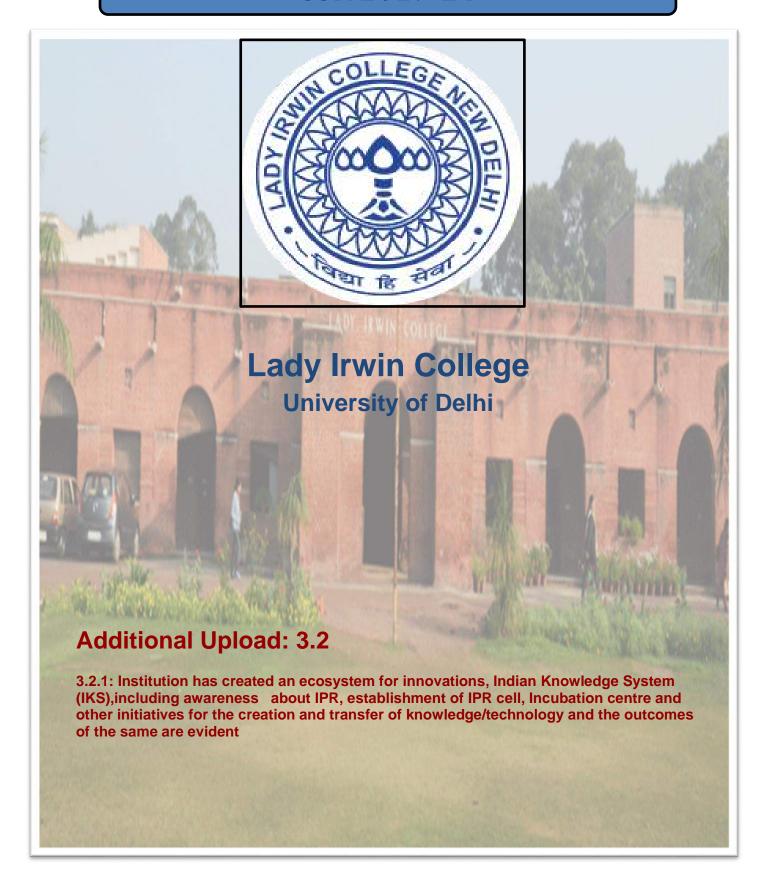
SSR 2019-24



CONTENTS:

- IPR Details
- Design Innovation Centre Annual Reports
- ROSHNI Centre report (Sample)

IPR (Copyrights/ Design Registrations) - DIC, Lady Irwin College							
S. No. Registration Date of Patent Filed		Date of Patent Filed	Applicant Name	Name of Item			
1	386567-001	May	18/05/2023	Design Innovation Centre, Lady Irwin College, University of Delhi	Worship Lamp		
2	L-133114/2023	Sept	15/09/2023	Tashi Gupta, Shweta Thakur, Anmol Yadav, Prof. Sushma Goel	Vega Wheel		
3	L-136889/2023	Nov	29/11/2023	Samridhi Gupta, Jasmine Kaur, Subhangani , Prof. Sushma Goel	Baagu		
4	L-130958/2023	July	7/27/2023	Samridhi Gupta, Jasmine Kaur, Subhangani , Prof. Sushma Goel	Jantu		
5	L-124824/2023	June	12/6/2023	Tashi Gupta	Waste to Wisdom		
6	L-145271/2024	March	3/20/2024	Prof. Sushma Goel, Dr. Mayanka Gupta	Framework for Evaluating Care Institutions for Elderly		
7	L-143983/2024	Feb	2/22/2024	Prof. Sushma Goel, Tashi Gupta, Neha Tanwar, Sanjukta Tirkev	Shabdkhel		
8	L-143583/2024	Feb	2/16/2024	Prof. Sushma Goel, prof. Lalit Das	Sustainability Audit Criteria for Electronic Products		
9	L-145345/2024	March	3/20/2024	Prof. Sushma Goel,Tashi Gupta, Theertha PS, Shireen Najeeb, L Vahnai	Letter Platter		
10	L-143740/2024	Feb	2/19/2024	Prof. Sushma Goel, Tashi Gupta, Anika Pahwa, Mehak Madhok, Vidhi gaur	Ramayana Board Game		
11	387785-001	June	6/6/2023	Design Innovation Centre, Lady Irwin College, University of Delhi	Vendor's Cart		





ORIGINAL क्रम सं/ Serial No. : 143132



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 386567-001

तारीख / Date : 18/05/2023

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो WORSHIP LAMP से संबंधित है, का पंजीकरण, श्रेणी 26-04 में Design Innovation Center, Lady Irwin College के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 26-04 in respect of the application of such design to WORSHIP LAMP in the name of Design Innovation Center, Lady Irwin College.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की लिवि Date of Issue

04/09/2023



महानियंत्रक पेट्रेट-डिजाइन और व्यापार चित्र

्यारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्याधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं निवम के निवंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।

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L-133114/2023

NEW DELHI-110001

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OWNER

ENGLISH

LADY IRWIN COLLEGE

- 1. पंजीकरण संख्या/Registration Number
- आवेदक का नाम पता तथा राष्ट्रीयता Name, address and nationality of the applicant
- कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the
- कृति का वर्ग और वर्णन Class and description of the work
- कृति का शीर्षक Title of the work 5.3
 - कृति की भाषा Language of the work
 - रचयिता का नाम, पता और राष्ट्रीयता तथा यदि रचयिता की मृत्यु हो गई है, तो मृत्यु की तिथि
 - Name, address and nationality of the author and if the author is deceased, date of his decease

TASHI GUPTA , A-175/2, ASHOK VIHAR, PHASE-, NEW DELHI-110052 INDIAN

UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE,

SHWETA THAKUR , 1-547, HARI NAGAR EXTENSION. BADARPUR, NEW DELHI-110044 INDIAN

ANMOL YADAV , 3/58, 2ND FLOOR, NEHRU NAGAR, NEW DELHI-110065 INDIAN

DR SUSHMA GOEL, A2/708, MILAN VIHAR APARTMENT, EXTENSION, DELHI-110092 INDIAN

कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished

addresses and nationalities of the publishers

- 9. प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रीयता Year and country of first publication and name, address and nationality of the publisher
 - बाद के प्रकाशनों के वर्ष और देश, यदि कोई हों, और प्रकाशकों के नाम, पते और राष्ट्रीयताएँ Years and countries of subsequent publications, if any, and names,
 - कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के स्वामियों के नाम, पते और : राष्ट्रीयताएं और समनुदेशन और अनुज्ञप्तियों के विवरण के साथ प्रत्येक के अधिकार का विस्तार, यदि कोई हो। Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any
- अन्य व्यक्तियों के नाम, पते और राष्ट्रीयताएं, यदि कोई हों, जो प्रतिलिप्यधिकार ं वाले अधिकारों को समनुदेशित करने या अनुज्ञप्ति देने के लिए अधिकृत हों Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright 12.
 - यदि कृति एक 'कलात्मक कृति' है, तो कृति पर अधिकार रखने वाले व्यक्ति का : नाम, पता और राष्ट्रीयता सहित मूल कृति का स्थान। (एक वास्तुशिल्प कृति के मामले में कृति पूरी होने का वर्ष भी दिखाया जाना चाहिए) If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown).
 - यदि कृति एक 'कलात्मक कृति' है जो किसी भी माल या सेवाओं के संबंध में उपयोग की जाती है या उपयोग किए जाने में सक्षम है, तो आवेदन में प्रतिलिप्यधिकार अधिनयम, 1957 के घारा 45 की उप—धारा (i) के प्रावधान के अनुसार व्यापार चिह्न रजिस्ट्रार से प्रमाणन शामिल होना चाहिए If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.
 - 15. यदि कृति एक 'कलात्मक कृति' है, तो क्या यह डिजाइन अधिनियम 2000 के : N.A. अंतर्गत पंजीकृत है? यदि हां, तो विवरण दें। If the work is an 'Artistic work', whether it is registered under the Designs Act 2000, if yes give details.

यदि कृति एक 'कलात्मक कृति' है, जो डिजाइन अधिनियम 2000 के तहत एक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयुक्त की गई है और यदि हाँ, तो इसे कितनी बार पुनरुत्पादित किया गया है?

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डायरी संख्या/Diary Number: 10649/2023-CO/L

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Registrar of Copyrights

2902 h2V903













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- 1. पंजीकरण संख्या/Registration Number
- आवेदक का नाम पता तथा राष्ट्रीयता Name, address and nationality of the applicant
- कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the
- कृति का वर्ग और वर्णन Class and description of the work
- कृति का शीर्षक Title of the work 0 5.
 - कृति की भाषा Language of the work
 - रचयिता का नाम, पता और राष्ट्रीयता तथा यदि रचयिता की मृत्यु हो गई है, तो मृत्यु की तिथि Name, address and nationality of the author and if the author is

deceased, date of his decease

कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished

9. प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रीयता Year and country of first publication and name, address and nationality of the publisher

बाद के प्रकाशनों के वर्ष और देश, यदि कोई हों, और प्रकाशकों के नाम, पते और राष्ट्रीयताएँ Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers

कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के स्वामियों के नाम, पते और : राष्ट्रीयताएं और समनुदेशन और अनुज्ञप्तियों के विवरण के साथ प्रत्येक के अधिकार का विस्तार, यदि कोई हो। Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any

अन्य व्यक्तियों के नाम, पते और राष्ट्रीयताएं, यदि कोई हों, जो प्रतिलिप्यधिकार ं वाले अधिकारों को समनुदेशित करने या अनुज्ञप्ति देने के लिए अधिकृत हों Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright 12.

> यदि कृति एक 'कलात्मक कृति' है, तो कृति पर अधिकार रखने वाले व्यक्ति का : नाम, पता और राष्ट्रीयता सहित मूल कृति का स्थान। (एक वास्तुशिल्प कृति के मामले में कृति पूरी होने का वर्ष भी दिखाया जाना चाहिए) If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown).

