



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

Annual Report 2023-2024



IIC, Mugberia Gangadhar Mahavidyalaya

A. About IIC Institute

- **Vision / Mission of IIC established at the Institute**

The Institute's IIC aligns with the NISP framework to foster an ecosystem that promotes entrepreneurship, supports innovation, and manages intellectual property effectively. This initiative benefits not only the institution but also the wider community by driving economic development and job creation through start-ups and innovative ventures. The IIC's primary goal is to offer students and faculty opportunities to explore entrepreneurship through training, mentorship, and access to resources.

- **Journey of IIC established at the Institute**

In accordance with the guidelines set by the MHRD's Innovation Cell and AICTE, Mugberia Gangadhar Mahavidyalaya, Bhupatinagar, Purba Medinipur, West Bengal, India, established its Institution Innovation Council (IIC-MGM) during the 2018-19 IIC calendar year. The institution has progressively improved its rating, achieving 1.5 stars in 2019-20, 2.5 stars in 2020-21, 3.5 stars in 2021-22, and 3.0 stars in 2022-23 for implementing activities prescribed by the Innovation Cell, Ministry of Education, to promote innovation and start-up culture on campus.

- **Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments / Units etc.**

Various departments of our college, including the Research Cell, Nutrition, Food Processing, and Tourism & Hotel Management, have actively contributed to the Institution Innovation Council (IIC) since its inception. Additionally, partnerships with small industries and associations such as Nutricium Foods, Maa Shakti Milk Products, Purba Medinipur Farmers' Association and Welfare Society, Ubdadal, Pipal Tree Hotels Pvt. Ltd., Kasturi Aqua Life Products Pvt. Ltd., Bera Food Products, Red Cow Industry, Pasupati Aquatics Pvt. Ltd., and Ananda Imperial, among others, have expanded the scope of IIC activities at our institute.

Furthermore, Brainware University, Kolkata, has served as a mentor institute, collaborating with us on various mentor-mentee programs, solidified by a MoU to enhance IIC initiatives. Additional industry partners are listed below.

| Industry Name | Address |
|--|--|
| Epic Agro Products Pvt. Ltd. (Britania) | Vill: Deora. P.S Amta, Dist- Howrah711401 |
| Jaya Biscuits Pvt. Ltd. | Sugandha, Delhi Road, Chuchura, Hooghli |
| Raja Udyog Pvt. Ltd | 16F, B.T. Road, Sukchar,Kolkata – 700 115 |
| Bajarangbali Vanijya Pvt. Ltd. (SOBISCO) | 31/32, Mile Stone, Delhi Road, Pearapore, Sheoraphuli Dist-Hooghly. Pin-712223 |
| Starmilk Products Pvt. Ltd | Starmilk Products Pvt. Ltd., Pusurah, Hooghly Vill+P.O- Jangalpara, P.S- Purshura Dist.- Hooghly, Pin- 712 401 |
| Bina Food Products | Ektarpur, Madhakhali, Purba Medinipur, Pin: 712501 |
| Santu Ice Factory | Vill+P.O Bashgara Bazar, P.S Khejuri, Dist: Purba Medinipur |
| Ma Kali Ice Cream Factory | P.O- Ajaya, P.S- Khejuri, Dist- Purba Medinipur, Pin:721430 |
| Sushila Ice Factory | Vill+P.O+P.S- Bhupatinagar Dist: Purba Medinipur |
| Ma Tara Bakery | Vill+P.O: Muradpur, P.S: Chandipur, Dist: Purba Medinipur |
| Chandramoni Bakery | Pratapdighi, Purba Medinipur |
| Joy Bakery | Amrashi, Patashpur, Purba Medinipur |
| Calcutta Bakery | Vill: Saiyadpur, P.O: Ramnagar, PS: Ramnagar, Purba Medinipur |
| Gujarat Cooperative Milk Marketing Federation (GCMMF) | Gwalior |
| Tasty Bakery | Kumarpur, Contai, Purba Medinipur, Pin-700 042 |
| Thacker Dairy Products Pvt. Ltd | Garmirzapur, Masilla, Andul Road, Howrah-711302 |
| India Dairy Products Ltd | Dankuni, Pin - 712702 |
| Red Cow Dairy (P) Ltd | Nandan Housing Complex, Station Road, Dankuni, Hooghly |
| Bhagirathi Cooperative Milk Producers' Union Ltd | Panchanantala, Berhampore, Murshidaba-742101 |
| Haringhata Dairy | Haringhata Farm Road, Nadia - 741252 |
| Ichhamati Cooperative Milk Producers Union Ltd | Barahat, Hatipukur Road, North 24-Pargana, Kol- 700124 |
| Meghna Farm Products | Kamarpole, Sarisha, Diamond Harbour-II, South 24- Parganas, Pin-743368 |
| Organic Dairy Foods (India) | Vill+PO-Gadardihi, Beliatore, Bankura-722203 |
| Mashakti Food Products Ltd | Rampur, Gaighata, 24 PGS(N).Pin- 743249 |
| Bera Food Products | Khasjungle, Abas, Kotwali, Paschim Medinipur, West Bengal |
| The Midnapore Co-OP Milk Producers Union Ltd (MIMUL) | Ashoknagar, Paschim Medinipur, Midnapur-721101 |

