



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



DEAS
2024

K.R. Mangalam University

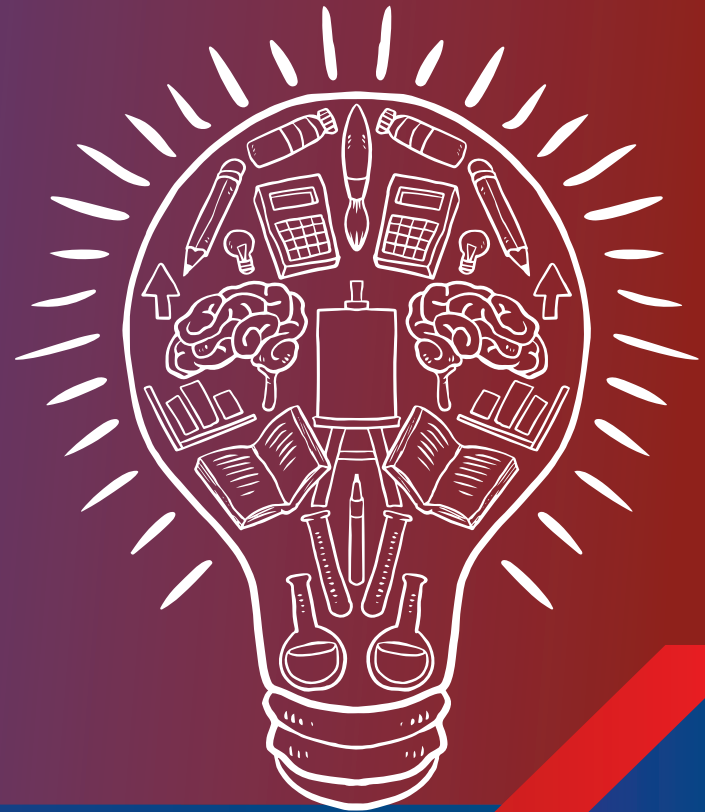
Presents

DEAS
2024

**An exhibition on Innovation & start up,
Distinctiveness, Extension, Achievement,
and Skill-based learning/curriculum**

Venue: Sunken Garden, KRMU

Date: 22 November 2024



K.R. Mangalam University is a State Private University established under Haryana Private Universities Act, 2006 and is empowered to award degrees under section 2f of the UGC Act, 1956. Established in 2013, K.R. Mangalam University is a pioneer institution of higher education located in Gurugram. K.R. Mangalam University is known for its excellence in interdisciplinary education and for its research and innovation that prepares students to become socially responsible and contribute to nation-building through their learning and skills.

K.R. Mangalam University hosts the exhibition to highlight its distinctive practices in participative, experiential, and project-based learning.

Themed ‘IDEAS’—Innovation and Start-ups (I), Distinctiveness (D), Extension (E), Awards and Achievements (A), and Skill-Based Learning (S).

The event underscores the university’s commitment to achieving UN Sustainable Development Goals (SDG). Through innovation, research, and a thriving start-up eco system, the university advances India’s missions of Make in India, Viksit Bharat, and Skill India, while fostering impactful collaboration with the government. This platform encapsulates K.R. Mangalam’s vision of empowering students to drive social transformation and sustainable progress.

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Theme	Stall No.
Innovation & Start ups	01-19
Distinctiveness	20-25
Extension	26-28
Achievement	29-30
Skill based Learning/Curriculum	31-42

MESSAGE FROM THE DESK OF VICE CHANCELLOR

IDEAS 2024: A Glimpse into the Future

Welcome to the IDEAS 2024. An exhibition that highlights KRMU's distinctive practices in participative, experiential & project-based learning. This year, we delve deeper into the transformative power of:

Innovation & Start-ups: Fostering a culture of creativity and entrepreneurial spirit.

Distinctiveness: Celebrating our unique identity and contributions to society.

Extension: Reaching out to the community and making a positive impact.

Achievement: Recognizing and rewarding outstanding accomplishments.

Skill-Based Learning/Curriculum: Empowering our students with practical skills for the 21st century.

As we navigate the ever-evolving landscape of higher education, IDEAS 2024 offers a glimpse into the future. Join us as we explore groundbreaking research, innovative projects, and the remarkable achievements of our students, faculty, and staff.

Let's inspire, innovate, and transform together.

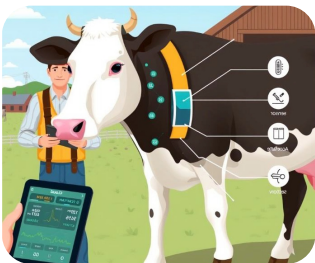
Professor (Dr.) Raghuvir Singh
Vice Chancellor
K.R. Mangalam University





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AIM/ OBJECTIVE/ PURPOSE

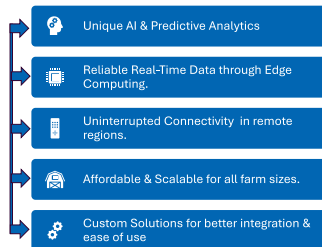
The Paushtika project aims to improve dairy farming efficiency and productivity by leveraging technology to monitor cattle health. Our objective is to provide real-time, AI-powered health insights to help farmers detect diseases early, track fertility cycles, and optimize milk quality. This will not only reduce operational costs but also enhance milk production and profitability for farmers.

