



**GOVERNMENT HOME SCIENCE COLLEGE
SECTOR-10, CHANDIGARH**

NAAC ACCREDITED GRADE 'A'

NIRF INDIA RANKINGS 2022 by Ministry of Education, GOI : 46th



3rd Cycle

Assessment & Accreditation by NAAC

CRITERION-VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT



CRITERION 6

KEY INDICATOR- Internal Quality Assurance System

METRIC 6.5.1

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

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1. RESEARCH INITIATIVES

The College is an Approved Research Centre for Ph.D. in the subject of Home Science. Following infrastructure and facilities-

- MOUS and Collaborations: [link – https://homescience10.ac.in/mou-s](https://homescience10.ac.in/mou-s)
- Dissertations : **Link** <https://homescience10.ac.in/internships-and-dissertation>
- Multimedia Research Block: **Link** - <https://homescience10.ac.in/research-centre>
- Enrolment in Ph.D.
- Patents

Enrolment in Ph.D

2017-18

Sr. No.	Name of Candidate	Registration No.	Enrollment Number	Date of Joining	Department
1	Mrs. Neelam Kumari	2017-EZ-105	17-18/6/Ph.D./R&S	28/03/2017	Human Development Resource Management
2	Ms. Fariba Farhoud	2016-EZ-81	16/78/Ph.D.	11/04/2016	Foods and Nutrition

2018-19

Sr. No.	Name of Candidate	Enrolment Number	Registration Number	Department	Date of Joining	Supervisor
1	Ms. Saloni Jain	18-19/224/Ph.D	09-HC-14	Foods and Nutrition	Date of Joining	Dr. Ritu Pradhan
3	Mrs. Nupur Bhatnagar	18-19/232/Ph.D	04-HC-73	HDFR	13.08.2018	Dr. Neha Sharma
4	Ms. Preeti	18-19/223/Ph.D	2012-HC-134	HDFR	13.08.2018	Prof. Sudha Katyal & Dr. Neha Sharma
5	Ms. Bharti Goel	18-19/227/Ph.D.8411	15-HC-157	Foods and Nutrition	13.08.2018	Dr. Sapna Nanda
6	Ms. Urvashi Khanna	18-19/231/Ph.D	12-HC-64	HDFR	13.08.2018	Prof. Sudha Katyal & Dr. Neha Sharma
7	Mrs. Pratibha Chandel	18-19/229/Ph.D	2002-HC-74	Clothin & Textiles	13.08.2018	Dr. Sangeeta Bansal

8	Ms. Kakul Tiwari	18-19/225/Ph.D 8533	14-HC-11	HDFR	13.08.2018	Dr. Ravneet Chawla
9	Mrs. Heena Narang	18-19/228/Ph.D	07-HC-132	Clothing & Textiles	13.08.2018	Dr. Sangeeta Bansal
10	Mrs. Manpreet Kaur	18-19/230/Ph.D	04-HC-65	Clothing & Textiles	13.08.2018	Dr. Sangeeta Bansal
11	Ms. Preetika	18-19/233/Ph.D	207-HC-58	HDFR	13.08.2018	Dr. Ravneet Chawla
12	Ms. Puja Aggarwal	18-19/234/Ph.D/R&S	2018-EZ-152	HDFR	13.08.2018	Dr. Ravneet Chawla


