oxygen) और दवाओं के लिए जो SOS मैसेजेस(SOS messages) भेज रहे थे. उन संदेशों को हमने इकट्ठा किया और दिल्ली एनसीआर(Delhi NCR) के अलग-अलग जिन अस्पतालों में ऑक्सीजन(oxygen in hospitals), बेड और दवाओं की उपलब्धता थी. उन जगहों पर कॉल करके हमने कंफर्म किया, कि क्या उनके पास ऑक्सीजन, दवाइयां, बेड उपलब्ध है. सही जानकारी मिलने पर हमने जरूरतमंद लोगों को वह जानकारी दी.



Ph: 23237291

## Verification of COVID-19 Resources

The second wave of COVID-19 made an unheralded entrance in the country. As the result of the burgeoning cases, the healthcare system all over the country was overwhelmed, leaving hospitals in shortage of supply of oxygen and critical drugs used for treating the patients.

Team ENACTUS, Mata Sundri College for Women decided to provide aid to the people in distress. Members of the team volunteered to look for leads across the internet about the availability of hospital beds, oxygen cylinders, prescribed drugs and verify them in real time. The volunteers were constantly calling and messaging every lead to make sure it was functional. A Whatsapp group was formed wherein everyone sent information about the leads they would verify, the screenshots of which were posted on the official page of ENACTUS on Instagram. A link for excel sheet containing the details of verified resources was also shared on various social media platforms. It immensely helped people who would search for resources in haste at the time of emergency as it was all compiled at one place. With this initiative the society helped to connect those in need with the right resources and also helped in removing the obstacles of COVID-afflicted families, caused due to a lot of misinformation floating on various platforms. All the resources were compiled by the team and a notion website was created to help the people in need.

https://mscw.ac.in/enactus/COVID-19.pdf



Ph: 23237291

## Ref No. MSC/IQAC/SSR-CR 3 /3.2.1

# UDDHAM: THE ENTREPRENEURSHIP CELL

https://mscw.ac.in/Uddham.aspx

Uddham, The Entrepreneurship Cell of Mata Sundri College for Women was formed in January 2021 by Internal Quality Assurance Cell (IQAC) in collaboration with the Department of Commerce under the guidance of *Ms. Prabhsharan Kaur* (Co-Ordinator), *Ms. Jaspal Kaur Sahni (Member)*, Dr.



Harleen Kaur (Member), Dr. Sapna Dhariwal (Member), Dr. Ishpreet Virdi (Member) and Ms. Manjot Kaur (Member) along with the student coordinator team Ashima Mohan (President, Entrepreneurship Cell) and Deeksha Arora (Vice President, Entrepreneurship Cell).

The IQAC cell (*Mr Lokesh Gupta, Co-Ordinator of IQAC cell*) is the parent unit of entrepreneurship cell - Uddham, which aims at manifesting the latent entrepreneurial spirit of people by bringing students, academic leaders and businesses together with the goal of ameliorating the quality of and living standards of people in need, through the positive effects of business endeavours. We tap potential and provide opportunities to assist, nourish and develop an idea into reality. Uddham believes in making excellence rather than pursuing



Ph: 23237291

excellence. We are on a pathway of striving students into the leading entrepreneurs by inculcating the reality of the business world. Keeping the vision in line the society works zealously chasing to become the epitome of managerial, entrepreneurial and social values. Uddham believes in prioritising 'thinking' instead of just 'following'.

#### **POSTER: UDDAHM**




## (University of Delhi)

## Mata Sundri Lane, New Delhi-110002

Ph: 23237291



## **IMAGE: UDDAHM**



Ph: 23237291

UDDHAM has flourishingly conducted two successful events so far.

## 1. "Entrepreneurial Idea Development and Skill Enhancement"- Online Certificate Course (5<sup>th</sup> February – 15<sup>th</sup> February, 2021)

The first event was a short term certificate course on Entrepreneurial Idea Development and Skill Enhancement in collaboration with UGC NSQF Skill Development, Kirori Mal College. The ten day course welcomed renowned experts in the field of entrepreneurship as the speakers. The course had participation of students and teachers from all over India. The course familiarised them with the concept of entrepreneurship and propagated the significance of the same. This event not only facilitated sensitizing the students by covering topics such as idea generation, scope, opportunities and skill development, but also helped them get real-life insights of the entrepreneurial world through exciting quizzes and competition with cash prizes for the winners.

