



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia_college@rediffmail.com // www.mugberiangangadharmahavidyalaya.ac.in

Report of intra institutional idea competition through YUKTI-NIR dated 20/03/23

The IIC of the college arranged intra institutional idea competition through YUKTI-NIR dated 20/03/23 as per their announcement made on 13/02.23. For the 2022-23 session, 20 ideas have been submitted by the students in YUKTI and our innovation ambassador have verified and assigned those ideas and also recommended for the next step. On the basis of the assignment, three best ideas have been selected to be rewarded by the Principal Sir of the college.

Session on
IIC Calendar Activities (Quarter I)

Organized by Institution's Innovation Council (IIC)
Mugberia Gangadhar Mahavidyalaya
(A College with Potential for Excellence, DBT Star College,
Re-accredited by NAAC 3rd Cycle with Grade B+, Affiliated
to Vidyasagar University, West Bengal, India)

Inter/Intra Institutional Idea
Competition/Challenge/Hackathon through YUKTI-
NIR
and
Reward Best Ideas Ceremony

Accepting entry/submission/ideas through YUKTI-NIR
Start Date : 13.02.2023 End Date: 23.02.23
Submission Link : <https://yukti.mic.gov.in/login/SUMyMDE6MTI2MzNjM=>
Reward Best Ideas Ceremony: 28.02.23
Venue: S N Bose Hall, Mugberia Gangadhar Mahavidyalaya


Chairman
Dr. Swapan Kumar Misra,
Principal,
Mugberia Gangadhar
Mahavidyalaya


Spokesperson
Dr. Bidhan Chandra Samanta
Associate Professor & Head,
Department of Chemistry,
Mugberia Gangadhar
Mahavidyalaya


Coordinator
Dr. Wadut Shaikh
Assistant Professor & Head,
Department of Physics,
Mugberia Gangadhar
Mahavidyalaya



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MoE Innovation Cell | MoE Innovation Cell | MoE Innovation Cell | MoE Innovation Cell | Swapan kumar Misra

iic.mic.gov.in/institute/innovation-repository

INSTITUTION'S INNOVATION COUNCIL | **IIC ID** | Mugberia Gangadhar Mahavidyalaya (C-19112) | Star Ratings (AY 2021-22)

IC201912633

Total Individuals Registered: 43 | **Total Ideas Submitted: 36** | **Total Ideas Assigned: 36** | **Total Ideas Verified: 27** | **Total Ideas Recommended: 27**

Application Submission Link of YUKTI National Innovation Repository (NIR): <https://yukti.mic.gov.in/login/SUMyMDE5MTI2MzM=>

(Please share this link with your Students/Alumni/Recent Graduates/ Faculty/Staff /Entrepreneur/Startup Founders incubated at the Incubation Unit of the institute for registration and submission of their Ideas/Innovations/Startups developed/supported at your institute)

Sr. No.	Innovation ID	Date of Submission	Innovation Title	FY of Development	Developed as part of	Team Lead Details	View Idea Details	Verification
1	IR2023-833662	14-03-2023	Development of Cooked Rice Water Soup TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Sulekha Dhara studentsulekha2000@gmail.com 9641621561 Student	View Details	Assign - 1

Idea_details_25032....pdf | Idea_details_25032....pdf | Idea_details_25032....pdf | Idea_details_25032....pdf | Idea_details_25032....pdf | Show all

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MoE Innovation Cell | MoE Innovation Cell | MoE Innovation Cell | MoE Innovation Cell | Swapan kumar Misra

iic.mic.gov.in/institute/innovation-repository

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IC201912633

2	833151	07-03-2023	functional rassi with orange peel extract TRL Title - TRL 2	2022-23	Requirement/Study Project	S382910348 Student 2675	View Details	Verification Detail
3	IR2023-833139	06-03-2023	Protein enriched fiber incorporated laddu TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Mita Panda mitapanda700@gmail.com 7864918950 Student 2021-5120	View Details	Assign - 1 Verification Detail
4	IR2023-833138	06-03-2023	Development of nutritionally enriched Chikki TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Rima Giri rimagiri945@gmail.com 8145488241 Student 2021-5121	View Details	Assign - 1 Verification Detail
5	IR2023-833137	06-03-2023	Development of Low-Calorie Herbal Candy TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Moumita Maikap maikapmoumita63@gmail.com 8391043131 Student 2021-5001	View Details	Assign - 1 Verification Detail