B. Brief mention of key functionaries at the IIC Institute

- President: Constantly motivates us and, as the President of the Governing Body, grants approval for all activities under the IIC.
- Vice President: Actively engages in inspiring students towards entrepreneurship.
- Principal: Serves as the key figure overseeing all IIC operations and functions.
- Convenor: Plans and announces IIC activities and plays an active role in guiding innovative initiatives.
- Coordinators: Coordinators are responsible for various areas, including IPR, start-ups, internships, and social media. They, along with other members, continuously contribute to IIC-related activities.

C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

- Total No. of IIC Members: **37**
- Total No. of IAs: **12**
- Total No. of faculty Mentors: From Portal: **17**
- Total No. of student Mentors: From Portal: **17**
- Total No. of external Mentors: From Portal: **03**
- Pre-Incubation Units, If any: **04**
- Incubation Units, If any: **00**
- IP Facilitation Unit, If any: **00**

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

The college offers a wide range of facilities, including 24-hour electricity, water supply, Wi-Fi, computer access, and fully equipped laboratories. The pre-incubation units are well fitted with modern instruments and excellent infrastructure. Within the campus, there are two vermicomposting units and a mushroom production unit, both of which produce and market compost fertilizers and edible mushrooms in the local community. Alumni, postgraduate students from the Food Technology, Nutrition, and Management departments, along with B.Voc. Students from the Tourism and Hotel Management department, as well as members of the Purba Medinipur Farmers' Association and Welfare Society, actively promote innovation and entrepreneurship on campus.

Highlight Achievements (Narrative/Graphical/tabular representation)**• Number and Different types of I & E and IPR activities Conducted**

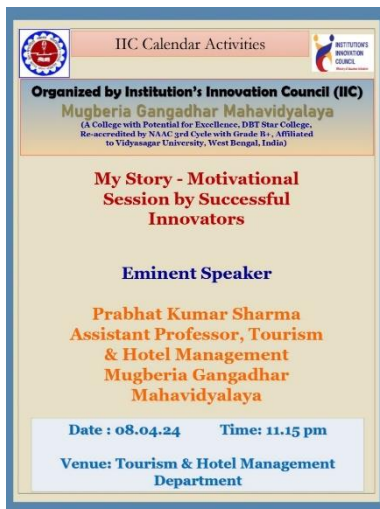
| | |
|---------------------------------|----|
| IIC calendar activities: | 13 |
| MIC driven activities: | 05 |
| Celebration activities: | 05 |
| Self-driven activities: | 04 |

The brief highlights of all these activities with pictures are given below:

IIC calendar activities

1. My Story – Motivational Session by successful Innovator Dated 08.04.2024

In the initiation of IIC, Mugberia Gangadhar Mahavidyalaya, department of Tourism and Hotel Management of the college organized a motivational session by successful innovators on 08.04.2024 to encourage and motivate the students about entrepreneurship and innovations. In this programme, Prabhat Kumar Sharma, Assistant Professor, department of Tourism and Hotel Management of the college was the speaker and delivered the motivational speech in front of the students, the young minds for preparing themselves as self-entrepreneur in the field of hospitality sector. About 30 students and 2 faculty members participated in this motivational programme.