2019-20


Name of Candidate	Registration Number	Enrolment Number	Department	Date of Joining	Supervisor
Ms. Akshata Verma	2019-EZ-229	19-20/483/Ph.D/R&S	Family Resource Management	24/09/2019	Dr. Rupinder Ghumman
Ms. Manisha Khullar	2019-EZ-203	19-20/474/Ph.D/R&S	Clothing & Textiles	24/09/2019	Dr. Sangeeta Bansal
Ms. Isha	09-HC-41	19-20/481/Ph.D/R&S	Foods & Nutrition	22/01/2020	Dr. Uttara Singh
Ms. Saloni Joshi	26716000204	19-20/473/Ph.D/R&S	Foods & Nutrition	24/09/2019	Dr. Ritu Pradhan
Ms. Anant Brar	26716000181	19-20/480/Ph.D/R&S	Human Development and Family Relations	24/09/2019	Dr. Reetinder Brar
Ms. Bineet Kaur	2013-HC-114	19-20/482/Ph.D/R&S	Foods & Nutrition	24/09/2019	Dr. Uttara Singh
Ms. Reeya Kapoor	15-HC-155		Foods & Nutrition	24/09/2019	Dr. Uttara Singh
Ms. Tania Sharma	13-HC-2	19-20/479/Ph.D/R&S	Clothing & Textiles	24/09/2019	Dr. Sonia
Ms. Rashi Garg	13-HC-4	19-20/478/Ph.D/R&S	Clothing & Textiles	24/09/2019	Dr. Sonia
Ms. Mani Khera	99-HC-130	19-20/477/Ph.D/R&S	Clothing & Textiles	24/09/2019	Dr. Sangeeta Bansal

2020-21

Sr. No.	Name of Candidate	Registration Number	Enrolment Number	Department	Date of Joining	Supervisor
1	Preeti Shrama	2012-HC-126	21-22/136/Ph.D/R&S	Foods and Nutrition	19-08-2021	Dr. Ritu Pradhan
2	Nandini Soni	2021-EZ-69	21-22/135/Ph.D/R&S	Clothing & Textiles	18-05-2021	Dr. Sonia
3	Shakti Shrama	2020-EZ-142	20-21/437/Ph.D/R&S	HDFR	11-01-2021	Dr. Dhrakshayani
4	Sanchi Arora	2014-HC-113	20-21/438/Ph.D/R&S	Foods and Nutrition	11-01-2021	Dr. Ritu Pradhan
5	Vanika	2021-EZ-102	21-22/134/P.D709/R&S	HDFR	25-08-2021	Dr. Dhrakshayani
6	Vishakha	2021-EZ-77	21-22/151/Ph.D7907/R&S	Cothing & Textiles	13-10-2021	Dr. Sonia


- Patents





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

क्रमांक : 011146273
SL No :



पेटेंट सं. / Patent No. : 396150


आवेदन सं. / Application No. : 201711039578

फाइल करने की तारीख / Date of Filing : 07/11/2017


पेटेंटे / Patentee : CENTER OF INNOVATIVE AND APPLIED BIOPROCESSING

प्रमाणित किया जाता है कि पेटेंट को, उपरोक्त आवेदन में ब्यापारकृतित DEVELOPMENT OF NUTRITIONAL WHEY-BASED SWEET LIME BEVERAGE (WHEY-LIME) USING HIGH PRESSURE PROCESSING नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख नवम्बर 2017 के सातवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।


It is hereby certified that a patent has been granted to the patentee for an invention entitled DEVELOPMENT OF NUTRITIONAL WHEY-BASED SWEET LIME BEVERAGE (WHEY-LIME) USING HIGH PRESSURE PROCESSING as disclosed in the above mentioned application for the term of 20 years from the 7th day of November 2017 in accordance with the provisions of the Patents Act, 1970.




INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

अग्रिम की तारीख : 04/05/2022

 Controller of Patent

ध्यान - इस पेटेंट के नवीकरण के लिए वार्षिक, प्रति इसे बनाए रखा जाता है, नवम्बर 2019 में सातवें दिन को और उसके पचास प्रत्येक वर्ष में अठारह दिन को।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 7th day of November 2019 and on the same day in every year thereafter.



Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India




Application Details

APPLICATION NUMBER	202011037941
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/09/2020
APPLICANT NAME	Dr Vasudha Bansal
TITLE OF INVENTION	A PRESSURE PROCESSED NUTRITIONALLY FORTIFIED VITAMIN D KIMY WHEY BEVERAGE COMPOSITION
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	prstudio11@gmail.com
ADDITIONAL-E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	03/09/2020
PUBLICATION DATE (US 11A)	25/09/2020

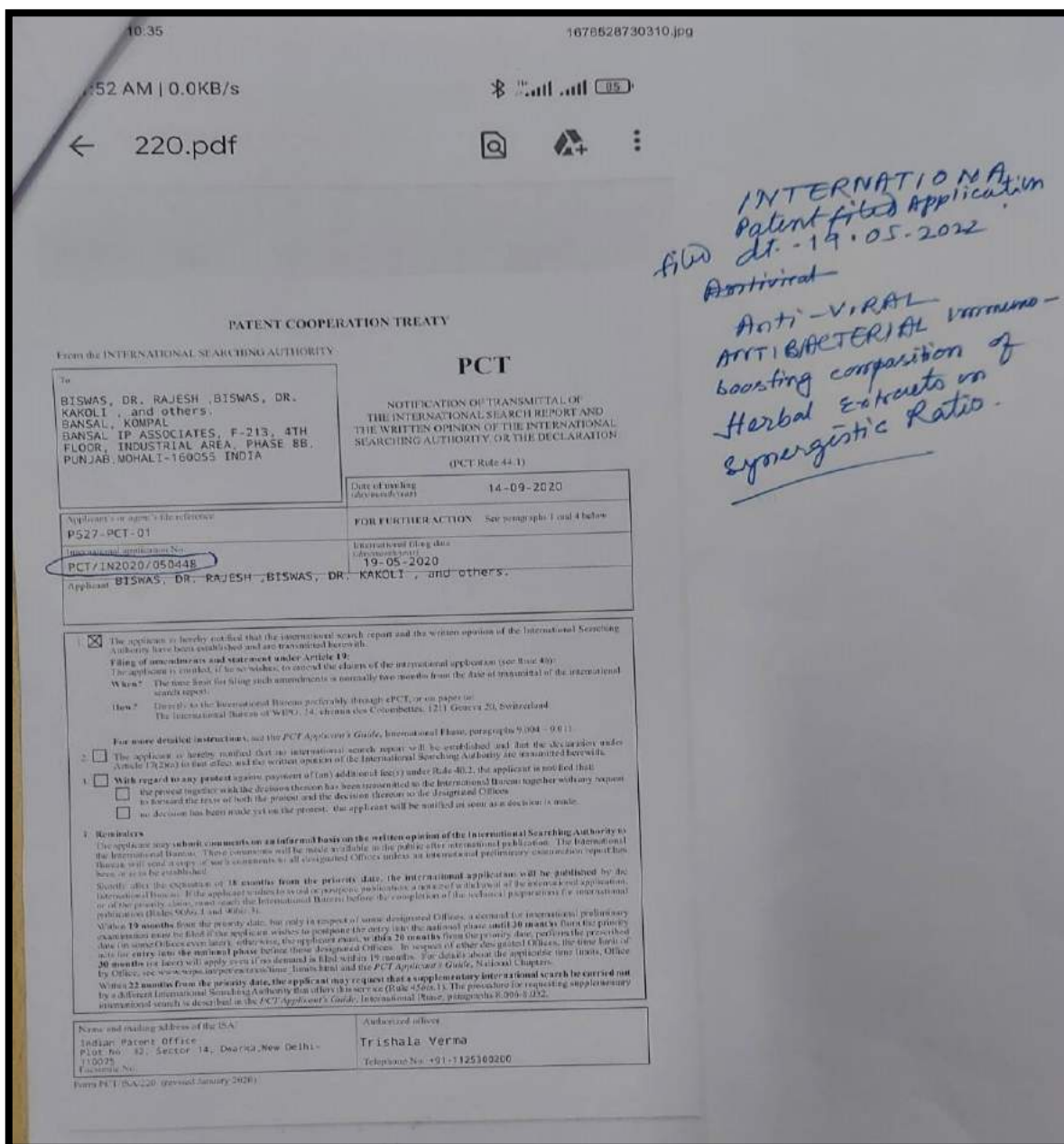
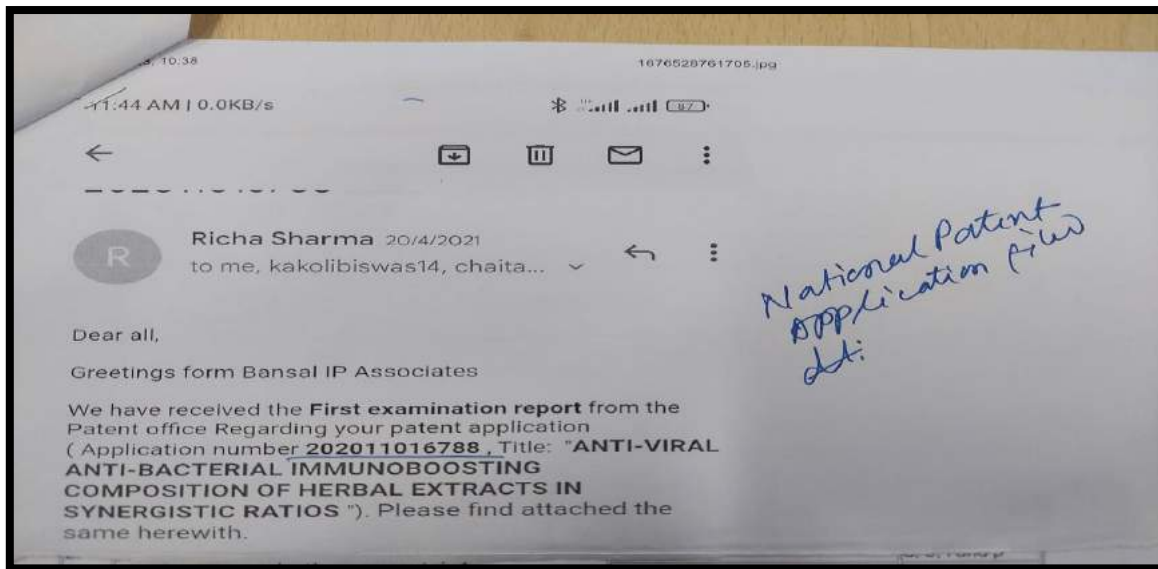
Application Status