#### DAY 1 - 5th February, 2021

The event unfolded with the gratifying words of Ms. Harleen Ma'am. Honourable Principal ma'am and the pillar of Mata Sundri College for Women, Prof. Dr. Harpreet Kaur elucidated the scope and importance of the field and entrepreneurship. Mr. Lokesh Gupta familiarized the audience with IQAC and stated his vision of starting the E-cell. Ms. Prabhsharan Kaur (Co-ordinator, E-Cell) welcomed all the speakers and the participants. Mr. Pushpendra Kumar (Co-ordinator, Kirori Mal College) enunciated about the skills that need to be inculcated in every student so that they can succeed in the paths of entrepreneurship. The foregoing event was made a bit more special with the presence of our another speaker, Shri Ravindra Nath, who highlighted the



#### Ph: 23237291

burning issue of India, that's unemployment. He gave interesting examples to highlight the importance of guidance and motivation to people who are talented but just lack vision. His informative talk truly motivated the attendees.

#### DAY 2 - 6th February,2021

The speaker for the second day was Mr. Shakeel Ahmad Khan, faculty of Entrepreneurship Development Program at National Small Industrial Corporation, MSME, Government of India. His informative and elaborated session covered topics such as, criticality of youths opting start-ups, essentials of marketing, MSME's and much more. The second speaker was Mr. H.P. Singh, Chief Consultant in National Institute for Entrepreneurship & Small Business Development, Ministry of Skill Development and Entrepreneurship, Govt. of India. His elaborated graphs and chart presentations introduced students with several business and entrepreneurship essentials. The audience was stimulated by the words of Mr. Singh, when he stated that 'Entrepreneurs' are made, not born' and thus anybody can be one and supported the statement with success stories of renowned entrepreneurs.

#### DAY 3 - 8th February,2021

The session geared up with the introduction of speaker, Professor Vinod Kumar Mehta by Assistant professor of commerce, Ms. Manjot Kaur. He is a former General Manager in Marketing at Bharat Electronics Ltd. (BEL), and a visiting professor at JIMS and NMIMS. His interactive session tranquilized the evident curiosity of the attendees by answering their queries. Second speaker of the evening was Ms. Uzma Mumtaz who is an entrepreneurship mentor at the Incubation Department at National Small Scale Industries Corporation. She started with the entrepreneurial support system and its ecosystem and effortlessly explained even the most cumbersome terms such as bank credit



Ph: 23237291

facilitation, single point registration scheme, exhibition complex and event management with an ease.

#### DAY 4- 9th February, 2021

Day 4 was hosted by Dr. Ishpreet Virdi, Assistant Professor, Department of Commerce. Speaker of the evening, Dr. Suman Dhawan, Deputy Director (Academic/WCSC), Department of Technical Education and Training, Government of NCT of Delhi, started by motivating the students through inspirational stories. Her words on the successes of women in the entrepreneurial world truly galvanized the young women in the audience. Ms. Sudipti Dhawan, Director Dynamisers Solutions having specialization in Cyber Security and Artificial Intelligence, was the second speaker for the day. She emphasized on being unique with business ideas and learning from the upcoming challenges. Several queries were also entertained by her in a detailed manner.

#### DAY 5-10th February,2021

Speaker for this day was Ms. Sudipti Dhawan who is a Chief Executive Officer at Dynamisers Solutions and an Associate Professional Product Developer. She is an expert corporate trainer who has worked in various fields. The real life successful ventures of the entrepreneurial world were explained to enlighten the essence and importance of startups. Continuing on the same lines, Dr. V.K Arora who has done PhD in entrepreneurship and had 20 years of experience took the lead for the second session. He enlightened the students by introducing them to the topic of "Innovation, Entrepreneurship and Business Idea Generation".