HEALTHCARE PAUSHTIKA

DEAS
2 0 2 4



FLOW CHART/ DIAGRAM



EXPECTED OUTCOME

- **Early Disease Detection:** Reduce livestock mortality and treatment costs by detecting diseases early.
- **Improved Fertility Management:** Optimize breeding schedules, leading to more efficient reproduction cycles.
- **Increased Milk Yield:** Healthier cows lead to higher milk quality and yield, directly improving the farmer's income.
- **Farmer Empowerment:** Through real-time data and insights, farmers will have the tools to make informed decisions, improving operational efficiency.

PREPARED BY - KIEC FOUNDATION



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AMBUQUICK

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EMERGENCY NUMBER
— 1800-123-780



Founder: Mr. Dhruv Chopra, B.Com Hons NSE, School of Management K.R. Mangalam University



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Strings of Resilience: Exploring the Socio-Economic-Cultural Significance of Puppetry in the Northern Region of India for Katputli Community

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OBJECTIVES

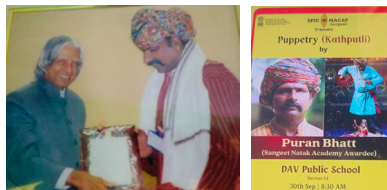
- To understand the historical and cultural significance of puppetry in Delhi and Rajasthan.
- To explore the socio-economic impact of puppetry on local communities.
- To preserve and promote traditional puppetry as a heritage art form and viable livelihood.



Engaging with traditional puppeteer community



RESEARCH AND ENGAGEMENT PROCESS



Collaborating with Sangeet Natak Akademi Awardee Puran Bhatt and Spic Macay for Puppet shows

OUTCOMES

- **Cultural Preservation:** Increased awareness and appreciation of puppetry as an integral part of regional culture.
- **Economic Empowerment:** Enhanced livelihood opportunities for puppeteers through training, funding, and market access.
- **Community Engagement:** Stronger networks and collaboration between puppeteers and cultural institutions.
- **Policy Influence:** Insights that can inform policies to support traditional arts and crafts.



Conducting Field Research



Principal Investigator: Prof. (Dr.) Anshika Prakash

Research Assistant: Ms. Maryam Irfan

Co-Principal Investigator: Dr. Monika Yadav

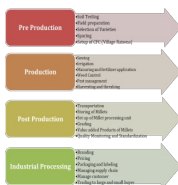


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**KRMU-KEIC STI HUB, SOHNA BLOCK,
GURUGRAM, HARYANA**

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VALUE CHAINS



Agriculture (Millet)



Handicraft



Department of Science & Technology
Govt. of India

CAPACITY BUILDING



OUTCOMES

- Upgradation in the Socio-Economic Status of target beneficiaries.
- Enhancement in household income level.
- Training the beneficiaries to make value-added products from millets for improving health and employability.
- Better access to health, nutrition, employment generation, infrastructure and other resources etc.



KRMU INCUBATION CENTER

Principal Investigator: Prof. (Dr.) Anshika Prakash

Co-Principal Investigator: Dr. Seema Raj

Project Co-ordinator: Dr. Ajhar Hussain



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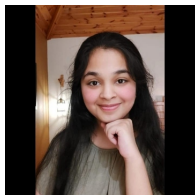
Ishmeet Organics- Pamper Your Life Naturally

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ABOUT US

At Ishmeet Organics, we believe that the secret to healthy, glowing skin lies in nature's embrace. That's why we carefully craft each of our skincare products using only natural, plant-derived, and organic ingredients. Our mission is simple: to provide high-quality, effective skincare solutions that nourish your skin while staying kind to the environment.

Driven by a desire to solve common skincare issues faced by teenagers, adults, matured-skin people, I founded Ishmeet Organics—a home-based business that prioritizes natural ingredients and holistic skincare solutions.



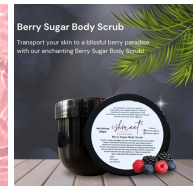
OUR PRODUCTS

- Skincare Creams
- Body Butters
- Body Scrubs
- Face Scrubs
- Skin Toners
- Face Wash
- Lip Care Products
- Body Wash
- Peels
- Face Serums
- Handmade Soaps

Contact

Us Website: www.ishmeetorganics.com
Social Media: @ishmeet.organics
Email: ishmeetorganics@gmail.com
Phone: +918527571591

ishmeet
Organics
Pamper your life naturally



FOUNDER: Ms. Ishmeet Kaur Bains, BA(JMC)



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IDEAS ABOUT SUSTAINABLE PACKAGING

IDEAS
2 0 2 4

SUSTAINABLE PACKAGING

- As a part of inculcating the thought & practices of sustainability in the curriculum we try to have activities, assignments & topics around sustainability to make the students understand how sustainability can be introduced as a process change.
- Sustainability is one of the practices we want our students to inculcate and imbibe to the extent that it becomes a value that can never oversee.
- Students were given an assignment to develop creative sustainable packaging.
- The result of the sustainable packaging ideas will create a value chain advantage and design innovations for everyday usage, giving alternate environment friendly and economical solutions

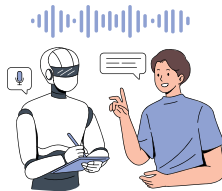


Contributors:
Students of School of Management & Commerce

Faculty Supervisor:
Dr. Anumeha Mathur



FINE-TUNING LLM ON SPIRITUAL CONVERSATION



Objective

- The project aims to create a general chatbot powered by advanced AI that utilizes the wisdom of ancient texts, to help individuals, particularly those facing mental challenges like anxiety and loneliness.