Idea_details_25032....pdf | Idea_details_25032....pdf | Idea_details_25032....pdf | Idea_details_25032....pdf | Idea_details_25032....pdf | Show all

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Browser tabs: (1 unread) - bidhansa, MoE Innovation Cell, MoE Innovation Cell, MoE Innovation Cell, MoE Innovation Cell, Swapan kumar Misra

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INSTITUTION'S INNOVATION COUNCIL

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6	IR2023-833103	06-03-2023	Development of Mix Seed Pasta TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Rakhi Rani Guria guriarakhi2@gmail.com 9382194370 Student 2664	View Details	Assign - 1 Verification Details
7	IR2023-833100	06-03-2023	DEVELOPMENT OF FUNCTIONAL MUFFIN USING MANGO SEED KERNEL POWDER TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Tiyasa Roy tiyasaray07@gmail.com 8595133430 Student 2678	View Details	Assign - 1 Verification Details
8	IR2023-833097	06-03-2023	Development of diabetic and cholesterol lowering fiber incorporated frozen shrikhand TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Tiyasa Roy tiyasaray07@gmail.com 8595133430 Student 2678	View Details	Assign - 1 Verification Details
			Inulin added		Academic	Poushali Chowdhury poushalichowdhury22@gmail.com		Assign - 1

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			Olestra (Drumstick) leaf powder TRL Title - TRL 2		Project	Student 2672		Verification Details
19	IR2023-832999	04-03-2023	Development of functional bread addition of licorice powder TRL Title - TRL 2	2022-23	Academic Requirement/Study Project	Sanjib Das djsanjib270@gmail.com 7908624435 Student 2669	View Details	Assign - 1 Verification Details
20	IR2023-831209	08-02-2023	Electricity generation from wind turbine and solar system TRL Title - TRL 2	2022-23	Independent Assignment/Non-academic Study Project	Subhendu Bhunia bhunias701@gmail.com 7501770837 Student 20221088	View Details	Assign - 1 Verification Details
21	IR2022-778079	29-08-2022	DEVELOPMENT OF FUNCTIONAL BURFI TRL Title - TRL 2	2021-22	Academic Requirement/Study Project	Susmita Kamila susmitakamila1999@gmail.com 8327567808 Student	View Details	Assign - 1 Verification Details