#### DAY 6 - 12th February,2021



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Ms. Kamna Virmani welcomed the esteemed guest for the day Ms. Mamta Prajapati, Sector Expert Food at National Consumer Helpline. Ms. Mamta enlightened the audience with entrepreneurship in an exceptional way, making knowledge interesting to be learnt. Topics like registration, licensing, key features of FoSCos and many other domains were discussed in detail. Lately for the second session, Mr. Nipun Jain, Founder and Business Head of Natty Ninos amazed the minds of participants with numerous facts and details.

### DAY 7 - 13th February, 2021

Mr. Ravindra Nath, our speaker for the day made the evening special with his remarkable experience in the field of entrepreneurship. He focused on making us learn about the importance of gaining practical skills, which stands above theoretical learning. For the second session of the day Mr. Pushpendra Kumar, Associate Professor, Kirorimal College, DU, enunciated about the skills that need to be inculcated in every student so that they can chase their path towards a job provider and not a job seeker.

#### DAY 8 - 14th February, 2021

For making the evening memorable Mr. Tripat Preet Singh, Entrepreneurship educator, Serial Entrepreneur and Investment Advisor was welcomed as the speaker for the first session. Life cycle of a startup was remarkably explained through real life examples of leading startup companies who touched the heights considering every detail to the minutest. For the second session Mr. Anurag Mittal was heartily welcomed. He is an Innovation Lead, Financial Planning Reporting Analyst and Governance Risk Compliance Audit Professional and also an Information System Audit Professional in UK, Eastern Europe, USA,



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Middle East and SouthEast Asia. His experience was enough to outshine the evening.

#### DAY 9 - 15th February, 2021

Last day of the event was successfully marked by Ms. Tarasha Kaur, Founder of Craftivity. Her 18 years of experience as a trainer in FICSI, FSSAI, DSMS, PMKVY, RPL, STT and ITDC made the event way too remarkable and special for the audience. Lastly the experiences of entrepreneurship was set forth by the Founder of Speacan which doubled the interest of people towards the session. On such an informative note the session along with the course came to an end with amazeballs.

Further the session was led by winning team members of an activity conducted there in, with a detailed presentation on the stated topic.

The event came to an end with the valedictory session which commenced with an introduction to honorable Principal, Prof. Dr. Harpreet Kaur of Mata Sundri College for Women along with the Principal of Kirori Mal College, Ms. Vibha Singh Chauhan. The 9 days journey was splendidly notified by Ms. Sapna Dhaliwal, Member of Entrepreneurial Idea Development and Skill Enhancement Course. Positive feedback was heard all around and the learning which participants got throughout the course was kept as a treasure in their minds. Students were ecstatic of the fact that knowledge was made interactive by conducting different activities like business plans, quizzes, communicative interactions and much more.



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# 2. "Symposium Saturdays" - Online talk by entrepreneurs on their success stories (20<sup>th</sup> March - 17<sup>th</sup> April 2021)

The second event, "Symposium Saturdays", a series of talks which was held to motivate student's inner entrepreneur, welcomed ten highly accomplished entrepreneurs, in the fields of mentorship, fashion and beauty, self care and mental health, food blogging and many more. They motivated the students and bewitched them towards entrepreneurship by sharing with them their inspiring journeys towards becoming successful entrepreneurs. It aimed at advancing people's understanding about entrepreneurship and diversifying their skill set.

## DAY 1 - 20th March 2021

Symposium Saturdays started with a delightful welcome from the president and vice president of the Uddham- Entrepreneurship cell , followed with the blessings of the Principal and other senior staff of Mata Sundri College for Women. The speakers, Ms Sidhak Kalra and Ms. Chetna Arora, were invited to share their life journey with the students and motivate them by how they chose a different path in their careers and overcome all the obstacles. An important message was delivered through the first day of this event i.e., to live in this world you need to fight back everyday and live your life on your terms.

#### DAY 2 - 27th March 2021

Day 2 of Symposium Saturdays was to give the students a clear idea about entrepreneurship and how to start a small business. For this two mentors were invited to guide the students and clear their doubts. Mr. Pranav Thakkar and Mr. Daksh Sethi presented some real life examples and motivated everyone to face



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the challenges which life might bring along. Students took active participation in the questioning rounds.