Link: <https://twitter.com/MugberiaM/status/1777288835648692253>

2. Intra Institutional Innovation Competition and Reward Best Innovations - Manage through YUKTI-NIR dated 18.07.24

Being completed demo presentation of prototypes developed and submitted through YUKTI-NIR by the student team leader, Intra Institutional Innovation Competition and Reward Best Innovations ceremony were arranged on 18.07.24 in the S N Bose seminar hall of the college. Five best innovations among 13 were rewarded and rest innovations were given consolation prize. The Principal Sir of the college, Dr Swapan Kumar Misra, inaugurated the programme and two innovation ambassadors of the college (Dr Bidhan Chandra Samanta, Dr Apurba Giri) were present as judge in the said programme.



Link: <https://x.com/MugberiaM/status/1814163206602137940>

3. Exposure and field visit for problem identification dated 05.03.2024

In the initiation of IIC, Mugberia Gangadhar Mahavidyalaya, department of Nutrition of the college organized an exposure and field visit for problem identification about "School Nutrition Garden" under PM POSHAN on 05.03.2024 at Dumurdari Raghunath High School, Purba Medinipur, West Bengal to encourage and motivate the students about the solution of the basic problems of our daily life that they can think innovatively and be self-confident to overcome those by using indigenous technology. In this programme, Rikta Jana, faculty of the college was the speaker and delivered the motivational speech in front of the students, the young minds. About 73 students and 13 school teachers participated in this motivational programme.



Link:

<https://twitter.com/MugberiaM/status/1768861378553774214?t=nZ5EzZ3GJ6oD0r3OMN8Rpw&s=08>

4. Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/ Technology Transfer Centre such as Atal Incubation Centre etc.

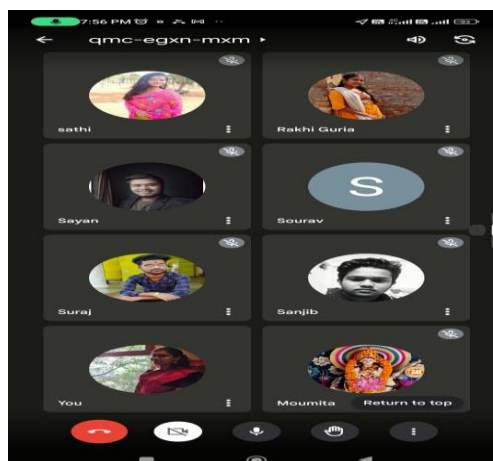
IIC of the college organized this workshop offline on 28.04.2023 to motivate and encourage the students and young faculties to think in an innovative way so that they can design some ideation to solve the current problems or issues prevailed in the society. Dr. Swapan Kumar Misra, Principal of the college was the speaker. He described with examples how to think innovatively, how to study market demand and how to design new start-up and encourage the participants to use their thinking in a fruitful way. About 4 teachers (M 3 F 1) and 44 (M 18 F 26) students participated in this workshop.



Link: <https://x.com/MugberiaM/status/1807023257507479977>

5. Workshop on “Entrepreneurship and Innovation as Career Opportunity” dated 21.09.2023

The department of Nutrition in association with IIC, Mugberia Gangadhar Mahavidyalaya, organized a workshop on “Entrepreneurship and Innovation as Career Opportunity” dated 21.09.2023 to encourage and motivate the students about entrepreneurship and innovations as Career Opportunity. In this programme, Dr Bidhan Chandra Samanta, Associate Professor in Chemistry of the college was the speaker and delivered the motivational speech in front of the students, for preparing themselves as self-entrepreneur by developing their entrepreneurship and innovations. About 11 students from M.Voc participated in this motivational workshop held on virtual platform.



Link: <https://twitter.com/MugberiaM/status/1704879463060918579/photo/1>

6. Field/Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc.

An educational excursion and field visit on coastal biodiversity, organised by Department of Zoology, Mugberia Gangadhar Mahavidyalaya (1st & 3rd SEM students) in association with IIC of the college at Digha, Sankarpur and surrounding areas on 6th January, 2024 to give information to the students about various species in the coastal area and their importance to

maintain biodiversity. Students were enriched with the knowledge provided by the expert present in the said visit. About 56 students and 4 teachers attended the programme.