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15. यदि कृति एक 'कलात्मक कृति' है, तो क्या यह डिजाइन अधिनियम 2000 के : N.A. अंतर्गत पंजीकृत है? यदि हां, तो विवरण दें। If the work is an 'Artistic work', whether it is registered under the Designs Act 2000, if yes give details. 15.

यदि कृति एक 'कलात्मक कृति' है, जो डिजाइन अधिनियम 2000 के तहत एक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयुक्त की गई है और यदि हाँ, तो इसे कितनी बार पुनरुत्पादित किया गया है? If the work is an 'Artistic work', capable of being registered as design under the Designs Act 2000.whether it has been applie

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PAR PARAMETER 10652/2023-CO/L

L-136889/2023

LADY IRWIN COLLEGE UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE, NEW DELHI-110001 INDIAN

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SAMRIDHI GUPTA , HOUSE N<mark>UMBER-98, POCKET-F-2.</mark> SECTOR-11, ROHINI, NEW DELHI-110085 INDIAN

JASMINE KAUR , RSF-10, VIP BLOCK, RIDHI SIDHI ENCLAVE 1, SRI GANGANAGAR, RAJASTHAN-335002 INDIAN

SUBHANGANI , WZ-93C, STREET NO.14 SADHNAGAR, PALAM COLONY, NEW DELHI-110045 INDIAN

DR. SUSHMA GOEL, A2/708, MILAN VIHAR APARTMENT, EXTENSION, DELHI-110092 INDIAN

DESIGN INNOVATION CENTER, LADY IRWIN COLLEGE, UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE NEW DELHI-110001 INDIAN () () ()

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आवेदन की तिथि/Date of Application: 25/04/2023













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विथि/Dated:27/07/2023

1. पंजीकरण संख्या/Registratio	Number 1
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- कार्य के कॉपीराइट में आवेदक की रुचि की प्रकृति Nature of the applicant's interest in the copyright of the
- कार्य का वर्ग और विवरण Class and description of the work
- कार्य का शीर्षक T 1 (0) 5.0 m Title of the work
 - 6238B 6-30 कार्य की भाषा Language of the work
 - लेखक का नाम, पता और राष्ट्रीयता तथा यदि लेखक की मृत्यु हो गई है, तो मृत्यु की तिथि Name, address and nationality of the author and if the author is deceased, date of his decease

L-130958/2023

LADY IRWIN COLLEGE UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE, NEW DELHI-110001 INDIAN

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JASMINE KAUR , RSF-10, VIP BLOCK, RIDHI SIDHI ENCLAVE 1, SRI GANGANAGAR, RAJASTHAN-335002 INDIAN

SUBHANGANI , WZ-93C STREET NO. 14 SADHNAGAR, PALAM COLONY NEW DELHI-110045 INDIAN

DR SUSHMA GOEL, A2/708, MILAN VIHAR APARTMENT, EXTENSION, DELHI-110092 INDIAN

कार्य प्रकाशित है या अप्रकाशित Whether the work is published or unpublished

- 9. प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रीयता Year and country of first publication and name, address and nationality of the publisher
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 - 11. कार्य में कॉपीराइट सहित विभिन्न अधिकारों के मालिकों के नाम पते और राष्ट्रीयताएं और असाइनमेंट और लाइसेंस के विवरण के साथ प्रत्येक के अधिकार की सीमा, यदि कोई हो Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any
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 - यदि कार्य एक 'कलात्मक कार्य' है, तो कार्य करने वाले व्यक्ति का नाम, पता और राष्ट्रीयता सहित मूल कार्य का स्थान। (एक वास्तुशिल्प कार्य के मामले में कार्य पूरा होने का वर्ष भी दिखाया जाना चाहिए)

 If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown).
 - यदि कार्य एक 'कलात्मक कार्य' है जो किसी भी सामान या सेवाओं के संबंध में उपयोग किया जाता है या उपयोग करने में सक्षम है, तो आवेदन में कॉपीराइट अधिनियम, 1957 की धारा 45 कीउप–धारा (प) के प्रावधान के अनुसार व्यापार चिह्न पंजीयक से प्रमाणन शामिल होना चाहिए। If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.
 - 15. H 15. यदि कार्य एक 'कलात्मक कार्य' है, तो क्या यह डिजाइन अधिनियम 2000 के अंतर्गत पंजीकृत है? यदि हां, तो विवरण दें If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details.
 - यदि कार्य एक 'कलात्मक कार्य' है, जो डिजाइन अधिनियम 2000 के तहत एक डिजाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया के माध्यम से किसी वस्तु पर प्रयोग में लाया गया है और यदि हाँ, इसे कितनी बार पुनः प्रस्तुत किया गया है? If the work is an 'Artistic work', capable of being registered as design under the Designs Act 2000.whether it has been applie article though an industrial process and ,if yes ,the number of it is reproduced.

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डायरी संख्या/Diary Number:

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DESIGN INNOVATION CENTER, LADY IRWIN COLLEGE, UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE NEW DELHI-110001 INDIAN (80) on a

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बीद्धिक संपदा कार्यालय, भारत सरकार, Intellectual Property Office, Government of India, (विद्धिक अल्लेखिब कार्यालय, जाबज ठबकाब, बौद्धिक संपदा दफ्तर, भारत

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कॉपीराइट कार्यालय, भारत सरकार | Copyright Office, Government Of India

तिथि/Dated:12/06/2023

1.	पंजीकरण	संख्या/Registration Number	
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आवेदक का नाम पता तथा राष्ट्रीयता ार ग्रम स्टे४ । Name, address and nationality of the applicant

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बोद्धिक संपदा व 7. लेखक का नाम, पता और राष्ट्रीयता तथा यदि लेखक की मृत्यु हो गई है, तो मृत्यु की तिथि Name, address and nationality of the author and if the author is deceased, date of his decease

8. कार्य प्र<mark>काशित है या अप्रका</mark>शित भारत सरकार, Inte Whether the work is published or unpublished

কাহালয় ভাতৃত प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रीयता Year and country of first publication and name, address and nationality of the publisher

அறிவுசார். बाद के प्रकाशनों के वर्ष और देश, यदि कोई हों, और प्रकाशकों के नाम, पते और राष्ट्रीयताएँ

Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers

कार्य में कॉपीराइट सहित विभिन्न अधिकारों के मालिकों के नाम, पते और राष्ट्रीयताएं और असाइनमेंट और लाइसेंस के विवरण के साथ प्रत्येक के अधिकार की सीमा, यदि कोई हो Names, addresses and nationalities of the owners of various rights

comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any

बोद्धिक सम्प 12. अन्य व्यक्तियों के नाम, पते और राष्ट्रीयताएं, यदि कोई हों, जो कॉपीराइट वाले अधिकारों को सौंपने या लाइसेंस देने के लिए अधिकृत हों Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright

> यदि कार्य एक 'कलात्मक कार्य' है, तो कार्य करने वाले व्यक्ति का नाम, पता और राष्ट्रीयता सहित मूल कार्य का स्थान। (एक वास्तुशिल्प कार्य के मामले में कार्य पूरा होने का वर्ष भी दिखाया जाना चाहिए)
> If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown).

Office, Gov14nn यदि कार्य एक 'कलात्मक कार्य' है जो किसी भी सामान या सेवाओं के संबंध : N.A. में उपयोग किया जाता है या उपयोग करने में सक्षम है, तो आवेदन में कॉपीराइट अधिनियम, 1957 की धारा 45 कीउप–धारा (प) के प्रावधान के अनुसार व्यापार चिह्न पंजीयक से प्रमाणन शामिल होना चाहिए।
If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.

भारत सरकार 15. यदि कार्य एक 'कलात्मक कार्य' है, तो क्या यह डिजाइन अधिनियम 2000 के : N.A. अंतर्गत पंजीकृत है? यदि हां, तो विवरण दें If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details.

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17. टिप्पणी, यदि कोई हो/Remarks, if any

10659/2023-CO/L डायरी संख्या/Diary Number:

> 25/04/2023 आवेदन की तिथि/Date of Application:

प्राप्ति की तिथि/Date of Receipt:

L-124824/2023

DESIGN INNOVATION CENTER , LADY IRWIN COLLEGE, UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE, NEW DELHI-110001 INDIAN

OWNER

LITERARY/ DRAMATIC WORK

ENGLISH

TASHI GUPTA , A-175/2, ASHOK <mark>VIHAR, PHASE-1, DELHI</mark>-110052 INDIAN

UNPUBLISHED

DESIGN INNOVATION CENTER, LADY IRWIN COLLEGE UNIVERSITY OF DELHI, SIKANDRA ROAD, MANDI HOUSE, NEW DELHI-110001 **INDIAN**

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	Enter the second of the country of t	DR. MAYANKA GUPTA, D2-2401, CLEO COUNTY APRIMENTS, GH 65, RANI AVANTIBAI MARG, SECTOR- 121, NOIDA, LITTAR PRADESH-201301 INDIAN
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11	वदि कृष्टि एक 'कलामक कृष्टि है, तो कृष्टि पर अधिकार रखने वाले वाले वाल जान मान पता और राष्ट्रियान वर्षित मूल कृष्टि उठ स्थान (एक वास्तुक्षित्य कृष्टि वे सावले में कृष्टि कृष्टि वेद वर्ष भी विद्याप्त काना प्रक्रिया कृष्टि (The work is an 'Artistic work, the location of the original work, including same, address and anisonality of the person in possession of the work. (In the case of an architectural work, the year of	NA JAN JANAS AND DESCRIPTION OF A STATE OF A
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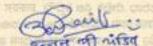
16 वहि कृति एक कारात्मक कृति है, यो विवादम वर्तिनिवार 2000 से उसत एक दिखाइन के रूप में पंत्रीकृत होने में स्टान है, तो जात कर जीवारिक प्रक्रिया के स्थान से किसी बना पर प्रमुख की गई है और मिन हो, तो इसे क्रियम करें मुख्यस्वादित किया गया है? If the work is an Artissic work, capable of being registered as a design under the Designs Act 2000, whether it has been applied to an article though an industrial process and af yes the number of firms: it is reproduced.