## DAY 3 - 3rd April 2021

They say '*Eat well and travel often*' and to turn it into an entrepreneurial idea, Uddham had Ms. Avantika Garg, Artist and a Travel Blogger, having immense passion for her field and work and Ms. Yashita Malik and Ms. Ishika Gupta as Food Bloggers for the 3rd day of the event. Having both of them together was so delightful as we got to know that there are so many new and different fields in which one can work. A key message delivered to students was that if you are good at something, never do it for free.

#### DAY 4 - 10th April 2021

Symposium Saturdays have been about spreading knowledge about different educational fields and giving them an insight about how everyone faces difficulties in life and one should not give up. With this in mind, Day 4 of symposium Saturdays focused on the importance of social media marketing and content creation to build a brand. Mr. Rohit Chawla and Ms. Geetanjali Arora, shared their life journeys with us and took a session. This event also turned out to be a success and the audience learnt a lot of new aspects.

## DAY 5 - 17th April 2021

With the last day of Symposium Saturdays, Uddham, The Entrepreneurship cell of Mata Sundri College, showed their gratitude towards the principal and teachers of the college, because of whom we were able to organise such a great series of events. The event started with great enthusiasm as we invited Ms. Harnoor Kaur and Ms. Jasmine Kaur Sukhija, two renowned personalities who



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chose their career paths regardless of what the society said. They told the students to never stop chasing their dreams and motivated them to take a step forward for the same. The event ended with the same enthusiasm and zeal.

#### **IMAGES:**



IMAGE 1: Day 1 of the event "Entrepreneurial Idea Development and Skill Enhancement" unfolded with the gratifying words of Ms. Harleen Ma'am



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IMAGE 2: Principal Prof. Dr. Harpreet Kaur Elucidated the scope and importance of the field and entrepreneurship on 1st day of the event "Entrepreneurial Idea Development and Skill Enhancement"



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#### IMAGE 3:

Speaker, Shri Ravindra Nath, who highlighted the burning issue of India, that's unemployment on 1st day of the event "Entrepreneurial Idea Development and Skill Enhancement"



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IMAGE 4: The session started up with the introduction of speaker, Professor Vinod Kumar Mehta by Assistant professor of commerce, Ms. Manjot Kaur on 3rd day of the event "Entrepreneurial Idea Development and Skill Enhancement"



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Business Idea Generation		
Problems	Available Solution	
Transportation, Taxi, High cost, Limited availability, Tough Journey	OLA, Uber	
Maintaining Menu cards, Schemes, Delivery time	Zomato, Swiggy	
Retailers Choice, MRP Selling	Big Basket, Groffer	
Cash money transfer, Bill Payment Queues	PayTM, GPay	
Insurance	Policybazaar	
Lets think about		
Coolies Bargaining	CoolieEASE	Divisian 🚺
Saloon and Dressing	GreatLook.com	
Time Pass Options	Games.on.net	
Day to day health monitoring	Check n' Care	
Missing specialty of	Auder.com	

IMAGE 5: Ongoing session in the event "Entrepreneurial Idea Development and Skill Enhancement"



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IMAGE 6: Ms. Mamta enlightened the audience with entrepreneurship in an exceptional way in the event "Entrepreneurial Idea Development and Skill Enhancement" on 6th day



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IMAGE 7: The second session of day 7 of the event "Entrepreneurial Idea Development and Skill Enhancement" with Mr. Pushpendra Kumar, Associate Professor, Kirorimal College, DU.



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IMAGE 8: Day 8 of the event "Entrepreneurial Idea Development and Skill Enhancement" with Mr. Tripat Preet Singh, Entrepreneurship educator, Serial Entrepreneur and Investment Advisor



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IMAGE 9: Day 9 of the event "Entrepreneurial Idea Development and Skill Enhancement" with Ms. Tarasha Kaur, Founder of Craftivity.