**Link: <https://twitter.com/MugberiaM/status/1755940459468476801>
<https://twitter.com/MugberiaM/status/1755939827424592169>**

7. Workshop on Entrepreneurship Skill, Attitude and Behaviour Development dated 08.04.2024

The IIC, Mugberia Gangadhar Mahavidyalaya, organized a workshop on Entrepreneurship Skill, Attitude and Behaviour Development dated 08.04.2024 to encourage and motivate the students about entrepreneurship and innovations. In this programme, Dr Swapan Kumar Misra, Principal of the college was the speaker and delivered the motivational speech in front of the students, for preparing themselves as self-entrepreneur by developing their skill and behaviour. About 38 students from department of Nutrition and 7 faculty members participated in this motivational workshop.



Link: <https://twitter.com/MugberiaM/status/1777291876191924568>

8. Organising Innovation & Entrepreneurship Outreach Program in Schools (Q-IV) dated 30.08.2024

In the initiation of IIC of the college, the department of Chemistry, in collaboration with Haripur High School, Madhabpur, Purba Medinipur, West Bengal, organized Innovation & Entrepreneurship outreach programme at Haripur High School, Purba Medinipur, and West

Bengal on 30/08/24. Dr Bidhan Chandra Samanta, Associate Professor and Head, Department of Chemistry visited the said school and delivered lecture on Innovation & Entrepreneurship to motivate and encourage students to be self-entrepreneur as their future career. Dr. Apurba Giri, Assistant Professor, department of Nutrition of the college was also a speaker of this program. About 77 students and 10 teachers from this school were present in the said programme. All the participants were highly motivated and enriched with the informative talk of the speakers.



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9. Workshop on Design Thinking, Critical Thinking & Innovation Design dated 21.08.2024

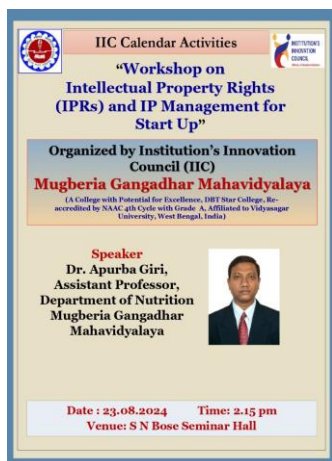
The IIC of the college organized this workshop offline on 21.08.2024 in order to motivate the students to think in an innovative way so that they can design some small start-up to be self-employed. Dr. Swapan Kumar Misra, from department of Commerce, Mugberia Gangadhar Mahavidyalaya was the speaker. He described about critical thinking, innovative thinking and innovative design with examples and encourage students to use their thinking in a fruitful way. About 11 teachers and 135 students participated in this workshop.



Link: <https://x.com/MugberiaM/status/1826293581189116364>

10. Workshop on Intellectual Property Rights (IPRs) and IP management for start-up (Q III) dated 23.08.2024

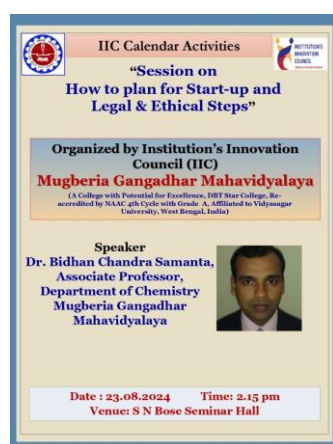
This workshop was observed in offline mode in the Seminar Hall of Nutrition of the college on 23.08.24 under IIC calendar activity (Quarter III). About 15 students and 04 faculty members of the college have participated in this workshop. The eminent speaker Dr Apurba Giri, Assistant Professor, Department of Nutrition described every aspects related to IPR and IP management in details by showing case studies. The participants were very much satisfied and enriched with his informative presentation.



Twitter link: <https://x.com/MugberiaM/status/1827012749898952797>

11. Session on "How to plan for Start-up and legal & Ethical Steps dated: 23.08.2024

IIC of the college in association with department of Food Processing organized this session offline on 23.08.2024 to motivate and encourage the students and young faculties about how to plan for Start-up and to aware them about the legal & ethical steps. Dr. Bidhan Chandra Samanta, Associate Professor in Chemistry department of the college was the speaker. He described with examples how to plan to design new start-up and encourage the participants to use their thinking in a fruitful way. He also discussed about the various aspects of the legal & ethical steps associated with new start up. About 5 teachers and 25 students participated in this workshop.