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- क्षण कारियों के नाम, नहें और वार्ष्ट्रीयतार, और बांड हो, जो सरितियारिकता यात अधिकारों को रामपुर्वतित करने में अनुस्तित नेने के लिए अधिका हो Nation addresses and nationalities of other persons, if any, authorized to assign or licence of rights comprising the copyright
- this क्षेत्र एक कामाना कृति में, तो कृति का अधिकार राजने वाले आति का नाम, बटा और माड्रीयता सहित सूत्र कृती का स्थान । तित्र वास्त्रशिक्य कृति के समझे हे कृति कुत्र होने तर का की दिखाया जाना पालिए। If the rook is an 'Artistac work, the location of the original work, including sense, obtains end estimatify of the person in procession of the work. In the case of an architectural work, the year of completion of the work should also be shown.
- पति पूर्वि एक कारात्मक कृति है को किसी से बात या तहाओं के लांच से उपात्मा और जाती है या उपात्रेप किए कहते से शासन है, तो आगंकर से प्रतिक्रियाचिकार अधिनिक्ता (as) की साथ as की प्रमान्याम (है हो साववान के अनुसार आगान विक्र रिकेट्स के अनुसार शासिक होना पार्टिस) If the work is an 'Article work' which is used the might being med as ribton to any goods or services, the application should include a certification from the Registrate of Tende Marks at terms of faculty as provision to Sub-Section (I) of Section 43 of the Copenghi Art, 1952.
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DESIGN INNOVATION CENTER. LADY IRWING OLLEGE UNIVERSITY OF DELHI SIKANDRA ROAD, MANDI HOUSE NEW DELHI-110003 INDIAN

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DESIGN DONOVATION CENTER LADY REWIN COLLEGE, UNIVERSITY OF DELHI SIXANDRA ROAD MANDS HOUSE, NEW DELHI-110901 DULAN

OWNER

LITERARY DRAMATIC WORK

SUSTAINABILITY AUDIT CRITERIA FOR ELECTRONIC PRODUCTS

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DR SUSHMA GOEL A2/108, MILAN VIRAR AJARTMENT 12-17 ENTENSION, DELHI-110092 DIDIAN

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DESIGN DISCOVATION CENTER, LADY IRWIN COLLEGE, UNIVERSITY OF DELHI, SICANDRA ROAD, MANDE HOUSE NEW DELIG. 1 10001. BUDIAN

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LITERARY DRAMATIC WORK

KAMAYANA BOARD GAME

DNCA HER

DR SUSHMA GOEL, A2/308, MILAN VIHAR APARTMENT 72-79 ENTENSION, DECHI-LLOSS2 DIDIAN

TASHI GUPTA : A-1750 ASHOK VIHAR PHASE-I, NEW DELHI-110052 BUDIAN

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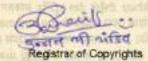
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- 11. कृति ने प्रतिनिक्तिका स्तित विभिन्न अधिकारों से स्वानिक्रों को सन् को और संदुर्गितान और सन्पुदेशन और अनुवरिक्षों के विभन्न को राज्य अधिक के अभिकार के मिलाइ सीने जोड़ हो। Names, addresses and unboundities of the courses of vacous rights comprising the copyright in the work and the extent of rights held by each, opether with particulars of assignments and licences, if any
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Design Application Details

Application Number:

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Cbr Number:

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Applicant Name:

Design Innovation Center, Lady Irwin College

Design Application Status

Application Status:

Design Accepted and Published, Journal No is 32/2023 and Journal Date is 11/08/2023

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ANNUAL REPORT 2020 - 2021 DESIGN INNOVATION CENTRE Lady Irwin College, SPOKE DICDU



Coordinator: Prof. Sushma Goel

Year of Establishment of DIC, Lady Irwin College: 2019

Design Innovation Centre (DIC) has been established under National Initiative for Design Innovation (NIDI) Scheme as a flagship programme by MHRD. It is a platform for product or process innovations for students, faculty and citizens to give ideas that can be developed as products/ processes.

1.1 TRAINING & MENTORING FOR PROJECTS (INTERNATIONAL)

1.1.1 Training on Painting & Waste Reuse for International Abilympics Competition (of a PwD candidate - hearing impaired), 12th March 2020 onwards: This training initiative focused on equipping a hearing-impaired candidate for the International Abilympics Competition. Through a comprehensive program, the mentee Chetan Pashilkar received regular and specialized training in painting techniques and waste reuse strategies, empowering him to compete on an international stage while promoting sustainability.

1.2 INTERNSHIP PROJECTS

The Internship projects spanned over a period of six months, i.e., from December 2020 to July 2021, supervised by Dr. Sushma Goel, Dr. T.G. Rupa, and Dr. Surbhi Chitkara. Six interns joined the programme for six months (Anmol Yadav, Jasmine Kaur, Samridhi Gupta, Subhangani, Shweta Thakur, and Tashi Gupta). The projects undertaken by the interns during this period were:

- Individual design incubation ideas (by each intern) aiming to explore diverse areas of interest and expertise.
- Participation in the **National ToyCathon** (a toy design competition to promote Indian art and craft), focusing on innovative toy designs based on Indian ethos and culture.

 Designing an idea to empower masses to address the issue of solid waste management in all spheres of life activities and all age groups.

Some Examples of Design Projects Undertaken:



VEGA WHEEL
Grand finalist National Toy Design Competition:
ToyCathon 2020



WASTE TO WISDOM



JANTU
National Competition: ToyCathon 2020



BAAGU

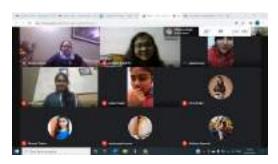
1.3 COURSES EXECUTED

1.3.1 Design for Social Sustainability

(January 16 - February 27, 2021)

- The Course 'Design for Social Sustainability' was organized by Dr. Sushma Goel, Coordinator, DIC, LIC and conducted by the expert Dr. Bindoo Ranjan, Head of National Institute of Design (NID), Delhi.
- It was organized for all students across other cities in which masters students from Rajasthan University, Jharkhand University, World University, Lady Irwin College

- Design Interns of DIC, LIC joined the course. The DIC-LIC mentors were also part of the course for its execution and interactions.
- The course aimed at designing and development of a range of products from sustainable materials and empowering the local community. Working with local craftsmen and recycled & sustainable materials have been the USP of DIC, LIC.





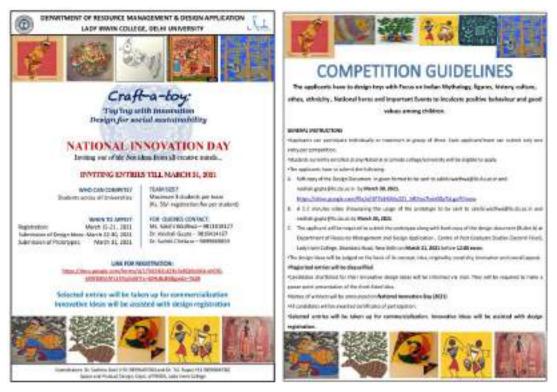
Online session and presentation by participants: Course on Design for Social Sustainability



Valedictory session of the course on 'Design for Social Sustainability'

1.4 NATIONAL INNOVATION DAY 2021: CRAFT-A-TOY COMPETITION

Annual National Innovation Day on March 31st 2017 to commemorate Dr. A.P.J Abdul Kalam's birth anniversary on 15th October. The event comprised of the online competitive event. About 24 entries were obtained and were judged for excellence. Prototypes were mostly brought by participants (during the lock down on account of Covid 19) while few were received via courier as they were from NCR.



Poster of Innovation Day 2021: Inviting entries for the competition 'craft-a-toy'

1.5 PROJECTS MENTORED UNDER DIC

Design Development (& Prototyping)

• JANTU:

It is a set of digital application (mobile apps) based board games with constant changing systems. It is based on problem statement of environment and valuing every life around us. It focuses on Indian culture and tradition through participatory learning and playing. It is sustainable approach to Indian based product upliftment and community and capacity building. It is a digital product with physical applications and value. The product has been recognized by MHRD as a ToyCathon challenge.



Concept based digital multipurpose Ecological Board Game designed for 5-11 years of age group

• VEGA WHEEL:

It is based on Indian Culture and Mythology. This game helps in learning Vedic math in easy and fun way. This toy also has three more games which will make the child to become more logical and organised. The aesthetics of game is inspired from traditional Madhubani paintings which are very attractive and could also serve as a pedagogical tool for the child to form a story with his/her own imagination. The cards also have Madhubani painted mythological figures (Lord Krishna) apart from basic drawings like tree and animals around which a story could be created and narrated.



It promotes faster calculations. Based on Indian Culture and Mythology, this toy aids in learning Vedic math in easy and fun way.

• BAAGU:

The toy caters to meet the need in Anganwadi settings through incorporation of building components as learning aids (BaLA) such as walls of a room, this toy design has multiple features and toys which are missing link in child's emotional development in contemporary India. The basic trust values can easily be incorporated through activities like role play, story narration from ancient Indian scripts which promotes positive emotional values. Other educational activities like color systems, shapes and sizes etc. relevant to the age group are also included.



Caters to meet the need in Anganwadi centers. Based on BaLa.

• BAMPULLING - PUCK IN THE RING

o BAMPULLING is a mind refreshing game made out of bamboo which could also be used as a physical stretching band. Players race each other to clear the pucks from their side of the board by catapulting them through a small hole leading to the other side (the "gate"). Any pucks that arrive on your side must be sent back before you win. Exercise has been linked



Hand-crafted stress busting game made from Bamboo.

with both better physical and mental health, including improved cardiovascular health and reduced depression. In childhood, exercise is associated with better school performance, while it promotes better cognition and job performance in young adults.

• FLORERO:



Floor level Flower Vase made composite material (Cardboard and 2mm plywood)

• HAND PACER:



The tool is relevant for people with Parkinson's disease. It helps to stabilize the hand for various operations performed by hand.