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MoE's INNOVATION CELL (GOVERNMENT OF INDIA)		INSTITUTE'S INNOVATION COUNCIL MOE'S INNOVATION CELL		INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)	
Institute Name: Mugberia Gangadhar Mahavidyalaya					
Title of the Innovation/Prototype: Inulin added Channa spread with herbs					
Team Lead Name: Poushali Chowdhury	Team Lead Email: poushalichowdhury22@gmail.com	Team Lead Phone: 9382216316	Team Lead Gender: Female		
FY of Development: 2022-23	Developed as part of: Academic Requirement/Study Project	Innovation Type: Product	TRL LEVEL: 2		
Theme: Food Processing/Nutrition/Biotech.					
Define the problem and its relevance to today's market / society / industry need: There are different kinds of sandwich spreads in the market , but low in dietary fiber . Due to low amount of dietary fiber ; constipations , heart disease , overweight and obesity etc. are very commonly spreading throughout the world . One type of sandwich spread should be developed to fill up the rest of the requirement of dietary fiber to prevent the diseases .This is a good butter- alternative for diet-conscious persons . The spread is full of Ca which is good for growth and bone development .It is easy to make , very time-saving and pocket-friendly .					
Describe the Solution / Proposed / Developed: . Channa is a nutrient -dense food , high – protein food . If we make channa spread with addition of inulin , it will give a fair amount of dietary fiber to the consumers . Also if we add some kinds of herbs into it , it will give more functionality to the spread . It will come out with result of healthy and instant sandwich spread to prevent the diseases and will keep the consumer fit . It will be very time – saving and pocket friendly for breakfast .					
Explain the uniqueness and distinctive features of the (product / process / service) solution: Channa spread is invented but the market- bought channa spreads contain very less amount of dietary fiber . So by this invention I want to increase the dietary fiber amount in the spread . There is no such type of invention of channa spread with the addition of inulin what makes it unique and useful for the society					
How your proposed / developed (product / process / service) solution is different from similar kind of product by the competitors if any: There are less competitors in market who are manufacturers of channa spread . Also there is no particular development of inulin added channa spread . So this developed product will be different from similar kind of product if there is any competitor .					
Is there any IP or Patentable Component associated with the Solution?: No					
Copy of IP/Patent Applied or Obtained: View File					
Has the Solution Received any Innovation Grant/Seefund Support?: No					
Total grant fund amount (Rs.) Received from various sources: 0					
Grant fund amount (Rs.) Received From Institute/Incubation Unit: 0					
Are there any Recognitions (National/International) Obtained by the Solution?: No					
*Is the Solution Commercialized either through Technology Transfer or Enterprise Development/Startup?: No					
Had the Solution Received any Pre-Incubation/Incubation Support?: Yes					
Pre-Incubation / Incubation Unit Name: Pasteur Lab					
Video URL: https://youtu.be/sl0f4CSO8Ls					
Innovation Photograph: View File					
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INSTITUTION'S INNOVATION COUNCIL MOE'S INNOVATION CELL



Institute Name:

Mugberia Gangadhar Mahavidyalaya

Title of the Innovation/Prototype:

Development of functional bread addition of licorice powder

Team Lead Name:

Sanjib Das

Team Lead Email:

djsanjib270@gmail.com

Team Lead Phone:

7908624435

Team Lead Gender:

Male

FY of Development:

2022-23

Developed as part of:

Academic Requirement/Study Project

Innovation Type:

Product

TRL LEVEL:

2

Theme:

Food Processing/Nutrition/Biotech.

Define the problem and its relevance to today's market / society / industry need:

Bread is the most popular baked product & it can be consumed by all age group. Bread available in the market is low in price but consumer cannot get all nutrients. It lacks of essential nutrients and antioxidants. So it can not cure health effect. It is the main problem of today's market.

Describe the Solution / Proposed / Developed:

Licorice added bread is the best choice as it can prevent several health effects like-diabetes, obesity, ulcer, arthritis and also other health beneficial effect. If it is consumed, chances of several diseases can be reduced.

Explain the uniqueness and distinctive features of the (product / process / service) solution:

Market product contains low amount protein, vitamins, mineral and other essential nutrients. So, licorice powder added bread is the best choice to the consumer. It also contains functional constituents which are anti-oxidant, anti-carcinogenic, anti-ulcerative and glucocorticoid compound. Licorice powder also helps to regulate fat metabolism in the liver possess glycemic moderating effect and it improve gastrointestinal health.

How your proposed / developed (product / process / service) solution is different from similar kind of product by the competitors if any:

Licorice powder added bread is totally different to the market bread. Developed bread is rich in nutrients than market bread and all over age group can consume without any sight effect. This product have a low calorific value and low glycemic index.

Is there any IP or Patentable Component associated with the Solution?:

No

Copy of IP/Patent Applied or Obtained: [View File](#)

Has the Solution Received any Innovation Grant/Seefund Support?:

No

Total grant fund amount (Rs.) Received from various sources: 0

Grant fund amount (Rs.) Received From Institute/Incubation Unit: 0

Are there any Recognitions (National/International) Obtained by the Solution?:

No

***Is the Solution Commercialized either through Technology Transfer or Enterprise Development/Startup?:**

No

Had the Solution Received any Pre-Incubation/Incubation Support?:

Yes

Pre-Incubation / Incubation Unit Name:

Pasteur Lab

Video URL:

<https://youtube.com/shorts/zCIKWYgJTyI?feature=share>

DocId:30001 on:

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Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal
Mugberia Gangadhar Mahavidyalaya