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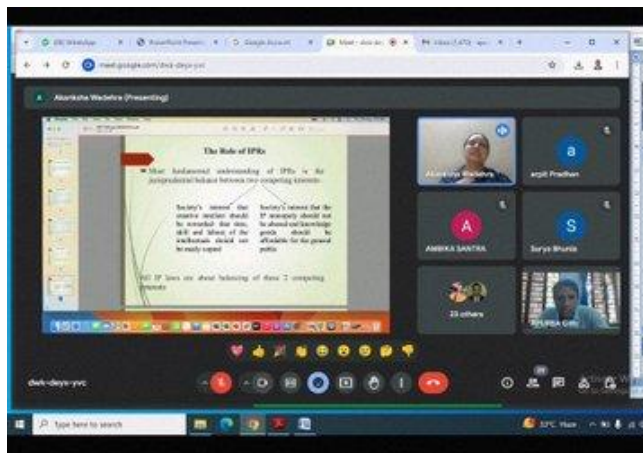
12. Workshop on Prototype/Process Design (Q III) dated 28.08.2024

Workshop on Prototype/Process Design was organized by the IIC of the college through offline mode in S. N. Bose Seminar Hall on 28/08/24 under IIC calendar activity to make aware the students and faculty about prototype design and development process. About 23 students and 11 faculty members of the college have participated in this programme. The eminent speaker for this programme was Sri Prabhat Sharma, Assistant Professor, Department of Tourism and Hotel Management. He delivered keynotes on the various aspects related to brand strategy, prototype, process design and development in front of the participants. The participants were very much satisfied and enriched with his informative presentation.



13. Panel discussion with Innovation and Start-up Ecosystem Enablers from the Region/National level

The Nutrition department of Mugberia Gangadhar Mahavidyalaya organized this panel discussion with Innovation and Start-up Ecosystem enablers from the region as well as national level through online platform on 29/08/2024 in association with IIC of the college. Dr. A. Wadehra Tandon, Patent Agent (India), Academician (Food Technology, Delhi University), Dr. Swapan Kumar Misra, Professor, Department of Commerce & Principal, Mugberia Gangadhar Mahavidyalaya, Dr. Bidhan Chandra Samanta, Associate Professor, Department of Chemistry Mugberia Gangadhar Mahavidyalaya, Purba Medinipur, West Bengal were the main panel speakers for the event. Dr. Swapan Kr. Misra, Principal of College, welcomed and discussed on the importance of self-entrepreneurship while Dr. Bidhan Ch. Samanta discussed in details about what is innovation, what is entrepreneurship, how to start a start-up etc. Dr Tandon described about how to apply for a patent of the innovative products and about the importance of IP. About 35 students and 5 teachers were present in the platform. The participants were highly encouraged with the informative discussions by the panel speakers.

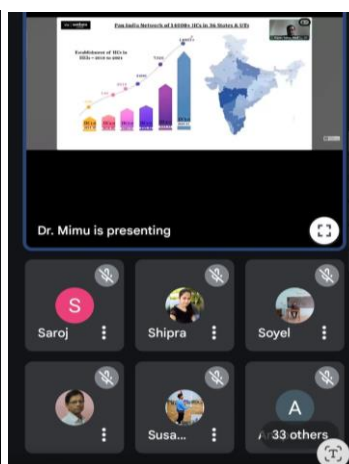
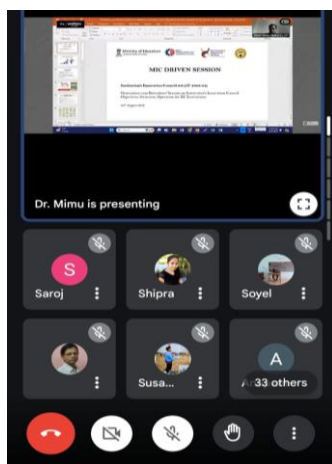


Twitter Link: <https://x.com/MugberiaM/status/1829380487304863781>

MIC driven activities

1. Orientation Cum Refreshers session on Institution Innovation Council objectives, Structure, operation for IIC Institution