• LUNCH KA BUNCH:



It is a reusable lunch Kit with space for cutlery and water. It is made from Jute and foldable steel / silicon air tight containers.



ANNUAL REPORT 2021 - 2022 DESIGN INNOVATION CENTRE Lady Irwin College, SPOKE DICDU



Coordinator: Prof. Sushma Goel

Year of Establishment of DIC, Lady Irwin College: 2019

Design Innovation Centre (DIC) has been established under National Initiative for Design Innovation (NIDI) Scheme as a flagship programme by MHRD. It is a platform for product or process innovations for students, faculty and citizens to give ideas that can be developed as products/ processes.

1.1 TRAINING & MENTORING FOR PROJECTS (NATIONAL & INTERNATIONAL)

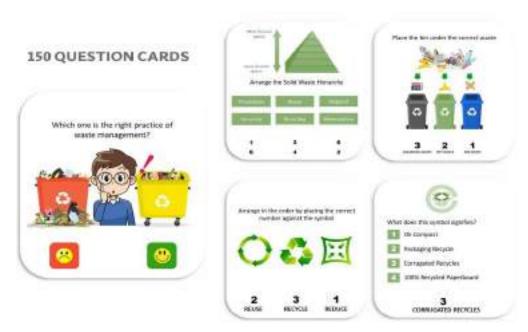
1.1.1 Training on Painting & Waste Reuse for International Abilympics Competition at Metz, France 2023 (of a PwD student - hearing impaired), (continuing from March 2020 to March 2023): This training initiative focused on equipping a hearing-impaired candidate for the International Abilympics Competition in France. Through a comprehensive program spanning from 16 March 2020 to March 2023, the mentee received specialized training in painting techniques and waste reuse strategies, empowering them to compete on an international stage while promoting sustainability.

1.1.2 Mentored master's students in designing sustainable lifestyle products from waste materials (September 2021 to March 2022): Over the course of six months, from September 2021 to March 2022, master's students received mentorship in designing sustainable lifestyle products from waste materials. This initiative aimed to instill principles of sustainability and innovation among students, encouraging them to rethink traditional approaches to product design and consumption.

1.2 INTERNSHIP PROJECTS (continuing from December 2020 to July 2021)

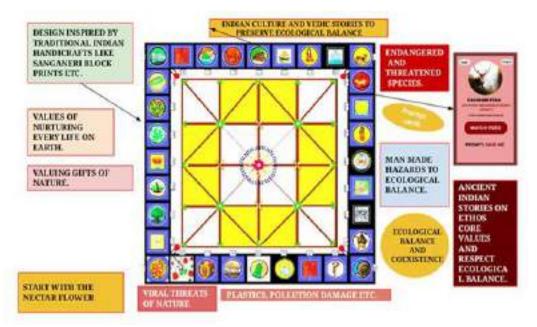
The Internship projects supervised by Dr. Sushma Goel, Dr. T.G. Rupa, and Dr. Surbhi Chitkara. During the six-months internship program, our interns (Anmol Yadav, Jasmine Kaur, Samridhi Gupta, Subhangani, Shweta Thakur, and Tashi Gupta) demonstrated remarkable creativity and innovation through a variety of impactful projects. The projects undertaken by the interns during this period were:

- Individual design incubation ideas (by each intern) aiming to explore diverse areas of interest and expertise.
- Participation in the **National ToyCathon** (a toy design competition to promote Indian art and craft), focusing on innovative toy designs based on Indian ethos and culture.
- Designing an idea to empower masses to address the issue of solid waste management in all spheres of life activities and all age groups.
- Some of the Design Projects are:



WASTE TO WISDOM: Self-correcting time-based game which enhance the learning sequence of solid waste management practices. It has 150 flash cards and MCQs This game has the potential of becoming a powerful educational tool in schools.

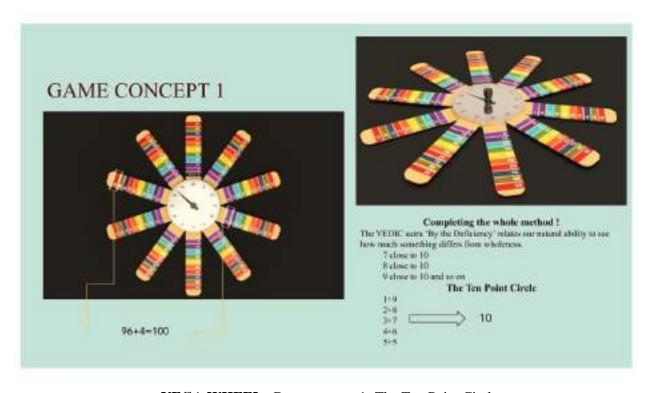
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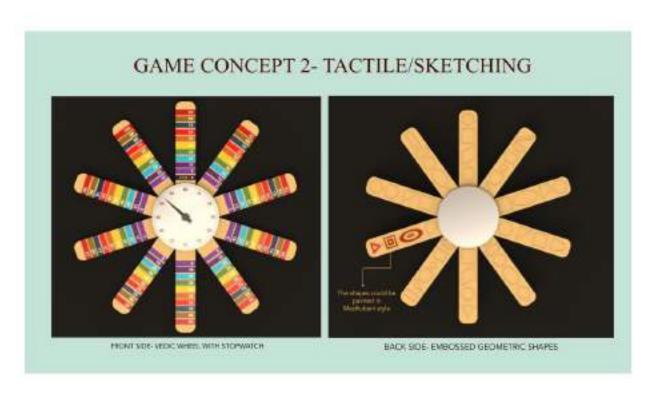
JANTU: It is a concept based digital multipurpose Ecological Board Game designed for 5-11 years of age group which focuses on Indian culture and tradition through participatory learning and playing. It is sustainable approach to Indian based product upliftment and community and capacity building.

National Competition: ToyCathon 2020

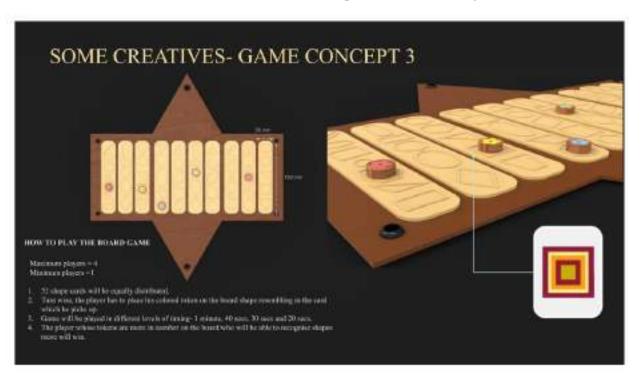
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VEGA WHEEL: Game concept 1- The Ten Point Circle



VEGA WHEEL: Game concept 2-Tactile/ Sketching



VEGA WHEEL: Game concept 3

SOME CREATIVES- GAME CONCEPT 4- CARD GAME







How to Play 7

1. 52 cards will be printed with basic figures as shown in the exemple.

2. The child can make his/her own story and narrate it.

3. The child can use 2-52 cards for making a story depending upon his/her imagination.

Flute is the divine instrument of Lord Krishna. Whenever Lord Krishna plays flute, everyone gets mesmerized and starts dancing on the tunes of flute. Even the fishes in the water are filled with jay.

VEGA WHEEL: Game concept 4- Card Game

VEGA WHEEL: Reflect Indian Culture and Mythology, aids in easy Vedic math learning. This toy also has three more games which will make the child to become more logical and organized.

Grand finalist National Toy Design Competition: ToyCathon 2020

Copyright granted

1.3 EVENTS

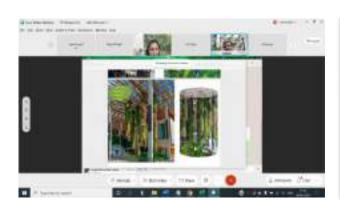
1.3.1 INTERIORSCAPING: Series of Workshops

To commemorate World Environment Day, the Design Innovation Center in collaboration with Department of Resource Management and Design Application (RMDA) at Lady Irwin College, under the aegis of IQAC, organized an 8-day National Workshop on 'Interiorscaping' on 5 June to 12 June, 2021. The workshop featured sessions on themes like miniature gardens, plantscaping, and indoor plant maintenance. Open to all age groups, the event attracted '448 participants' from across India, including school students, senior citizens, and professionals such as academicians, homemakers, architects, and entrepreneurs. The workshop schedule, resource person details, and organizing team information were shared via a poster on social media, which included a registration link for convenience.





Poster of Interiorscaping: Series of Workshops



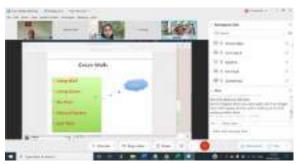
Session on 'Indoor Plantscaping' by Mr. Gaurav Bhatnagar



Live demonstration of Tray Garden by the Resource Person, Ms. Rachna Tiwari



Tray Garden demonstrated by the Resource Person, Ms. Rachna Tiwari



Session on 'Selection and Maintenance of Indoor Plants' by Ms. Rachna Jain



Session on 'Rooftop Gardening' by Dr. R.A. Kaushik

1.3.2 INNOVATION WEEK 2022: Workshops on Design and Innovation

The National Innovation Week 2022, comprising eight sessions scheduled from February 16 to 22, 2022 featured distinguished speakers in the field of design and innovation.

Notable speakers included Ms. Manisha Singh, Principal Designer at Wowfacor.in; Ms. Manjari Sharma, accomplished designer; Mr. Balvir Singh, Director of Murti Arts Academy; Mr. C.S. Sussanth, Principal Designer at NID Bangalore; Ms. Vertika Dvivedi, Founder of Wade Aisa; Mr. Amit Jain, Co-founder of Mitti ke Rang; Dr. Madhumita Puri, Founder of Avacayam & Trash to Cash; and Mr. Vivek Singh from Sagacious IP.