Progress Overview

- Research and Approach Formulation
- Dataset Collection
- Model Selection
- Fine-Tuning Process
- Testing and Evaluation
- Implementation of Advanced Architecture
- Future Enhancements



Outcome

- **AI-Powered Chatbot for Support:** Chatbot that provides real-time, supportive responses tailored to users' emotional needs.
- **Integration of Ancient Texts:** Utilizes texts like the Vedas to offer insights making timeless teachings accessible to modern users.
- **Guidance for Mental Wellness:** Answers aimed at addressing loneliness, and aligning responses with users' mental health needs.
- **Knowledge Base Expansion:** Continually adds more ancient texts to create a comprehensive resource for diverse challenges.

Prepared By - Kartik and Divyanshi (B.Tech CSE AIML)



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Center Of Excellence Artificial Intelligence

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DSS(Drone Safety System)



Made a Safety kit for all Drones to avoid crashes due to any mal functioning



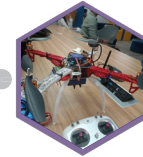
Main Purpose is to protect drone from any kind of crash with 0% damage

A SOS system Parachute having a parachute with thrusters



We also aims to protect civilians from drone crashes which can be dangerous

Also having safe zone detection mechanism for finding safe landing area



Made a cost effective drones for final prototype which had unique features and high performance



KEIC
KRMU INCUBATION CENTER

Prepared by : Shubh Saxena from (BCA Sp AI & DS) 5th Semester



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Vardaan Foods



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WHO WE ARE?

Vardaan Foods is a brand dedicated to delivering authentic, regional flavors with a healthy twist. Their diverse range includes traditional snacks like namkeens, sweets, handmade pickles, and health-focused products, such as roasted nuts and wholegrain cookies. Sourcing flavors from regions across India, including Gujarat, Rajasthan, Punjab, and Uttar Pradesh, Vardaan Foods blends rich traditions with modern health needs. Their Health with Fun range makes healthy snacking enjoyable, catering to those who seek taste without compromising nutrition.



WHAT WE OFFER?



Traditional Snacks



Healthy Nuts



Handmade Pickles



Whole-Grain Bakery



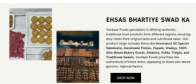
Traditional Snacks



Sweets



Health Range



Contact us: @Vardaanfoods.in
| +91-8373937652, 9873166261 |
Vardaanfoods.in | Jharsa Road, Sec 15, GGN



Founder: Mr. Vardaan Aggarwal, BBA,
School of Management & Commerce, K.R. Mangalam University



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ELECTRIC BIKE - MOTOVOLT

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OBJECTIVES

- **Affordable:** Convert a scrap bike into an e-bike at a low cost!
- **Custom & DIY:** Learn, build, and personalize your ride.
- **Eco-Friendly:** Reduce waste and emissions by repurposing and going electric.



Kartik Kumar , Raman Bhatia ,
Vinay Yadav , Md Umar Farooq

OUTCOMES

- **Cost Savings:** Lower costs compared to buying a new e-bike.
- **Hands-On Skills:** Gain practical skills in mechanics and electronics.
- **Customized Ride:** Personalize power, speed, and battery capacity.
- **Environmental Benefits:** Reduce waste and pollution by reusing materials.



Mentor : Dr. Imran Siraj



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101 Pure

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At 101 PURE we believe that when people want to change their lives and consume healthier food , big companies sell them products in the name of being "healthy" but in reality, their products are actually just full of harmful ingredients

101 PURE yearn to fix that, NO CHEMICALS, NO ARTIFICIAL FLAVORS and THE REAL TASTE OF PEANUTS



"THE DELICIOUSNESS OF A GUILT-FREE SNACK"



Contact Us At



Official101PURE@gmail.com



101_Pure



+91 9654938687



Founder: Mr. Harjus Singh, BBA Entrepreneurship,
School of Management & Commerce, K.R. Mangalam University



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OBJECTIVES

Offer Decline aims to help recruiters minimize financial losses and resource waste caused by candidates who decline job offers after accepting them. By providing access to candidate offer histories, the platform enables recruiters to make informed hiring decisions and avoid potential dropouts.

OFFER DECLINE

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**Stopping candidates
from offer shopping**

PROCESS

The platform compiles data on candidates' past offer acceptances and declines. Recruiters can review this information and collaborate with a community of professionals to assess candidate commitment before extending offers.



OUTCOMES

Using Offer Decline results in cost savings, increased efficiency in recruitment, and better decision-making, leading to a smoother hiring process and reduced risk of last-minute offer rejections.