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#### **POSTER: Symposium Saturdays**





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IMAGE 10: Symposium Saturdays started with a delightful welcome from the president and vice president of the Uddham- Entrepreneurship cell



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IMAGE 11: Ongoing session of event Symposium Saturdays"



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IMAGE 12: 3rd day of the event "Symposium Saturdays"



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IMAGE 13: 4th day of the event "Symposium Saturdays"

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## **Abstracts of Exemplar Research Projects**

# 1. Perception of Luxury Goods Consumption and Aspects of Identity: An Intergenerational Study

Students: Dilpreet Kaur, Gursheel Kaur, Parneet Kaur, Sanika Sharma Supervisors: Dr. Garima Kumar (Psychology) & Dr. Jasleen Kaur (Economics)

#### Abstract

Luxury consumers come from different income groups, generations and genders and use luxury to fulfill different motives. This study sought to understand the relationship between the perception of luxury goods consumption and different aspects of an individual's identity from an interdisciplinary perspective with a psychological and economic vantage point. The relation between luxury value perception and aspects of identity was studied by taking a cross-generational approach and keeping the Indian luxury consumers from three generations X, Y and Z as the central focus of the research. Other demographic factors like gender and income groups and their subsequent relationships with different aspects of identity and luxury value perception were also studied. A Google form survey was administered to reach the target sample of Indian consumers, aged between 13-55 years. The age groups were categorised according to three generations: Gen X (40-55 years), Gen Y (24-39 years), Gen Z (13- 23 years). The study involved both female and male participants with family income levels ranging from below 12 lakhs, 12-24 lakhs and above 25 lakhs. Non-probability convenience sampling technique was employed for the purpose of collecting data from the target population.

The data collected was analysed using Pearson's correlation and Analysis of Variance (ANOVA) in SPSS 28. The analyses indicate that people from all income groups have a significant positive correlation with public identity and luxury value perception. The correlation is found to be highest for people belonging to the 12-24 lac annual income group. Participants from Gen Y and Gen Z also have a significant correlation for luxury value perception and personal identity. Besides age and income, results also indicate that gender has a significant effect on an individual's personal identity. These findings can inform the understanding of consumer behaviour and identity as well as have consequences for luxury brands consumption as well as future research in the area. Implications for further research have been discussed.

Keywords: luxury goods, identity, generation, income, gender

# 2. Shifting from Cash to Cashless Economy: A Study of Consumer Behaviour

Students: Vani Tiwari, Priya Malhotra, Himanshi Garg and Megha Sharma

#### Mentors:-Dr. Niti Arora (Economics) & Dr. Meenu Goel (Statistics)

#### Abstract

With the rapid improvements in technology and increasing levels of internet penetration across India, the way that people make transactions is Changing. Cash may no longer be Ruler. Cashless economy is an economic System in which there is little or very low Cash flow in a Society goods & Services are purchased and paid through electronic/digital Services. Cashless economy is the economy in which transactions are made by debit Cards, Credit Cards, e-wallet, Cheques or direct transactions from one account to another through e-banking. Cashless economy got eyes after demonetization where plastic money was widely used. The objective of this research is to understand the acceptance & mindset of Citizens of economy regarding the shift from Cash based to a more digital economy. It includes various indicators like main apps they prefer, main amenities for online payment, different age groups making online transactions & how their education level affects.

A cashless society is an economic state where transactions are made through the source of digital technologies/applications. There is no involvement of physical money to make payments. There are many benefits of a cashless economy yet the Indian economy is still cash-based, with less than 5% of payments made electronically. Making transactions through digital apps not only eases one's life but also documents and validates the transactions that are made. The Government of India has launched the Digital India Program to promote electronic payments instead of the usage of cash. Modern and efficient payments are a key factor for growth and development. Through this research study, we noticed that 85.2% of the respondents are positive about shifting towards a cashless economy. For this study through our primary analysis, we asked respondents 'How safe you feel while paying through cash and paying online' on a scale of 1-5 (where 1 is considered the least and 5 is considered the maximum) the maximum number of respondents responded with 'moderately safe'. The objective of this study is to find out what are the main reasons why respondents hesitate while going for cashless transactions, to find out how safe the respondent feels, what applications are preferred by the respondents, the main benefits respondents think are

beneficial for the cashless transaction, if they are willing to shift from traditional to a cashless system, etc. have been analyzed in this study.