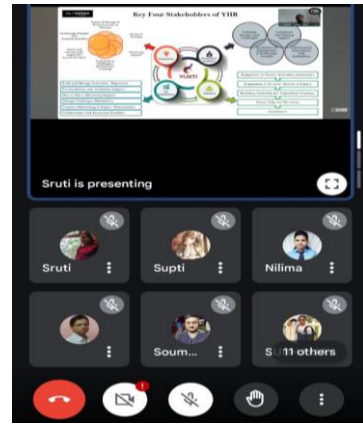
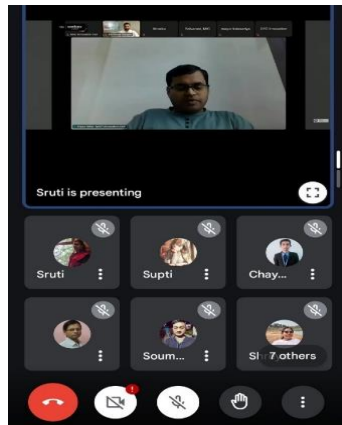
The IIC of the college has taken an initiative in Google meet platform on 15.08.24 to present an expert talk focusing on Institution Innovation Council objectives, structure, and operation for IIC Institution. About 40 participants joined in this MIC driven activity. Dr. Mimu Shaikhe, Asstt. Prof. Physical Education department of Mugberia Gangadhar Mahavidyalaya has presented the lecture on the said theme in front of the participants.



Link: <https://x.com/MugberiaM/status/1824005121736335862>

2. Building the pipeline of quality Innovation and Startups in HEIs with Ecosystem enablers by creating and managing YUKTI Innovation and IPR repository (YIIR)

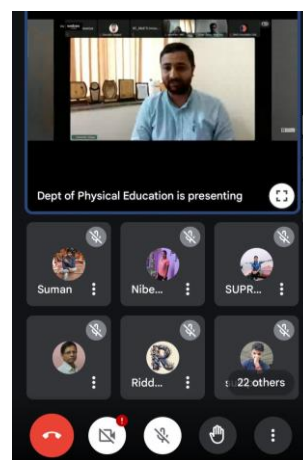
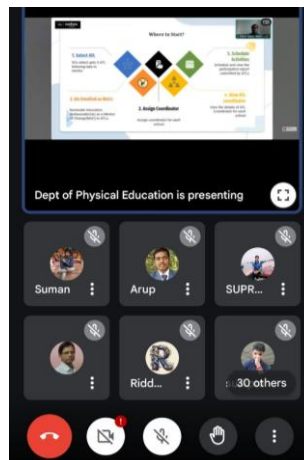
Receiving mail from AICTE, the IIC of our college created a Google meet link and shared the YouTube lecture videos on the proposed theme. About 25 participants were present on the online platform and heard the lecture. The participants were enriched and spell bounded by the eloquent speech of the speaker on the theme. The screen shots of the program are uploaded in the following twitter link.



Link: <https://x.com/MugberiaM/status/1824123100788597128>

3. Strengthening IIC with ATLS and SICs in schools and framework for providing mentorship guidance

The IIC of the college circulated the information of Institution's Innovation Council to both students and faculties of ATLS schools to actively participate in the IIC event. As a result of this circulation, three ATLS schools accepted our invitation and we are providing mentorship guidance to them. To make an awareness, the IIC arranged a session on 15.08.2024 through Google meet platform. About 36 participants were present. The screenshot of this session were uploaded in the following twitter link.

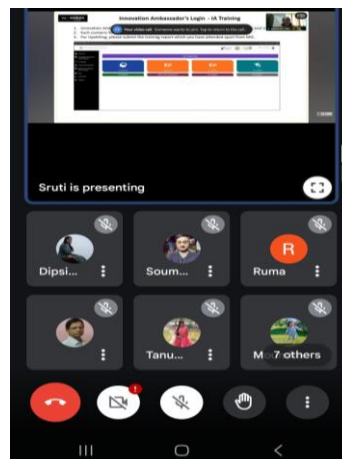
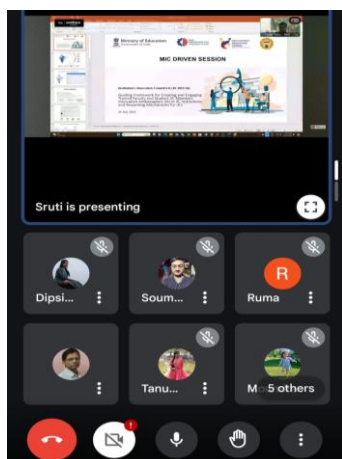