PREPARED BY - KIEC FOUNDATION



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STARWAVE

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FOUNDER - SHREYANSH



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MARKETING OF AGRI-INPUTS AND AGRI-PRODUCE

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NEW STARTUP : KRISHAK MANGALAM AGRO PVT. LTD

OBJECTIVES

- Increase Awareness
- Expand Distribution
- Enhance Farmer Production
- Promote Sustainable Practices
- Direct Marketing Maximize Farmer Income
- Enhance Consumer Access To Fresh Produce

PROCESS

- Market Research in Product Development
- Distribution Channel Development
- Harvest and Post Harvest Handling
- Market Linkages and Sales Channels
- Digital and Technological Integration

OUTCOMES

- Increase Farmer Productivity and Income
- Improve Input Accessibility and Uses
- Improve Consumer Access To Fresh and Quality Produce
- Support For Local and Sustainable Agriculture
- Strengthened Corporate and Farmer Partnership



Corporates



Farmers



Consumers

PREPARED BY - SCHOOL OF AGRICULTURAL SCIENCES



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Vein Indiaa



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“The perfect accessory for your outfit”

**High Quality
&
Affordable**



**Founder: Mr. Mayank Madhrey, B.Com Hons.,
School of Management & Commerce, K.R. Mangalam University**



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SORTBOT / PETGUARD

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OBJECTIVES

- Automate waste sorting using AI and robotics.
 - Increase recycling efficiency and reduce manual labor.
 - Enhance speed and accuracy in sorting.
 - Address the concern about dog safety.
- Enable remote video streaming with network



sortbot

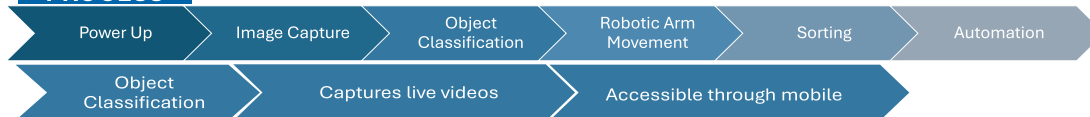


Pet guard

KEY FEATURES

- AI Classification – Accurate detection with TensorFlow and OpenCV.
- Robotic Arm – Precise sorting with 6 degrees of freedom.
- Autonomous Operation – Minimal human intervention.
- Pet guard Captures live video/photos.
- Streams footage to a secure server
- Accessible through mobile

PROCESS



PREPARED BY – TEAM ECOSORT



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Zen Vedik



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Life gets hectic sometimes, but finding moments of peace shouldn't be that hard. At Zen Vedik, we are here to solve these hectic times of your life and give you peaceful moments. Zen Vedik provides a variety of stress buster kits, totally handcrafted with purity, warmth, and the essence of nature.....

With 'Ashwagandha' being the main ingredient, our ayurvedic product provides you with these peaceful moments. It's not just a kit, it has an essence of calmness and serenity, which would be great to gift to yourself, your colleagues, and your loved ones....

“Stress Less, Vibe More”

Our Kits

- Calmness Collection
- Aromatic Collection
- Skin Care Collection
- Food Collection

Contact us

+91 7007560229



zenvedik@gmail.com
@zen_vedik



Founder: Ms. Kashish Agrawal, BBA Entrepreneurship,
School of Management & Commerce, K.R. Mangalam University



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Smart Tuberculosis Detection Kit

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PROBLEM STATEMENT

- Tuberculosis resurges as the top infectious disease killer.

"The fact that TB still kills and sickens so many people is an outrage when we have the tools to prevent it, detect it and treat it" said Dr Tedros Adhanom Ghebreyesus

- Current TB detection is slow, invasive, and delays treatment. A faster, non-invasive tool is needed for timely diagnosis and treatment.

SOLUTION

An array of MOS-based gas sensors detects TB by analyzing a combination of VOCs through multidimensional analysis, allowing for rapid, non-invasive detection and enabling timely diagnosis and treatment.

USPs

Unique
Selling
Point



Rapid



Non-Invasive

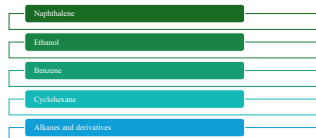


Affordable kits



Real-Time

BIOMARKERS



OUTCOMES

- Will help us expand knowledge on other diseases with VOCs such as Lung cancer, asthma and COVID 19
- Contactless and instant diagnosis enabled
- Affordable and efficient compared to modern diagnostic methods



Let's work together to reduce the global burden of TB through technology, innovation, and commitment to public health.



Mentors : Dr. Ritika Khatri & Dr. Rishi Ranjan

Founder: Mr. Aryan Bajaj, Ms. Sannah Rainer Sharma, Ms. Kashish Raghav & Mr. Sumit Yadav
B.Sc. Hons. Physics, School of Basic & Applied Sciences (SBAS), K.R. Mangalam University



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CENTRE OF EXCELLENCE IN ROBOTICS AND AUTOMATION

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AN ADVANCED AGRO-ROVER

INTEGRATED WITH ML TO REVOLUTIONIZE MODERN FARMING

OBJECTIVES

Intelligent Analytics:

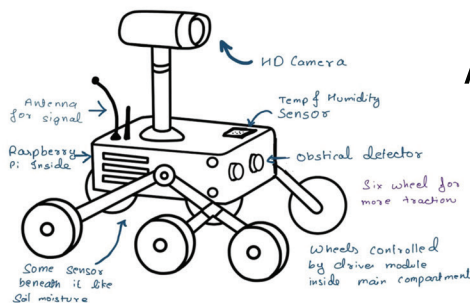
Employs cutting-edge machine learning techniques for immediate analysis

Self-Guided Functionality:

Boasts autonomous navigation features for ongoing data collection across diverse landscapes

Comprehensive Sensor System:

Integrates various sensors for monitoring



OUTCOMES

AI-Driven Crop Health Analysis:

Equipped with an HD camera and machine learning algorithms

Real-Time Monitoring:

Tracks real-time temperature and soil moisture levels

Autonomous and Scalable:

Capable of autonomous operation, making it scalable for both small farms and large agricultural fields

PROCESS



MENTOR - Dr. Puja Acharya

PREPARED BY - HARSH RAJ(2301730286) & SIRE SAINI(2301730335)



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**EDUCATING FOR SUSTAINABILITY:
KNOWLEDGE IS POWER**

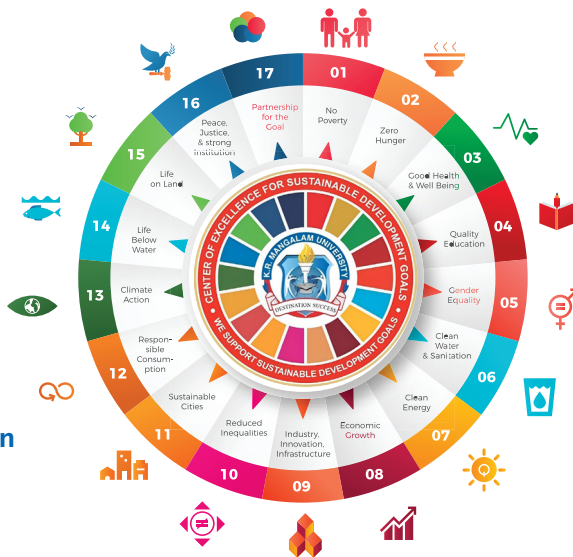
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PUBLICATIONS

The centre has published more than 14 books aligning with SDGs.

COLLABORATION

Collaboration With UNESCO MGIEP focuses on achieving the UN Sustainable Development Goals



PROJECTS

1. Project Saksham 3.0
2. Project Pilot Survey

EXTENSION ACTIVITIES

THURST AREAS



Prepared By : CENTRE OF EXCELLENCE FOR SUSTAINABLE DEVELOPMENT GOALS





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NURTURING ECO – CONSCIOUS BEHAVIOUR

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TAKING STEPS TOWARDS ENVIRONMENT SUSTAINABILITY



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STUDENT-CENTRIC PEDAGOGY

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1

ENGAGING LEARNING MINDS THROUGH PARTICIPATORY AND EXPERIENTIAL LEARNING



OBJECTIVES



LEARNING STRATEGIES AT DIFFERENT LEVELS



OUTCOMES

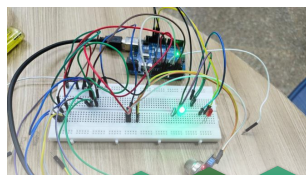
- Equal Opportunities
- Enhanced Social Skills
- Improved Academic Performance
- Increased Self-Esteem
- Skills for Teachers
- Promotes Active Mental Engagement
- Problem-Solving Skills
- Focus on Holistic Development





PHYSICS

INDOOR AIR QUALITY MONITORING



Target Gases

LPG

Smoke

Alcohol



Adsorption

Charge Transfer

Resistance change

Signal Output

PYRAMID HOLOGRAM PROJECTOR

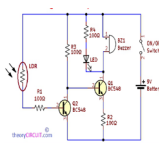
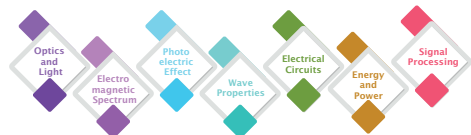


Light diffraction

Interference patterns

Reflection

LASER SECURITY SYSTEM



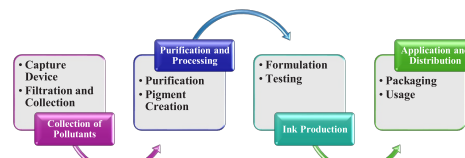
CHEMISTRY



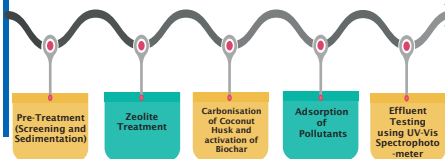
CONVENTIONAL
WASTEWATER
TREATMENT



SMOKE
TO INK



TREATMENT OF WASTEWATER USING COCONUT HUSK



PREPARED BY - : SCHOOL OF BASIC AND APPLIED SCIENCES



PHYSIOVERSE

- **MSME Udhyam** registered **startup** by BPT students that was meticulously planned through careful market study for the lack of physiotherapy kit for fresher students. This is a **KEIC** (K.R. Mangalam Entrepreneurship and Incubation Centre) recognised startup. The entrepreneurial experience is valuable for **employability** as well as social skills.
- Understanding the lacuna and interpreting it into a successful startup has made our students stand out from their counterparts in the field.



PHYSIOTHERAPY OPD

- At SPRS, in addition to clinical skills, BPT students are trained in different aspects of entrepreneurship:
- Marketing: brochure designing, social media promotion
- Revenue generation and sharing: Fees, exemptions, packages and discounts
- Patient satisfaction: Informed consent, social contexts, feedback and word of mouth promotion.
- Budgeting: One time and recurrent costs, equipment and services options, vendor selection, etc.