APPLICATION STATUS	Application Awaiting Examination
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[View Documents](#)



In case of any discrepancy in status, kindly contact go-helpdesk@ipr.in





INTELLECTUAL
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PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

*Patent awarded
dt. 17/12/2020*



सत्यमेव जयते

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

क्रमांक : 011129388
SL No :



पेटेंट सं. / Patent No. : 353927
आवेदन सं. / Application No. : 1113/DEL/2009
फाइल करने की तारीख / Date of Filing : 01/06/2009
पेटेंटी / Patentee : 1.BISWAS KAKOLI 2.BISWAS RAJESH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित NOVEL MEDIA FOR PLANT TISSUE CULTURE नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 1st day of June 2009 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled NOVEL MEDIA FOR PLANT TISSUE CULTURE as disclosed in the above mentioned application for the term of 20 years from the 1st day of June 2009 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 17/12/2020
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 1st day of June 2011 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 1st day of June 2011 and on the same day in every year thereafter.

THE PATENT OFFICE

NATIONAL

INTELLECTUAL PROPERTY INDIA

परीक्षण रिपोर्ट / Examination Report

आवेदन संख्या / Application Number	202011016788
दाखिल करने की तिथि / Date of Filing	19/04/2020
पूर्विका दिनांक / Date of Priority	--
पीसीटी अंतर्राष्ट्रीय आवेदन की संख्या व दिनांक / PCT International Application No. & Date	--
आवेदक / Applicant	DR. RAJESH BISWAS
परीक्षण हेतु अनुरोध की संख्या व दिनांक / Request for Examination No. & Date	E2021101287012/04/2021
प्रकाशन की तिथि / Date of Publication	19/06/2020

इस परीक्षण रिपोर्ट के चार भाग हैं, अर्थात् रिपोर्ट का सारांश, विस्तृत तकनीकी रिपोर्ट, औपचारिक आवश्यकताएँ तथा रिकॉर्ड में दस्तावेज / This examination report consists of four parts, namely summary of the report, detailed technical report, formal requirements and documents on record.

भाग -1: रिपोर्ट का सारांश PART-I: SUMMARY OF THE REPORT

क्र. सं. / Sl. No.	अभिनियम के तहत आवश्यकताओं पर विस्तृत विपणियाँ / Requirements under the Act	दावों की संख्या / Claim Numbers	टिप्पणी / Remarks
1.	धारा 2(1)(अ) के तहत आविष्कार / Invention u/s 2(1)(i)	दावे / Claims:	हाँ / Yes
		दावे / Claims: 1-3	नहीं / No
2.	धारा 3 के अधीन पेटेंट-अयोग्यता (यदि हाँ, खंड 3(क-त) / Non-patentability u/s 3 (if yes, specify section 3(a-p))	दावे / Claims: 1-3	हाँ / Yes d, e, i and p
		दावे / Claims:	नहीं / No
3.	[धारा 10(5) व 10(4) (ग)] के अधीन दावे / Claims [u/s 10(5) & 10(4) (c)]	दावे / Claims:	हाँ / Yes
		परिभाषिकता / Definitive दावे / Claims: 1-3	नहीं / No

भाग -II विस्तृत तकनीकी रिपोर्ट PART-II: DETAILED TECHNICAL REPORT

क. उद्धृत दस्तावेजों की सूची / A. List of documents cited:

(क) पेटेंट साहित्य / (a). Patent Literature :

क्र. सं. / Sl.no	दस्तावेजों का विवरण / Details of documents	प्रकाशन तिथि(दिन/माह/वर्ष) / Publication date	उद्धृत दस्तावेज का प्रासंगिक विवरण (पृष्ठ व अनुच्छेद संख्या) / Relevant description (page and paragraph no.) of cited document	उद्धृत दस्तावेज के प्रासंगिक दावे / Relevant claims of cited document	अभिकथित आविष्कार के दावे / Claims of alleged invention
1	D3: WO2017007833A1	12/01/2017	Whole Document		1-3

(ख) नैर-पेटेंट साहित्य / (b). Non-patent literature

क्र. सं. / Sl.no	दस्तावेजों का विवरण / Details of documents	प्रकाशन तिथि(दिन/माह/वर्ष) / Publication date	उद्धृत दस्तावेज का प्रासंगिक विवरण (पृष्ठ व अनुच्छेद संख्या) / Relevant description (page and paragraph no.) of cited document	अभिकथित आविष्कार के दावे / Claims of alleged invention	अभिकथित आविष्कार के दावे / Claims of alleged invention

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011003954 A

(19) INDIA

(22) Date of filing of Application :29/01/2020

(43) Publication Date : 27/08/2021

(54) Title of the invention : NANO-FUNCTIONALIZED NATURAL FIBER WITH IMPROVED PHOTOCATALYTIC AND ANTIMICROBIAL PROPERTIES