Twitter Link: <https://x.com/MugberiaM/status/1824006849982603464>

4. Guiding framework for creating and engaging trained faculty and students IIC Members, Innovation Ambassadors, and Rewarding Mechanisms for IAs

On notification from MIC, our Institution's Innovation Council has taken an initiative in Google meet platform on 15.08.24 to present the talk of MIC by sharing their YouTube so that all the participants from our institution can attend the talk in a single platform. All participants also join individually in the MIC official YouTube streaming. The participants were enriched with the information provided. The screen shots of the programme were uploaded in the following twitter link:

<https://x.com/MugberiaM/status/1824104821412032549>



Celebration activities

1. National Innovation Day Dated 17.10.23

The IIC, Mugberia Gangadhar Mahavidyalaya, observed National Innovation Day on 17.10.2023 in the S N Bose seminar hall of college to encourage and motivate the students about the importance of innovation day so that they can think innovatively and be self-confident to overcome any problems faced in their daily lives by using indigenous technology. In this programme, Dr Swapan Kumar Misra, Principal of the college was the inaugurator and Dr Bidhan Chandra Samanta, Associate Professor of Chemistry delivered the motivational speech in front of the students, the young minds. About 39 students and 13 teachers participated in this motivational programme.



Link:

<https://twitter.com/MugberiaM/status/1714474717183365613?t=d0GMCVv93kC0lCjG>

[UObBaA&s=08](#)

2. National Science Day Observation Dated 28.02.24

In the initiation of IIC, Mugberia Gangadhar Mahavidyalaya, all the science departments of the college observed National Science Day (NSD) on 28.02.2024 in the S N Bose seminar hall of college to encourage and motivate the students about the theme for the NSD 2024 titled "Indigenous Technologies for Viksit Bharat" so that they can think innovatively and be self-confident to overcome any problems faced in their daily lives by using indigenous technology.

In this programme, Dr Swapan Kumar Misra, Principal of the college was the inaugurator and delivered the motivational speech in front of the students, the young minds. About 67 students (M- 43, F- 24) and 9 teachers (M- 04, F- 05) participated in this motivational programme.



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<https://twitter.com/MugberiaM/status/1762883862592635266?t=eC1eTxw239eF9Zl5RvqoTQ&s=08>

3. National Youth Day Dated 12.01.24

The IIC, Mugberia Gangadhar Mahavidyalaya, observed National Youth Day on 12.01.2024 in the college premises on the occasion of 162 Birth anniversary of Swami Vivekananda to encourage and motivate the youth about the importance of the day so that they can be self-confident to overcome any problems faced in their daily lives. In this programme, Dr Swapan Kumar Misra, Principal of the college was the inaugurator and Dr Debasis Roy, Professor of Physical Education delivered the motivational speech in front of the students, the young minds and explained the importance of Yoga and sports in maintaining good health. About 67 students and 23 teachers participated in this sacred programme.

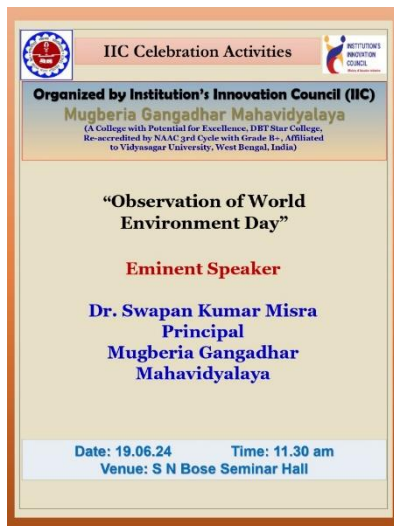


Link:

<https://twitter.com/MugberiaM/status/1745710281194635699?t=trM6jCov3a1OrIGM4oQx2A&s=08>