ENTREPRENEURSHIP TRAINING
AT PHYSIOTHERAPY OPD

Prepared By : SCHOOL OF PHYSIOTHERAPY AND REHABILITATION SCIENCES



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SOCIAL & COMMUNITY CONNECT

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CULTIVATING MINDS, TOGETHER FOR TOMORROW

HOLISTIC SUSTAINABLE LEARNING THROUGH SOCIAL CONNECT



OBJECTIVES

- **Demonstrate Community Impact:** Showcase the successful training efforts conducted in nearby villages and schools, emphasizing community engagement and empowerment.
- **Highlight Extension Activities:** Demonstrate the role of our organization in community extension activities and its commitment to improving public health and safety.
- **Foster Local Partnerships:** Build connections with local NGOs, government bodies, and educational institutions to expand the reach and support for CPR training.

CPR PROCEDURE



CPR Training at Lakhuwas

OUTCOMES

CPR Training Outcomes



**Prepared By: Dr. Monika Yadav, Program Co-Ordinator,
Youth Red Cross Committee**



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Gift of Ability – Empowering Villagers with Mobility and Hearing

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ABOUT

The "Gift of Ability" program, led by the Youth Red Cross Committee, is a community-driven initiative dedicated to enhancing the lives of villagers by providing essential mobility aids and hearing devices. Through this program, we aim to empower individuals facing mobility or hearing challenges, restoring their ability to participate fully in everyday activities and fostering a sense of independence and confidence.



AID FOR DISABLED



OBJECTIVES

Enhance Accessibility

Empower Self-Reliance



Promote Inclusivity



Prepared By: Dr. Monika Yadav, Program Co-Ordinator,
Youth Red Cross Committee



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Glimpses of Student Achievements

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SPORTS ACHIEVEMENTS



Football Team Got 1st Position in IBS Business School Gurugram 2022-23



Cricket Team Got 2nd Position in Rawal Institute Faridabad 2022-23



Volleyball Team got 1st Position in RBSM Sports Academy 2023-24



Badminton Doubles got 1st Position in RBSM Sports Academy 2023-24



Football Team Got 1st Position in IBS Business School Gurugram 2022-23

TECHNICAL ACHIEVEMENTS



Winning ITS Hack, Matrix 2.0, and Hackutsav!



BTrack 2 position winner at Manav Rachna University



Mr. Om Mishra, The Smart India Hackathon Winner



Winner of Hackkrmu 3.0



Winner of Geekathon

CULTURAL ACHIEVEMENTS



Big win for KRMU's Labyrinth at AIIMS Delhi 2023! Two 2nd places and a 1st in solo



Big win for KRMU's Labyrinth at AIIMS Delhi 2023! Two 2nd places and a 1st in solo



KRMU Dance Society, Labyrinthss, clinched 1st place in Folk Dance at Lingayas 2024!



Avantra won! 2nd prize in Instrumental at GIBS! (2023)



Avantra shines bright 2nd & 3rd in Solo Singing and 2nd in Battle of Bands at North Cap University

Nurturing Towards Success

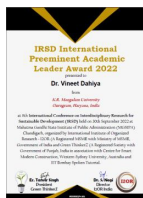


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GLIMPSES OF FACULTY ACHIEVEMENTS

DEAS
2024

ACADEMIC AWARDS



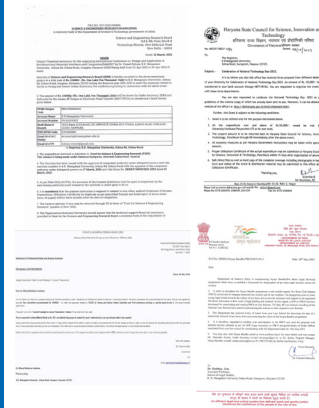
RESEARCH AWARDS



SOCIAL AWARDS



RESEARCH GRANTS & FINANCIAL AWARDS



- Dr. Anshika Prakash and Dr. Seema Raj received funding from DST-SEED division.
- Dr. Anshika Prakash and Dr. Monika Yadav received funding from ICSSR.

PREPARED BY - RESEARCH AND DEVELOPMENT CELL



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EXPERIENTIAL LEARNING AT SPRS

DEAS
2 0 2 4

OBJECTIVES

- To bridge the gap between theoretical knowledge and practical application.
- To ensure that students not only understand concepts but can also apply them in real-world scenarios.
- To involve the students directly in the learning process, helping them take ownership of their learning journey.



ON FIELD TRAINING AT DISABILITY CRICKET TOURNAMENT

PROCESS

- **ON-FIELD TRAINING:** Students of BPT participate in sports events as a part of the medical team, under supervision of faculty members, promoting a deeper understanding of sports injuries, rehabilitation techniques, and prevention strategies.
- **CLINICAL TRAINING AND INTERNSHIP:** A structured clinical training and internship process ensures competency based skill training involving diverse clinical settings.
- **EXTENSION ACTIVITIES:** Health camps, case studies, visits to old age homes and rural settings enhance real world understanding of social contexts.

OUTCOMES

- Enhanced skills related to prevention, treatment and rehabilitation.
- Improved clinical knowledge beyond the classroom.
- Increased networking and placement opportunities.