(51) International classification	:B65D0065460000, A61L0027300000, B01J0035000000, C01G0009020000, D06M0016000000	(71)Name of Applicant : 1)Panjab University Address of Applicant :Sector 14, Chandigarh, Pin- 160014 Chandigarh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Ganga Ram Chaudhary
(33) Name of priority country	:NA	2)Moondeep Chauhan
(86) International Application No	:NA	3)Bunty Sharma
Filing Date	:NA	4)Preeti Alag
(87) International Publication No	: NA	5)Gurpreet Kaur
(61) Patent of Addition to Application Number	:NA	6)Rajeev Kumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a bionanocomposite material comprising a natural fiber (NF) on which metal oxide nanostructures are grown. More specifically, invention relates to fabrication of a scalable array platform consisting of metal oxide nanostructures grown onto the natural fibres extracted from plants of species Sansevieria. The bionanocomposite or metal oxide nanostructures based bio-platform of the present invention are highly suitable for degradation and removal of contaminants found in air, water and other liquids. Thus, the bionanocomposites of the present invention are ideal candidates for construction of materials which can be used in variety of applications such as air purification, water cleansing, biomedical application, flexible and portable electronic gadgets, smart textiles, etc. The invention also relates to a process for preparing the bionanocomposite and textile product formed thereof.



No. of Pages : 33 No. of Claims : 14

2. INFRASTRUCTURE AND RESOURCES

Link - <https://homescience10.ac.in/ict-facilities>



Conference Hall



Committee room



Auto CAD Lab



CAD Lab (Room No. 36)

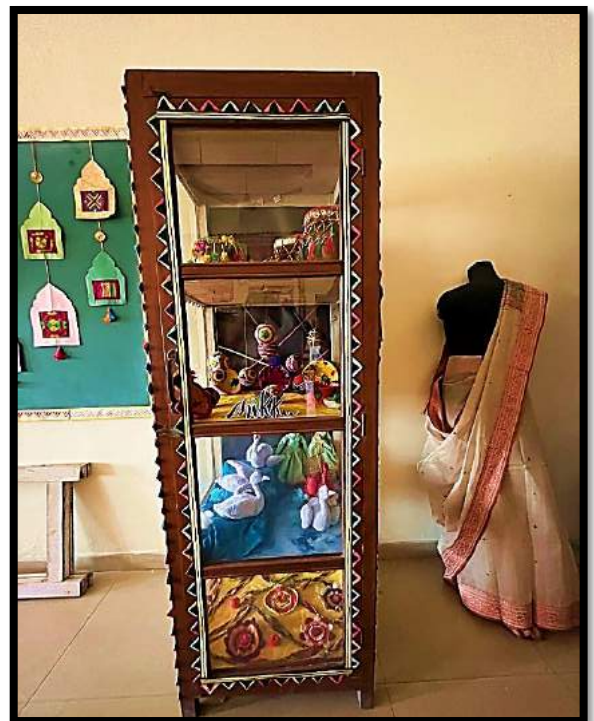


Classroom no 44



Room No 10 e-PG Pathshala

- A **Heritage and Resource Centre** was set up in Department of Clothing and Textiles for the promotion of Indian Heritage.



Heritage and Resource Centre

3. ENVIRONMENT AND SUSTAINABLE

- Gardens:- <https://homescience10.ac.in/gardens>
- Environment sustainable Activities: Link-<https://homescience10.ac.in/harita-environment-society>
- Solar panel: <https://homescience10.ac.in/green-campus>



- **Collection Pits for Rain Water Harvesting**



- **Annual Fashion Show for promotion of Khadi**



- **Waste Management through Composting Machine**



Wet Waste Composting Machine on Campus

4. EFFECTIVE CURRICULUM DELIVERY, STUDENT PROGRESSION AND PLACEMENTS

- Placement : Link - <https://homescience10.ac.in/placement-cell>
- Softwares: link <https://homescience10.ac.in/ict-facilities>
- Swavalamban Corner



- E-Pathshala



5. ENTREPRENEURIAL INITIATIVES AND INNOVATIVE PRACTICES

- **Startups By Students** Link -<https://homescience10.ac.in/startups-by-students>
- **Melas , Exhibitions ,workshops and panel discussion etc.**





**Workshop on Skill Development through Draping Techniques
(26.02.2020)**