• The sessions covered diverse topics such as Lateral Design & Realizing Dreams, Creative Metamorphosis, Mural Arts, Innovations for Bamboo Sector in India, Design to Innovation: A Journey, Creativity vs Innovation, and Startup & IPR.





Inaugration of National Innovation Week 2022

Participants engaged in Innovation Week 2022



Session on 'Lateral Design and Realizing Dreams'



Introduction of Speaker of 'Creative Metamorphosis Session' by HOD



Introduction to Bamboo and its types grown in different regions: Session on 'Innovations in Bamboo Sector in India'

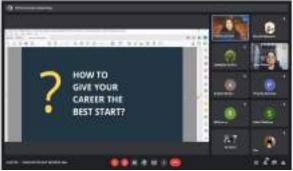


Resource Person for session 'Design to Innovation: A journey': Mr. Amit Jain, Founder of Mitti ke Rang



Session on Creativity v/s Innovation by Ms.

Madhumita Puri



Ms. Vertica Dvivedi, Resource Person, giving insights on how to give your career the best start: Session on 'Design to Innovation: A journey'



Session on IPR by Mr. Vivek Singh



Ar. Anju Kakkar giving a vote of thanks.

1.4 COURSE

1.4.1 Google SketchUp Short Course

(July 28 - August 20, 2021)

- Short term course 'Google SketchUp' (design software) was organized by Dr. Sushma Goel, Coordinator, DIC, Lady Irwin College and conducted by Ms. Lily Tandon, Architect, Interior Designer & Senior Lecturer, JS Institute of Design, New Delhi.
- It was organized for the B.Sc. (Hons & Pass) and M.Sc. (previous & final year) students of Department of Resource Management and Design Application along with the interns of DIC, LIC. Faculty members also attended the sessions. The course aimed at learning 3D modeling software, used for drawing applications like architectural, interior design and many other products. Google Sketchup software is used to create fine detailing of interior elements like furniture, doors etc.



Resource Person for Google Sketch Up: Ms. Lily Tandon



Google Sketch up assignment by students



Brochure of Google Sketch-up Course

1.5 PROJECTS MENTORED UNDER DIC

Design Development (& Prototyping)

PERIOD PADHAI - Information about Mensuration

o It is a unique and engaging educational game designed to empower girls with essential knowledge about menstrual health and hygiene. Through this game, girls learn about menstrual health through a fun game. They count to 30, and the girl who reaches 31 is named "Period." She shares a word related to menstrual health, like water or pad. This activity fosters understanding and support among girls, empowering them with essential knowledge and confidence for healthy menstruation.

BAJA BOX - PHAD STYLE PAINTING

• The game has 12 pieces of game Baja all musical instruments made on squares available in the game called as a game piece. The 12 musical instruments pieces are made in pairs, there are 6 musical instruments made identically on two cards making the total number 12 for game pieces. The game also has a brochure manual which is available digitally in the form of a QR code at the bottom of the game box. The game has a unique design



It is based on Phad style painting visuals

feature where children can learn to make these game pieces on their own with waste materials like cardboard and paper at home. The instruction manual is available printed on box or online media and social media brochure instructions are also available. The game box offers multiple activities which children can indulge in with the help of their parents, and other families.

• SHELLING - Redefining the Craft

O Brass-metal industry is an important craft from the social and economic point of view. In case of marriage, birth and other religious purposes this plays an important role and the most important part in this study is to know how this traditional industry has survived in the present market environment. Using "Thali" with Diya is difficult to hold as ergonomically, it develops pain in the wrist due to restricted posture. Also, in the thali, Diya tends to roll which may cause accidents.



Ergonomically designed Diya made from Brass Copyright Granted

MUMAL BAI RO DES - USING PUPPETS FOR INFOTAINMENT

o It is a unique gift set featuring Kathputali culture and delicious, nutritious candies. Each box represents a state, with traditional Kathputalis wearing native attire. Recipients will learn about Kathputli-making, enjoy playing with puppet pencils, and listen to traditional songs. Plus, they'll receive healthy candies like imli and dry amla candy, along with a guddi/doll made from traditional cloth and wood attached to a pencil. It offers a delightful and educational experience.



Based on tradional art and craft of Rajasthan - Kathputli. Communicates many social messages via QR code on the game.

• AKAAR - INSPIRATIONAL TANGRAM

- This game enhances logical and sequential thinking.
- Improves the story building ability.
- o Appreciate the regional art form: Warli Art.

• WASTE TO WISDOM

- It is a self-correcting time-based game which means it will have the answer which will be hidden while you answer.
- This game has the potential of becoming a powerful educational tool in schools.



Concept of the game is based on Tangram. Improves logical and sequential thinking, and develops story building ability.



It is about learning sequence of various solid waste management practices.

Design Registration Granted



ANNUAL REPORT 2022 - 2023 DESIGN INNOVATION CENTRE Lady Irwin College, SPOKE DICDU



Coordinator: Prof. Sushma Goel

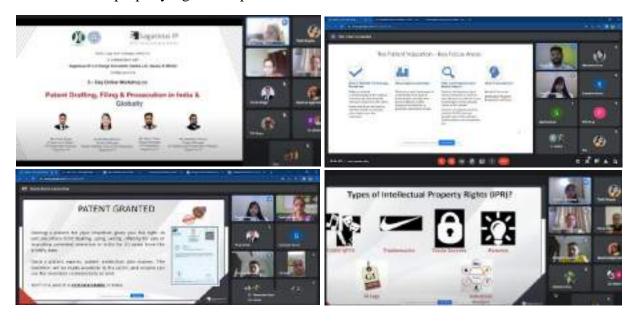
Year of Establishment of DIC, Lady Irwin College: 2019

Design Innovation Centre (DIC) has been established under National Initiative for Design Innovation (NIDI) Scheme as a flagship programme by MHRD. It is a platform for product or process innovations for students, faculty and citizens to give ideas that can be developed as products/ processes.

1.1 WORKSHOPS

1.1.1 Patent Drafting, Filing & Prosecution (29 June - 4 July 2022):

This workshop offered an intensive exploration into both global and Indian patent processes. Participants delved into effective strategies for drafting and filing patents, emphasizing clarity and precision. By focusing on practical applications and case studies, attendees gained valuable insights into navigating the complexities of patent prosecution, fostering a deeper understanding of intellectual property rights and protections.



Online Workshop on Patent Drafting, Filing & Prosecution

1.1.2 Lifestyle for Environment (17 June 2022):

Design Innovation Center in collaboration with Eco-Club Lady Irwin College, under the aegis of IQAC, organized the webinar 'Lifestyle for Environment', on 17 June 2022 to commemorate World Environment Day. Approximately 40 participants attended the workshop. The goal was to build awareness about the global initiative 'Lifestyle for the Environment – LiFE Movement' to solve the challenge faced by our planet using human-centric, collective efforts and robust action. To influence and persuade individuals, communities and organizations across the world to adopt an environment-conscious lifestyle.



Participants gaining practical knowledge and inspiration from the Lifestyle for Environment workshop

Delving into sustainable living practices, this workshop provided a comprehensive examination of ways individuals could reduce their environmental footprint. From eco-friendly consumption habits to waste reduction strategies, participants explored actionable steps towards a more sustainable lifestyle. Through interactive discussions and real-world examples, attendees gained practical knowledge and inspiration to make meaningful changes for environmental conservation.

1.1.3 Prototyping of Concepts (Jan 2023):

Offering hands-on guidance, this workshop equipped participants with the skills to transform conceptual ideas into tangible prototypes. Through practical exercises and demonstrations, attendees learned prototyping techniques and tools essential for product development. Emphasizing innovation and creativity, the workshop fostered an environment where participants could explore and refine their ideas, laying the groundwork for future innovation and entrepreneurship.

1.1.4 Paper Mache Workshop (7 Feb 2023):

This interactive session immersed participants in the traditional craft of paper Mache. From basic techniques to advanced artistic expressions, attendees explored the versatility of this age-old craft medium. Through guided instruction and hands-on practice, participants unleashed their creativity, learning to sculpt and mold Paper Mache into various forms. Beyond the artistic aspect, the workshop also delved into the historical and cultural significance of paper Mache, offering a holistic understanding of this enduring craft.





Participants doing hands-on experience and developing products from Paper Mache technique.

1.1.5 Developing Products using Fabric Waste (8 Feb 2023):

Focused on sustainable innovation, this workshop explored innovative ways to repurpose fabric waste into functional and eco-friendly products. Participants learned creative techniques for transforming discarded textiles into new materials, fostering resourcefulness and environmental stewardship. Through practical demonstrations and collaborative projects, attendees gained handson experience in product development while contributing to the circular economy. From upcycled fashion to household goods, the workshop inspired participants to rethink waste and embrace sustainable design principles.



Product developed by participants from discarded textiles.

1.2 TRAINING & MENTORING FOR PROJECTS (NATIONAL & INTERNATIONAL)

1.2.1 Training on Painting & Waste Reuse for International Abilympics Competition at Metz, France 2023 (of a PwD student - hearing impaired), (continuing from March 2020 to March 2023): This training initiative focused on equipping a hearing-impaired candidate for the Tenth International Abilympics 2023 Competition in France.



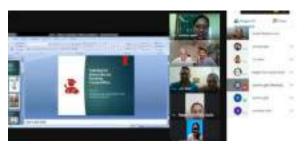
Felicitation of the Gold Medalist Chetan Pashilkar and Mentor Prof. Sushma Goel at 10th International Abilympics 2023 at Metz, France by President of India



1. Gold Medalist Mr. Chetan Pashilkar at the International Abilympics, Metz, France.



Felicitation of Mr. Chetan by the Minister of Social Justice and Empowerment



Training for International Painting Competition

Through a comprehensive program spanning from 16 March 2020 to March 2023, the mentee received specialized training in painting techniques and waste reuse strategies, empowering them to compete on an international stage while promoting sustainability. The mentee participated in the 10th International Abilympics 2023 in Metz, France on 'Painting and Waste Reuse'. This long-term engagement empowered the PwD mentee in the true sense (August 2020 to March 2023). Various activities and sessions on painting techniques and waste reuse helped the mentee to showcase their talent on a global platform, promoting inclusivity and diversity in skill-based competitions. He won Gold Medal in the for Painting and Waste Reuse Category in the Tenth International Competition 2023 and made the country proud. President of India felicitated all the winners along with their mentors on 30th March 2023. Minister of Social Justice and Empowerment also felicitated the winner and the mentor. There were felicitations by other Ministers as well.