BPT STUDENTS AT HEALTH CAMP IN VILLAGE



Prepared By : SCHOOL OF PHYSIOTHERAPY AND REHABILITATION SCIENCES



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EXPERIENTIAL LEARNING AT SJMC

DEAS
2 0 2 4

OBJECTIVES

- Hands-On Media Skills Development
- Industry Exposure and Networking
- Critical Thinking and Problem Solving



PROCESS

- Curriculum Integration
- Industry Collaborations
- Mentorship and Guidance



OUTCOMES

- Enhanced Practical Skills
- Stronger Professional Network
- Critical and Creative Thinking



PREPARED BY - SCHOOL OF JOURNALISM & MASS COMMUNICATION



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Millets Unleashed: Flavors of Health & Sustainability

DEAS
2024

WHY MILLETS?

- **Nutritional Value:** Rich in fiber, protein, iron, calcium, magnesium, and vitamins. Good source of antioxidants.
- **Gluten-Free:** Ideal for people with gluten intolerance or celiac disease.
- **Supports Digestion:** High fiber content improves digestion and promotes a healthy gut microbiome.
- **Low Glycemic Index:** Releases glucose slowly, helping to manage blood sugar levels.
- **Weight Management:** Fiber and protein keep you full longer, aiding in reducing calorie intake.
- **Sustainable Crop:** Requires less water, grows in harsh conditions, supports eco-friendly agriculture.
- **Versatility in Cooking:** Can be used in various forms like flours and whole grains for diverse recipes.
- **Allergen-Friendly:** Safe option for people with allergies to wheat or other grains.



SHRIDHANYA

- **Ancient Origins:** Domesticated around 5,000 years ago, among the first crops cultivated.
- **Vedic Period:** Mentioned in ancient scriptures like the Rigveda, integral to traditional diets.
- **Traditional Agriculture:** Valued for adaptability to different soils and climates, thriving in drought-prone regions.
- **Green Revolution Impact:** Declined during the mid-20th century as rice and wheat became the focus.
- **Modern Revival:** Resurgence due to nutritional benefits and sustainability, with 2023 declared as the International Year of Millets by the United Nations.



SCHOOL OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY



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Experiential learning at Fashion Design

DEAS
2 0 2 4

**Apparel crafted by students out of punja durries; Ethereal Threads
presented at Delhi times fashion week 2024**



DESIGNER
Khushi Khandelwal

INSPIRATION
Indigo Ember



DESIGNER
Barkha

INSPIRATION
Sunset Sanctuary



DESIGNER
Leepanshi

INSPIRATION
Blue Lagoon



DESIGNER
Payal Rani

INSPIRATION
Threads of Kaybug



DESIGNER
Khushal Sharma

INSPIRATION
Chess Board



DESIGNER
Shamiya Khan

INSPIRATION
Cerulean Threads

School of Architecture & Design (SOAD) : Fashion Design



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EXPERIENTIAL LEARNING AT SOAD

DEAS
2024

BA- FINE ARTS



GAME DESIGN



PREPARED BY - SCHOOL OF ARCHITECTURE & DESIGN (SOAD)



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ENGAGE, EXPERIENCE & EXCEL @SOHS

DEAS
2 0 2 4

OBJECTIVES



Interdisciplinary
approach and
collaborative skills



Cultural competence and
global perspectives



Critical thinking and
lifelong learning



PROCESS



Experiential and
Participative Learning



Project and field work



Internships
Community projects



OUTCOMES



Enhanced practical skills



Improved critical thinking



Increased professional
readiness



PREPARED BY - SCHOOL OF HUMANITIES



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EXPERIENTIAL LEARNING AT FORENSIC SCIENCE

DEAS
2 0 2 4

FORENSIC FORCEP



Increased Efficiency and Accuracy:
Minimize the risk of evidence damage

Enhanced Case Resolution:
Improved trace evidence collection,
forensic professionals

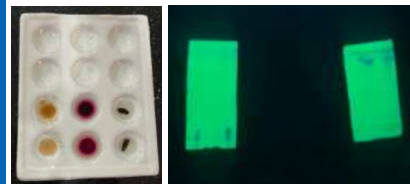
OUTDOOR CRIME SCENE INVESTIGATION

SEARCHING FOR EVIDENCES



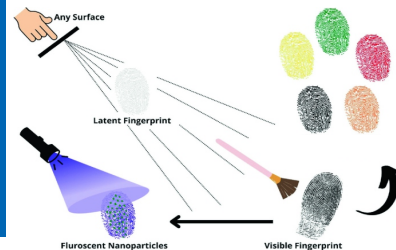
- Enhanced forensic skills in searching of the crime scene
- In-depth understanding of crime scene management techniques
- Increased readiness for professional roles in forensic investigations

SPOT TEST FOR RAPID DETECTION SUBSTANCE/PARAMETER



- Colored reaction between unknown drug and reagent

FINGERPRINT DEVELOPMENT



PREPARED BY - : SCHOOL OF BASIC AND APPLIED SCIENCES



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**"FROM LAB TO LIFE:
TRANSFORMING HEALTH CARE"**

SKILLS AT SMAS

DEAS
2024



Hands on training experience for students (Industrial visits)