To conduct Survey, the Sample population has been chosen by Random Sampling. The primary data has been collected through questionnaires with responses of 413 respondents from Students, working professionals & business class people from every- age group.Data has been tabulated & analyzed to understand the perception of individuals towards Cashless economy. There is still a long run for India to be Cashless to full extent as the government needs to develop a Secure infrastructure.

#### 3. Shortest Path Algorithms: Comparison and Applications

#### Korada Vaishali, Muskan Lakra, Ramita Sahni & Rashmi Verma (Mathematics)

#### Abstract

In graph theory, the shortest path problem is one of the most classical problems aiming to find the shortest path between two nodes in a network. This article aims to present five basic algorithms and compare them theoretically by analysing time complexity. The article discusses their performance and summarises the shortest path algorithm's best application range, followed by their applications.

Keywords

Shortest path algorithm, single source shortest path, multi source shortest path, spanning tree

#### 4. A Case Study on the Impacts of Online Mode of Learning on Education

#### Students: Kaveri, Navpreet Kaur, Sonam Kandar, Prarthna Singh, Mridula, Shreya Mentor: Dr. Shashwati

#### Abstract

The COVID crisis has shown that hoping for the best does not help. We must plan for the worst and hope for the best. Education is in crisis at the moment. Our answer to the crisis in education during the pandemic has been to offer online education or education through digital platforms. However, there are serious issues related to access, availability of devices, content curation, teachers training, testing, exams, grades, funding, facilities, salaries, parents and fees. The worst affected, as always, will be the marginalized, rural and poor populations.

Digital education is not about videos of lectures on blackboards by teachers on the internet. It is about appropriate platforms, technology, tools, interactivity, curation, content and a lot more. We are completely unprepared. Government schools and colleges do not have the resources to provide digital education. Private schools and colleges are no different. The financial model of education has fallen apart everywhere during this pandemic. In India, the situation is even more complex because of the lack of a proper policy on digital education, infrastructure and multiple languages.

The government began planning for the students of the country only by the end of August in the previous year. Many analysts viewed these plans as mere rhetoric that is always served to the poor. These plans were based on presumptions like semi-literate or illiterate parents teaching their wards, community involvement, mobile pools, and so on. Anyone with an understanding of the dynamics of the urban-rural divide in India will immediately note these presumptions to be fallacious. As a result, what becomes apparent is that online or digital education is accessible to only students with the required resources that include the basic precondition of access to money, electronic gadgets and knowhow of technology. Thus, digital India may become even more unequal and divided than it already is.

Listening to lectures on the mobile phone, copying from the board where the teacher is writing, frequent disconnections and/or having blurred video/audio can hardly organically connect the student's present understanding with the logically organized bodies of human knowledge. Even the examination has shifted to online mode now which gives students a chance at malpractices while writing their answers, which in turn affects their future, as the students are just going to get the degrees but not build knowledge. Even if the format of the questions is changed and we call it Open Book Examination, still the problem remains the same and the students do not get the same

competitive environment as before.

Information Technology has been presented as a harbinger of a revolution in education for more than three decades now. However, all reliable studies seem to indicate that Information and Communication Technology (ICT) in the classroom helps in already well-functioning systems, and either has no benefits or negatively impacts the structurally lacking systems. The importance of the institutional environment cannot be emphasized enough in the current times of online teaching. Even when the institutions function sub-optimally, students themselves create an environment that supports their growth morally, socially and intellectually, through conversations and interactions with each other. The online mode of teaching completely forecloses this opportunity.

In the current research, the attempt is to delve into the experiences of the students of Mata Sundri College for Women with the digitized form of teaching-learning in the lockdown period; whether this rapid transition of old traditional classroom-based learning to digital e-classrooms has been done smoothly or students faced hardships from it. The research broadly aims to understand both the physical and mental impact of pandemic in their lives especially with reference to academics. Learning and studying can be immensely enjoyable and creatively engaging activities, if they are well arranged and supported. Is online mode really a beneficiary step towards quality education or another immense pressure upon an education system that is already structurally frail?