Training for the International Abilympics France (August 2020 to March 2023)

1.2.3 Mentoring master's students for National ToyCathon Competition 2022 to design toys from waste materials (Sept 27-Nov 26 2022): This mentoring program aimed to empower master's students to innovate and create sustainable toys from waste materials for the National ToyCathon

Competition. Spanning from September 27 to November 26, 2022, the initiative provided guidance and support to participants, fostering creativity and environmental consciousness in toy design.

1.2.4 Mentoring a LLB student from Gujarat National Law university in December 2022 to January 2023): In this short-term mentoring project, an LLB student from Gujarat received guidance and support for their graduation project. Over the course of 20 hours spanning December 2022 to January 2023, the student benefited from mentorship tailored to their legal background, ensuring the successful completion of their academic endeavor.

1.3 INNOVATION WEEK 2023: Series of Workshops

To celebrate Innovation Day / Week to commemorate birth anniversary of Dr. A P J Abdul Kalam, former President of India. The Innovation Series at Lady Irwin College scheduled from 7th February - 10th February, 2023 commenced with a workshop on Paper Mache led by Dr. Madhumita Puri from Avacayam. This session focused on the process of making Paper Mache diyas, emphasizing innovation and sustainability by using recycled materials. Participants were actively engaged in hands-on activities, creating diya's and bowls from paper pulp and learning techniques to enhance durability.





Product sale organized by students

Inauguration of Innovation Week 2023

- The series continued with a **session by Ms. Bhavna Mathur**, an alumna of the college and author of "**The Fragrant Healing Earth**," who spoke about environmental issues and career opportunities in writing and environmental journalism. Students enthusiastically interacted with Ms. Mathur, asking about her journey as an author and the inspiration behind her novels.
- Another session featured Ms. Archana Puri from the Apparel Training and Design Centre,
 who discussed 'Reusing fabric waste to create innovative product'. Students were
 encouraged to brainstorm ideas and work in groups to produce innovative designs from temple
 waste fabric.
- The series concluded with a successful product sale organized by students under their startup "Genesis." This event highlighted the entrepreneurial spirit and creativity of the students, with a diverse range of products attracting faculty, students, and staff to support their venture. The Innovation Series effectively fostered learning, creativity, and sustainability within the college community.

1.4 COPYRIGHTS/ DESIGN REGISTRATIONS (Certificates awarded)

1.4.1 Intellectual Property Rights (Copyright)

• Jantu

- Jantu is a concept based digital multipurpose toy designed for 5-11 years of age group but is enjoyable for all age groups. The main ideology behind this game is to shift the focus of children to an ethnic value generation mode of edutainment products.
- The product has been recognized by MHRD as a ToyCathon challenge made under kind guidance of DIC MENTOR: Dr. Sushma Goel.



Waste to Wisdom

- The game is about learning sequences of various solid waste management practices. Through this game, the child will learn various facts and Do's and Don'ts about solid waste management.
- It is a self-correcting time-based game which means it will have the answer which will be hidden while you answer. This is how the game will enhance the cognitive skills in children. Sequencing can be communicated in various ways, using words, pictures, music, and objects, for example. Practicing sequencing



with your child using various tools and modalities can advance his or her skills and engagement in learning.

• Vega Wheel

- Compared to the conventional addition methods (line method, dot method, adding on fingers etc.), VEGA WHEEL will promote faster calculations. Such pedagogical tools (based on Vedic math) don't exist in the market which makes it different from existing pedagogical games. The VEGA WHEEL is a physical toy which includes four different types of pedagogical games
- The product has been recognized by MHRD as a ToyCathon challenge been made under kind guidance of DIC MENTOR: Dr. Sushma Goel



• Bagu

- The toy caters to meet the need in Anganwadi settings through incorporation of building components as learning aids (BaLA) such as walls of a room, this toy design has multiple features and toys which are missing link in child's emotional development in contemporary India. The basic trust values can easily be incorporated through activities like role play, story narration from ancient Indian scripts which promotes positive emotional values. Other educational activities like color systems, shapes and sizes etc. relevant to the age group are also included.
- The product has been recognized by MHRD as a ToyCathon challenge been made under kind guidance of DIC MENTOR: Dr. Sushma Goel



1.4.2 Intellectual Property Rights (Design Registration)

- Vendor's Cart (April-May, 2022)
- Worship Lamp (April-May, 2022)
- Solar Charpai (in process) (April-May, 2022)

1.5 PROJECTS MENTORED UNDER DIC

1.5.1 Incubation of Design Ideas

- **Graduation Project** of a M. Des. Industrial Design student Ms. Tashi Gupta (WUS University) (*January–May* 2022)
- **Post-Graduation masters project** of Anmol Yadav (*April 2022 onwards*)
- Training on Painting & Waste Reuse for International Abilympics Competition at Metz, France 2023 (of a PwD student - hearing impaired) (An Incubation Project)
- SUP Alternatives (April 2022 onwards)
- **Toys/Games** (April 2022 onwards)
 - o Ramayana Board Game (An Incubation Project)
 - o Green Platter: Leaf plate Project (An Incubation Project)

- o Shabdakhel (An Incubation Project)
- o Letter-Platter (An Incubation Project)
- Circular Approach to Design (April 2022 onwards)
 - An Approach to Stubble Waste Management (An Incubation Project for Partial fulfilment of M.Des, WUS)
 - o Composites Rotating Pen Stand & Multi-Purpose Holder (An Incubation Project)



ANNUAL REPORT 2023 - 2024 DESIGN INNOVATION CENTRE Lady Irwin College, SPOKE DICDU



Coordinator: Prof. Sushma Goel

Year of Establishment of DIC, Lady Irwin College: 2019

Design Innovation Centre (DIC) has been established under National Initiative for Design Innovation (NIDI) Scheme as a flagship programme by MHRD. It is a platform for product or process innovations for students, faculty and citizens to give ideas that can be developed as products/ processes.

1.1 INNOVATION WEEK 2024 (5th -18th March, 2024)

1.1.1 Inaugural Session (5th March, 2024):

The series began with a lamp lighting ceremony and speeches by distinguished guests like Prof. Anupa Siddhu, Prof. Sushma Goel, Dr. Sushma Sharma, and Mr. Byju Kurian. They highlighted the importance of innovation, sustainability, and CSR initiatives.



The inaugural session in progress depicting lamp lighting, address by Prof. Anupa Siddhu, Director of Lady Irwin College, and our esteemed guests

Session 1

Artificial Intelligence in Design: Dr. Saurabh Tiwari discussed AI's transformative potential, followed by a panel discussion on AI's applications and ethical considerations moderated by Prof. Sushma Goel.



The session on Artificial Intelligence in progress moderated by Prof. Sushma Goel, Founder of the Innovation Series and Vice-Principal, Lady Irwin College

Session 2

Leaf Plate Making Workshop: The DIC team: Ms. Pallavi Dheer and Ms. Ayushi conducted a hands-on workshop on making eco-friendly disposable plates from leaves, emphasizing sustainability.



Leaf plate making session in progress conducted by the DIC team

1.1.2 Workshop on Product Development from Waste Material (6th March, 2024):

Participants learned to create vases from waste cardboard and egg trays, promoting recycling and creativity.



Students actively engaged in developing vases using cardboard and egg crate

1.1.3 Workshop on Compost Making (7th March, 2024):

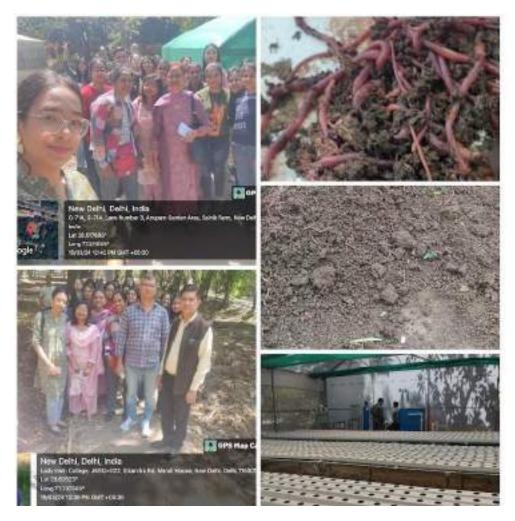
Dr. Radha Goyal conducted a workshop addressing waste management issues and educating participants on composting techniques.



Dr. Radha Goyal, Deputy Director, IPCA conducting a session on compost making

1.1.4 Visit to Hauz Rani Nursery (15th March, 2024):

Students attended a workshop on vermicomposting and learned about organic composting methods along with plant health and farming techniques.



Students, Faculty and DIC team at the Houz Rani Nursery for a workshop on vermicomposting

1.1.5 Sale of Products (18th March, 2024):

The series concluded with a successful sale of products made by RMDA students under their startup "Genesis" and products from the Design Innovation Centre (DIC), showcasing the practical outcomes of the series.



Inauguration of product sale by Prof. Anupa Siddhu, Director, Lady Irwin College and the student and DIC team manning the stalls

The Innovation Series covered a diverse range of topics including AI, sustainable product development, waste management, and organic farming. It effectively engaged students and participants in hands-on experiences while promoting innovation, sustainability, and entrepreneurship.

1.2 COPYRIGHTS/ DESIGN REGISTRATIONS (Certificated)

1.2.1 Intellectual Property Rights (Copyright)

Shabdkhel

- o The game is a contemporary version of the Indian Traditional Game, 'Tic Tac Toe' popularly called 'zero-katta'.
- o USP
- It is a multi-purpose product.
- It is used as a game as well as a storage bag.
- It promotes language & cognitive development.
- This product will promote traditional gond art.
- It is a lightweight material and easy to carry.
- It is an eco-friendly product as the bag is refurbished and letters are made of composite materials.