Drug Development Process



Pharmaceutical Powerhouse



Community Connect



**From Innovation to
your Hands**

PREPARED BY - SCHOOL OF MEDICAL AND ALLIED SCIENCES



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STUDENT CENTRIC LEGAL COMMITTEES / CENTRES AT SOLS

DEAS
2024

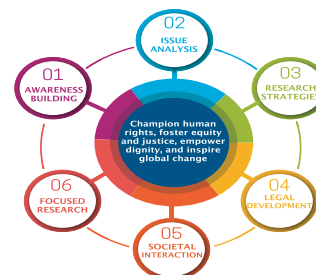
MOOT COURT COMMITTEE



LEGAL AID COMMITTEE



CENTRE FOR HUMAN RIGHTS



CENTRE FOR CRIMINOLOGY & VICTIMOLOGY

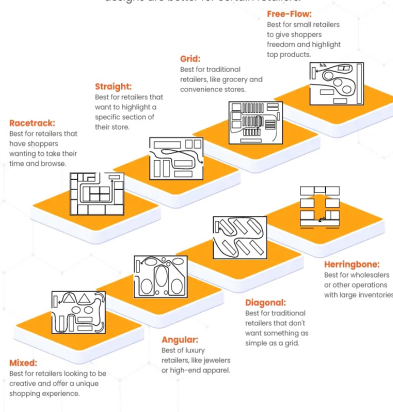


ENGAGING LEARNING MINDS THROUGH PARTICIPATORY AND EXPERIENTIAL LEARNING
PREPARED BY - SCHOOL OF LEGAL STUDIES



8 RETAIL STORE FLOOR PLANS

Retailers have options when it comes to their floor layouts. But certain designs are better for certain retailers.



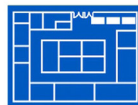
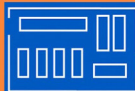
Decide on a Retail Store Floor Plan

Large or small, most retail stores use one of three basic types of retail store layouts. Here's a quick look at each, and we'll explore all three in detail below.

Grid floor plans

Are commonly used in grocery, big box, and convenience stores. Also known as straight layout.

Small retailers who carry large inventories of shelf-stocked goods such as books and magazines, toys, specialty foods, hardware, cards and small gifts, kitchenwares, and homewares.



Loop floor plans

Maximize wall display space and expose customers to all products along a set pathway. Also known as a racetrack layout.

Apparel, accessories, toy, homewares, kitchenwares, personal care, and specialty retail stores.

Free flow floor plans

Allow the most creativity and are used in many small upscale, specialty, and boutique settings.

Upscale apparel, accessory, personal care, specialty brand, and mixed use businesses like bakeries and delis that also sell packaged goods.



KEY PERFORMANCE INDICATORS



1. GENERAL MANAGEMENT

- > Net Profit
- > Cost Of Goods Sold (COGS)
- > Return on Investment (ROI)
- > Revenue by Payment Type
- > Gross Profit Margin

2. SALES

- > Sales Per Square Foot
- > Sales by Product Category
- > Sales Per Employee / Profit per Employee
- > Conversion Rate
- > Sales Cycle Length (SCL)



3. INVENTORY

- > Inventory Turnover Rate (ITR)
- > Shrinkage Rate
- > Sell-Through Rate
- > Average Inventory (AI)
- > Stock-Out

Students created 3D models of Indian brands displaying some of the mentioned models and considering some of the above KPIs.

Contributors:
Students of School of Management & Commerce

Faculty Supervisor:
Ms. Sukanya Chaudhary



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FROM INSIGHT TO ACTION

DEAS
2 0 2 4

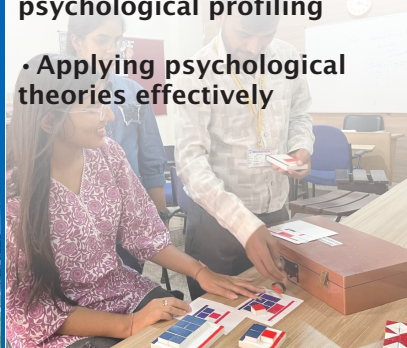
OBJECTIVES

- Cultivate expert-level skills
- Analyze behaviour patterns and motives
- Theory to Therapy



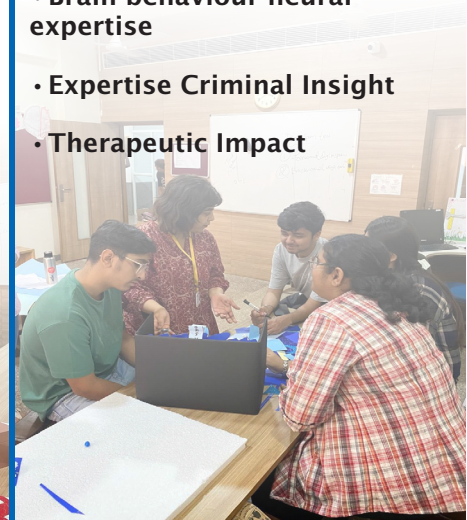
PROCESS

- Hands-on sessions with brain modeling tools to explore neurological processes
- Forensic fieldwork for psychological profiling
- Applying psychological theories effectively



OUTCOMES

- Brain behaviour neural expertise
- Expertise Criminal Insight
- Therapeutic Impact



PREPARED BY - SCHOOL OF HUMANITIES



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STUDENT-CENTRIC
PEDAGOGY

DEAS
2024

PREPARED BY-
**SCHOOL OF
ARCHITECTURE
AND DESIGN**

Thank you!

We would like to express our sincere gratitude to everyone who attended the IDEAS : An Exhibition of Innovation & Startup, Distinctiveness, Extension, Achievement and Skill-based Learning/Curriculum. Your presence and interest in our work were truly inspiring. We hope you enjoyed the event as much as we did.

Thank you once again for your support.



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