#### Aims and Objectives of the Research:

To analyze how the ongoing mode of online education has affected the mental and physical health of college-going students.

To study the impacts of a transformed nature of education and knowledge-building in terms of the students' career options and further educational opportunities.

To debate the pros and cons of a crisis-driven solution, i.e., digitized teaching-learning based on concrete experiences of the respondents.

To examine the efficacy of a digitalized model of education from a gender perspective.

To examine the efficacy of online mode of learning on a diverse body of respondents, based on class-differences, as well as physical abilities of the respondents.

To analyze the effects of online teaching-learning on the quality of education.

The hypothesis of the research is that a sudden transformation in the mode of learning as a

response to the current health crisis, has led to cropping of numerous technical, and socio-economic challenges for the student body of the college, proving to be averse to the physical and mental health of the latter, leading in turn, to a decline in the quality of education. The study is based on online interviews with the respondents through a structured questionnaire. A total of twenty-two questions pertaining to the topic were put before the respondents through the questionnaire. The respondents are the undergraduate students of Mata Sundri College for Women, aged between 18-20, attached to different courses and departments within the college. While the sample size was not-pre-decided, the research invoked 115 responses, which formed the data pool on the basis of which the analysis was done.

# 5. Camels Approach Adequacy: A Comparison of Indian public and private Sector Banks

#### Mentor: Harshmeeta (Commerce) Students- Mehak Kaur, Aarti Manchandani B, Vidhi Jain Kanishka Jain

#### Abstract

Banks across the country are going through rapid technological transformation and banking mergers. Thus, it is essential to understand the strength of our banking institutions to assess their ability to sustain and manage risks effectively. The present study examines the adequacy of public and private sector banks in India with respect to CAMELS approach, a leading approach to analyze the banks. The results of the study indicate a fair performance of private sector banks in terms of Capital Adequacy, Asset Quality and Earnings Capacity. However, public sector banks indicated a better performance in terms of Liquidity and Sensitivity. It is further suggested that Indian banks should improve their adequacy with respect to the various elements of CAMELS approach in order to sustain effectively and enhance banking profitability.

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31/12/2015

PROF.P.PARDHA SARADHI

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फाइल करने की तारीख / Date of Filing

पेटेंटी / Patentee

आविष्कारक (जहां लागू हो) / Inventor(s)

1.PROF.P.PARDHA SARADHI 2.DR.P. SHARMILA 3.DR.KAVITA SINGH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SYNTHETIC MERBPS GENE-ORGANOMERCURIAL SYSTEM IS IDEAL FOR SELECTING TRANSFORMED CELLS AND RAISING TRANSGENICS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 31st day of December 2015 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled SYNTHETIC MERBPS GENE-ORGANOMERCURIAL SYSTEM IS IDEAL FOR SELECTING TRANSFORMED CELLS AND RAISING TRANSGENICS as disclosed in the above mentioned application for the term of 20 years from the 31st day of December 2015 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 18/10/2019 Date of Grant : पेटेंट नियंत्रक Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 31st day of December 2017को और उसके पश्चात प्रत्येक वर्ष्ष मे उसी दिन देय होगी। Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 31st day of December 2017 and on the same day in every year thereafter.









भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 Of The Patents Rules)

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PROF.P.PARDHA SARADHI

31/12/2015

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फाइल करने की तारीख / Date of Filing

पेटेंटी / Patentee

आविष्कारक (जहां लागू हो) / Inventor(s) :

1.PROF.P.PARDHA SARADHI 2.DR.P.SHARMILA 3.DR.KAVITA SINGH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित SYNTHETIC MERB GENE FOR APT EXPRESSION IN PLANTS TO DETOXIFY ORGANOMERCURIALS नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 31st day of December 2015 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled SYNTHETIC MERB GENE FOR APT EXPRESSION IN PLANTS TO DETOXIFY ORGANOMERCURIALS as disclosed in the above mentioned application for the term of 20 years from the 31st day of December 2015 in accordance with the provisions of the Patents Act, 1970.



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#### क्रमांक : 011119741 SL No :