• Letter Platter

- O This game was inspired by Cryptex from the novel "The Da Vinci Code" which is a riddle-based locked container. It is also inspired by the toy stacking ring toss.
- o This toy is best suited for children aged 4-6 but people of all ages can play with it. Anganwadi centers, daycare centers, etc. This toy can also be made more complex according to age and also people with Alzheimer's disease can also play this game as it stimulates the brain.



• Ramayana Board Game

The game will help everyone understand why the environment is important and provides them with the building blocks they need to live eco- friendly and sustainable lives. It will also improve their social and cognitive skills.



• Framework for evaluating care institutions for Elderly



• Sustainability Audit Criteria for Electronic Products



1.2.2 Intellectual Property Rights (Design Registration)

• Worship Lamp (4-Sep-2023)



Worship Lamp
(Design Registration)

1.3 SENSITIZATION PROGRAMMES

1.3.1 Visit to Aatmanirbhar Bharat Centre For Design, Red Fort

Date: 16 January 2024

Venue: Aatmanirbhar Bharat Centre For Design

आदिमाना अलने मेशून वर्णादुवाप प आत्मिनिष मारत सेंटर फोर डिजाइन Aatmanirthar Bharat Centre for Design

Introduction:

We had the privilege of attending the Indian Craft Exhibition at the Aatmanirbhar Bharat Centre For Design, which showcased the rich tapestry of traditional crafts from various regions of India. The exhibition aimed to celebrate and promote indigenous craftsmanship, fostering a sense of pride and self-sufficiency in the artisan community.

Overview of Aatmanirbhar Bharat Centre For Design:

The Aatmanirbhar Bharat Centre For Design served as an ideal venue for this exhibition. Located in L1 Barrack, Red Fort, Delhi, the center is a hub for promoting traditional arts and crafts, emphasizing the importance of self-reliance in design and craftsmanship.

Exhibition Layout:

The exhibition was meticulously organized, with different sections dedicated to various forms of traditional Indian crafts. These included handloom textiles, pottery, woodwork, metalwork, and more. Each section provided a unique insight into the cultural and artistic diversity of India.

Highlights of the Exhibition:

1. <u>Indigenous Toys and Games:</u>

A section was dedicated to indigenous toys and games which not only celebrated the playfulness of Indian culture but also showcased the unique craftsmanship involved in creating these items.

2. <u>Textiles and Weaving</u>:

The textile section showcased a stunning array of handwoven fabrics, including sarees, shawls, and garments.

3. Wood and Metal Crafts:

The woodwork and metalwork sections displayed exquisite examples of craftsmanship. Intricately carved wooden furniture and metal artifacts demonstrated the fusion of tradition and innovation in contemporary designs.

4. Products with Geographical Indications:

A dedicated segment showcased products such as handicrafts, textiles, and food items with officially recognized Geographical Indications. This section emphasized the cultural and economic significance of preserving and promoting these unique regional products.

5. <u>Paper Mâché Artistry</u>:

A special highlight was the intricate art of paper mâché, with artisans showcasing sculptures, masks, and decorative items. This segment celebrated the versatility of this traditional craft and its unique place in the cultural heritage of India.

6. Materials Designed from Nature and Waste:

This section showcased innovative creations crafted from natural and recycled materials, emphasizing products tied to specific regions through Geographical Indications.







The Indian Craft Exhibition at the Aatmanirbhar Bharat Centre For Design, Red Fort







Craft Incubation Project showcasing various craft forms

Impact and Significance:

The Indian Craft Exhibition at the Aatmanirbhar Bharat Centre For Design played a pivotal role in promoting and preserving traditional crafts. By providing a platform for artisans to showcase their skills, the exhibition contributed to the economic empowerment of local communities and highlighted the importance of supporting indigenous craftsmanship.

Conclusion:

In conclusion, the Indian Craft Exhibition at the Aatmanirbhar Bharat Centre For Design was a captivating experience that showcased the vibrant heritage of Indian crafts. The event successfully achieved its objective of promoting self-reliance and celebrating the artistic talents of the nation. Such initiatives are crucial in preserving our cultural identity and ensuring the sustainability of traditional crafts for future generations.

1.3.2 Visit to Aadi Mahotsav, Major Dhyanchand Stadium

Date of Visit: 13 February

Venue: Major Dhyanchand Stadium

Introduction

The Aadi Mahotsav, also known as the National Tribal Festival, is an annual event that showcases the rich cultural heritage, art, crafts, and cuisine of India's tribal communities.

On 13 February 2024, a group of design students accompanied by Senior Design Fellows visited the Aadi Mahotsav held at Major Dhyan Chand Stadium, Delhi. It was organized by TRIFED (Tribal Cooperative Marketing Development Federation of India) under the Ministry of Tribal Affairs.



Aadi Mahotsav National Tribal Festival at Major Dhyanchand Stadium

Purpose of Visit

The primary objective of our visit was to expose students to the diverse tribal cultures and crafts of India, which could serve as inspiration for their upcoming design projects. We aimed to provide students with firsthand insights into traditional art forms, craft techniques, and indigenous knowledge systems.

Event Overview

The Aadi Mahotsav at Major Dhyan Chand Stadium was a bustling hub of activity, with colorful stalls set up by artisans from various tribal communities across India. The atmosphere was lively, with traditional music and dance performances adding to the festive ambiance.

Key Highlights

1. Craftsmanship in Wood and Bamboo:

Students witnessed demonstrations of wood and bamboo craft, observing artisans carve out exquisite utility and decorative items. They learned about the sustainable use of these materials and their role in tribal lifestyles, inspiring them to explore innovative approaches in product design.

2. Tribal Jewelry and Metalwork:

Students were fascinated by the traditional jewelry displayed at the event, crafted using unique metalwork techniques. They engaged with artisans to understand the cultural symbolism behind tribal ornaments, sparking ideas for contemporary jewelry design rooted in tribal heritage.

3. Pottery and Ceramics:

The visit included interactions with potters from different tribal communities, showcasing diverse pottery styles and clay artworks. Students learned about firing methods, traditional designs, and the spiritual significance of pottery in tribal rituals, igniting their interest in ceramic artistry.

4. Painting and Art Forms:

Indigenous painting styles such as Warli, Gond, and Madhubani caught the attention of students, who explored the narrative elements and artistic expressions embedded in these tribal art forms. They appreciated the use of organic pigments and storytelling through visuals.

5. Culinary Traditions:

Students savored authentic tribal cuisines, discovering unique flavors and cooking techniques. They gained insights into the culinary heritage of different tribes, which influenced discussions on food aesthetics and cultural identity in design.

Key Learnings:

- **1. Traditional Techniques:** We gained valuable insights into the traditional techniques and craftsmanship employed by tribal artisans, such as intricate weaving patterns, natural dyeing methods, and sustainable practices.
- **2. Cultural Preservation:** The event highlighted the importance of preserving and promoting India's tribal heritage, which is often marginalized and underrepresented in mainstream society. Through their art and craft, tribal communities are able to celebrate their cultural identity and generate sustainable livelihoods.
- **3. Inspiration for Design:** As design students, we were inspired by the creativity, craftsmanship, and attention to detail exhibited by tribal artisans. The Aadi Mahotsav served as a rich source of inspiration for our own design projects, encouraging us to explore traditional techniques and incorporate cultural motifs into our work.

Conclusion

The visit to Aadi Mahotsav was a transformative experience for the students, fostering creativity, cultural awareness, and ethical design thinking. It enabled them to explore a spectrum of design possibilities rooted in India's rich tribal heritage. We extend our gratitude to TRIFED for organizing such an enriching event and look forward to integrating these learnings into our design curriculum.

Recommendations

We recommend incorporating more experiential learning visits to events like Aadi Mahotsav into our academic programs. These engagements offer students valuable insights into sustainable design, cultural diversity, and community empowerment through design. By nurturing these experiences, we aim to cultivate socially responsible designers who honor and promote indigenous knowledge systems.



Stalls set up by artisans from various tribal communities across India

1.3.3 Visit to Gondwana Art Exhibition, Bikaner House

Date of Visit: January 28, 2024

Introduction

On January 28, 2024, our group had the pleasure of visiting the Gondwana Project exhibition at Bikaner House, New Delhi. The Gondwana Project is a unique initiative showcasing tribal art from Central India and Australia's First Nations, aimed at celebrating indigenous cultures and fostering cross-cultural appreciation.

Purpose of Visit

The purpose of our visit was to explore the artistic expressions of indigenous communities from Central India and Australia, as presented through the Gondwana Project exhibition. We aimed to gain insights into the diverse traditions, stories, and techniques behind tribal art and understand the cultural significance embedded in these artworks.

Exhibition Overview

The exhibition at Bikaner House featured a captivating display of artworks representing tribal communities from Central India and Australia. The curated collection included paintings, sculptures, textiles, and mixed-media installations, providing a comprehensive overview of indigenous creativity and heritage.







Gondwana Art Exhibition: display of artworks representing tribal communities from Central India and Australia

Key Highlights

- 1. Tribal Art from Central India: The exhibition showcased stunning artworks by tribal artists from Central India, including Gond, Bhil, Baiga, and other communities. The paintings were characterized by intricate patterns, vibrant colors, and depictions of nature, mythology, and daily life. The use of traditional techniques like dots and lines added depth and texture to the artworks.
- 2. Art of Australia's First Nations: Alongside the Central Indian tribal art, the exhibition featured artworks by Aboriginal and Torres Strait Islander artists from Australia. The artworks displayed unique styles such as dot painting and bark painting, illustrating stories of connection to land, spiritual beliefs, and cultural identity. Each piece carried profound meanings rooted in indigenous traditions.
- 3. Cultural Exchange and Dialogues: The juxtaposition of artworks from Central India and Australia allowed for meaningful cross-cultural dialogues. Visitors had the opportunity to appreciate similarities and differences in artistic styles, symbolism, and themes across continents, fostering a deeper understanding of indigenous cultures.
- 4. Interactive Sessions: The exhibition also offered interactive sessions where visitors could engage with indigenous artists, learn about their techniques, and gain insights into the cultural contexts of their artworks. This interactive experience enriched our understanding of the artistic process and the significance of storytelling in indigenous art.





Interaction with the Notable speaker Sarrita King at the Gondwana Art Exhibition, Bikaner House

Insights and Learnings

Our visit to the Gondwana Project exhibition was a transformative experience. We gained profound insights into the resilience, creativity, and cultural richness of indigenous communities from Central India and Australia. The artworks served as powerful mediums for preserving and sharing indigenous knowledge and perspectives.

Conclusion

The Gondwana Project exhibition at Bikaner House was a testament to the universal language of art and the importance of honoring indigenous cultures. It highlighted the interconnectedness of diverse tribal traditions and emphasized the need for cross-cultural exchanges to promote mutual respect and appreciation.

1.3.4 Visit to Purple Event, Rashtrapati Bhawan



Stall setup by Sarthak Trust at the 'Purple Fest' Event, Rashtrapati Bhawan

Title: The 'Purple Fest' Event

Date of Event: 26 February, 2024

Introduction

On 26 February, 2024, our group had the opportunity to attend the 'Purple Fest', organized by the Ministry of Social Justice and Empowerment, Government of India. This festival aimed to celebrate the achievements and talents of persons with disabilities (PWDs) and promote their integration into mainstream society. Various NGOs, including the Sarthak Trust Foundation, participated by showcasing the creative work of PWDs in different domains.

Purpose of Visit

Our visit to the 'Purple Fest' was intended to explore and appreciate the artistic and innovative contributions of persons with disabilities. Specifically, our focus was on understanding how design and development by PWDs can break barriers and highlight their capabilities in various creative fields.

Event Overview

The 'Purple Fest' was a vibrant and inclusive event held at Rashtrapati Bhawan featuring stalls from multiple NGOs and organizations working with PWDs across India. Each stall displayed a diverse range of products and services crafted by individuals with disabilities, showcasing their skills, talents, and entrepreneurial spirit. The atmosphere was inspiring, with live performances, interactive sessions, and engaging displays.

Key Highlights

- 1. Sarthak Trust Foundation Stall: We were drawn to the stall hosted by the Sarthak Trust Foundation. This stall presented an array of artworks, handicrafts, and innovative products designed and developed by persons with disabilities. We interacted with the talented individuals behind these creations, gaining insights into their creative processes and personal stories.
- 2. Art and Handicrafts: The event featured captivating displays of paintings, sculptures, pottery, and other handcrafted items crafted by PWDs. Each piece reflected unique perspectives and artistic expressions, challenging stereotypes and celebrating diversity.
- 3. Innovative Products: PWDs showcased innovative products such as eco-friendly bags, home decor items, fashion accessories, and technological innovations. These products highlighted the ingenuity and adaptability of PWDs in designing solutions that cater to diverse needs.
- 4. Interactive Workshops: Visitors had the opportunity to participate in interactive workshops conducted by PWDs, demonstrating skills in painting, craft-making, and digital art. These workshops encouraged creativity and fostered inclusive learning environments.

5. Cultural Performances: The event also featured captivating cultural performances by PWDs, including dance, music, and theater. These performances not only entertained but also challenged preconceived notions about disability and showcased the talents of individuals with diverse abilities.

Insights and Learnings

Our experience at the 'Purple Fest' was enriching and enlightening. We gained a profound appreciation for the creativity, resilience, and entrepreneurial spirit of persons with disabilities. Witnessing their innovative designs and artworks firsthand inspired us to recognize and support inclusive practices in design and development.

Conclusion

- The 'Purple Fest' served as a testament to the limitless potential of persons with disabilities in the creative and entrepreneurial spheres. It emphasized the importance of promoting inclusive design and providing platforms for PWDs to showcase their talents and contributions. We extend our gratitude to the Ministry of Social Justice and Empowerment and the Sarthak Trust Foundation for organizing such an impactful event.
- This report highlights the significance of the 'Purple Fest' event, focusing on the empowerment and creative achievements of persons with disabilities in the field of design and development.





ROSHNI-Centre of Women Collectives led Social Action Department of Development Communication and Extension Lady Irwin College, New Delhi

REPORT | January to December 2022

About ROSHNI-CWCSA:

Housed at the Department of Development Communication and Extension at Lady Irwin College, New Delhi, the Centre serves as a technical and knowledge management support unit to DAY-NRLM. It works as a knowledge and capacity building hub for scaling-up DAY-NRLM's Dashasutra Strategy and it's committed activities under the POSHAN Abhiyan 2018-2022.

Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM) has initiated social development interventions aimed at improving food security, health, hygiene and the nutrition status of Self Help Group (SHG) members and their families under its *Dashasutra* strategy.

ROSHNI – Centre of Women Collectives led Social Action, is set up with this very vision to take forward DAY-NRLM's mandate to empower women collectives, and equip them to lead social action on food, nutrition, health, WASH (FNHW) and gender interventions. We seek to enable women to transform their own lives holistically, through health and social development. Following are our mandates:

- ☐ Technical assistance to Deendalay Antodaya Yojana National Rural Livelihoods Mission for Food, Nutrition, Health, WASH and Gender interventions
- Programme support to Swabhimaan research programme
- ☐ Knowledge Management, Research, Advocacy
- Technical support for strengthening gender transformative interventions and testing newer interventions

Technical support:

- ☐ Strategy development, training, capacity building, rollout support, monitoring and review with States and Union Territories
- Technical support to 12 SRLMS in Punjab, Manipur, Telangana, Goa, Meghalaya, Sikkim, Himachal Pradesh, Uttarakhand, Odisha, Assam, Chhattisgarh and Bihar for FNHW and Gender focusing on intensive strategy implementation, capacity building

at all levels, development of immersion sites, monitoring and review, convergence and implementation of innovation projects. Development of resource materials package for interventions on Food, Nutrition, Health and WASH to be used by Women Collectives and their institutions to promote behaviour change, improve uptake of services and foster collective action for improving maternal, child and adolescent health and nutrition outcomes. Strengthening monitoring and review systems of Ministry's programmes around Food, Nutrition, Health, WASH and Gender Support to Evaluation Consortium of Swabhimaan programme (demonstration pilot by DAY-NRLM, MoRD and UNICEF) Testing strategies of gender transformative interventions such as engaging families to improve overall wellbeing, nutrition and health outcomes for women and girls **Events organized:** DAY-NRLM's 1st National Campaign against gender-based discrimination, "Nayi Chetna: Pahal Badlav Ki", launched by Shri Giriraj Singh Minister of Rural Development & Panchayati Raj on the 25th November 2022. This was a month-long campaign from 25th November to 23rd December 2022 celebrated across 34 States and UTs. DAY-NRLM's 1st National discourse on FNHW organised with its partners to facilitate exchange learning of implementation of FNHW activities focusing on "Leveraging DAY-NRLM's Women Collectives for strengthening Health Seeking Behaviour among SHG households for improved health outcomes". All 34 States and UTs participated with SHG leaders and CEOs of Meghalaya, Tamil Nadu and Odisha as well as line ministries representatives of Health and Family Welfare and AYUSH. DAY-NRLM's 3rd Gender Samvaad organised on "Promotion of Household level food and Nutrition Security through Women's collectives" with SRLMs including: Bihar, Chhattisgarh and Maharashtra and representatives of NITI Aayog, Women and Child Development, National Commission of Women, and IFPRI. ☐ Six-day training organised for National level Trainers on "Enhancing Mental Health and Decreasing Gender Disadvantage for adolescent girls, pregnant women, mothers and child nutrition through community-led gender transformative psychosocial interventions", co-designed by), UNICEF India, National Institute of Mental Health and Neurosciences (Bengaluru), ROSHNI-CWCSA, Institute of Economic Growth (New Delhi, International Institute of Population Sciences (Mumbai) and ARMMAN (Mumbai).

☐ Four-day 'National Training of Trainers programme on Mainstreaming FNHW and Operational Strategy' at National Institute of Rural Development and Panchayati Raj

Outreach activities:

(NIRDPR), Hyderabad.

- Gender Mainstreaming workshop held in NIRD, Guwahati. Sessions on gender integration were facilitated and the experiences of the gender for FNHW work done in Bastar were illustrated to the DPMs and BPMs from 4 North Eastern States-Nagaland, Sikkim, Meghalaya, and Manipur.
- ☐ Training of Trainers on "Gender integration under DAY-NRLM" organised at NIRD, Hyderabad.
- Meeting Module for gender transformative interventions for nutrition tested and finalized. 120 CRPs in Bastar trained on the module for rollout in field. A set of 10 e-tutorial videos for training gender transformative interventions was developed. 104 VOs in 4 CLFs of Bastar Block have completed till Session no. 12 from the Gender for FNHW module in Bastar. Monthly progress reports are being collated from the Master trainers to consolidate the progress.

Publications:

- ☐ FNHW Best Practices for the compendium "Moving Towards Suposhit Bharat: Initiatives for Food Nutrition Health and WASH (FNHW) by DAY-NRLM" was released covering four pillars for of DAY-NRLM's operational strategy for FNHW; i)System Strengthening ii) Social Behaviour Change Communication iii) Convergence and iv) Nutri-based Enterprises.
 - (Citation: Moving Towards SUPOSHIT BHARAT: Initiatives For Food Nutrition Health and WASH (FNHW) by DAY-NRLM. (2022).)
- Scoping review on Gender Transformative interventions for perinatal mental health.
 Great collaboration with NIMHANS, UNICEF
- Study conducted to assess mental health and wellbeing of adolescent girls in Bastar, Chhattisgarh with NIMHANS, IIPS and UNICEF India.