4. World Environment Day observation dated 19.06.2024

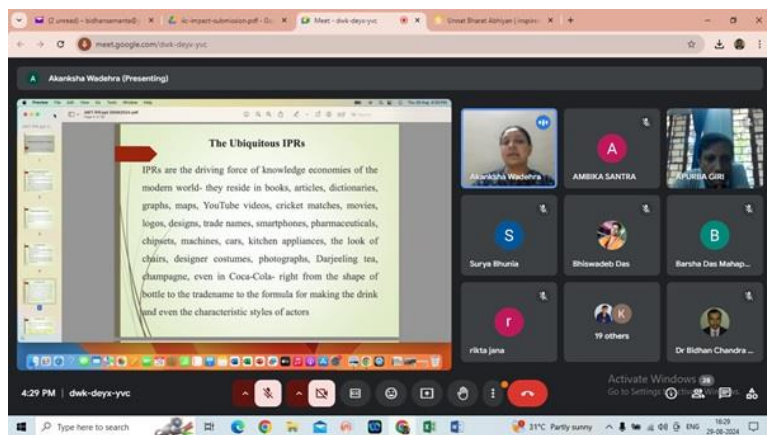
The department of Geography in association with IIC, Mugberia Gangadhar Mahavidyalaya, observed “**World Environment Day**” along with photography competition, focused on land restoration, desertification and drought resilience under the slogan “Our land, Our future on 19.06.2024 to aware the students and discuss about the challenges to protect our environment. In this programme, Dr Swapan Kumar Misra of the college was the speaker and delivered the motivational speech in front of the students, for protecting environment from pollution by reducing pollution driven activities. Irani Banerjee Chatterjee, HOD, Dept. of Geography conducted the programme as convener and about 43 students participated in this programme.



Link: <https://x.com/MugberiaM/status/1803486454049325481>

5. World Intellectual Property (IP) Day celebration (Q III) dated 29.08.2024

The world IP day celebration was done through online mode on 29/08/24 under IIC celebration activity (Quarter III). About 37 students and 07 faculty members of the college have participated in this programme. The eminent speaker for this programme was Dr. A. Wadehra Tandon, Patent Agent (India), Academician (Food Technology, Delhi University). She delivered keynotes on the importance to celebrate world IP day and various aspects related to IP and patent in front of the participants. The participants were very much satisfied and enriched with her informative presentation.



Link: <https://x.com/MugberiaM/status/1829558044591608284>

Self-driven activities

1. Career counselling programme on competitive exam and Entrepreneurship dated 09.01.2024

The department of Botany in association with IIC, Mugberia Gangadhar Mahavidyalaya, organized a workshop on “**Career counselling programme on competitive exam and Entrepreneurship**” dated 09.01.2024 to encourage and motivate the students about entrepreneurship and innovations as Career Opportunity. In this programme, Dr Swapan Kumar Misra of the college was the speaker and delivered the motivational speech in front of the students, for preparing themselves as self-entrepreneur by developing their entrepreneurship and innovations. About 33 students participated in this motivational workshop.



Link: <https://twitter.com/MugberiaM/status/1770061583735259277>

2. World Earth Day observation dated 22.04.2024

The department of Zoology in association with IIC, Mugberia Gangadhar Mahavidyalaya, observed “**World Earth Day**” on 22.04.2024 to aware the students and discuss about the theme planet vs. plastics. In this programme, Dr Swapan Kumar Misra of the college was the speaker and delivered the motivational speech in front of the students, for protecting our planet from plastic pollution by reducing the use of plastic. Dr Koushik Mondal, Dept. of Zoology conducted the programme as convener and about 39 students participated in this programme.



Link:

<https://x.com/MugberiaM/status/1782623703412736047?t=domyOI59de8Wvs4jZ35PtQ&s=08>

3. Exposure visit to the research laboratories and instrumental facilities in the department of Chemistry, IIT, Kharagpur and also visit to "Nehru Museum of Science and Technology" of IIT Kharagpur on 21.06.2024

An exposure visit to the research laboratories and instrumental facilities was organised by Department of Chemistry, Mugberia Gangadhar Mahavidyalaya in association with IIC of the college at department of Chemistry, IIT, Kharagpur to give information to the students about various research instruments and modern laboratories facilities. Students also visited Nehru Museum of Science and Technology of IIT Kharagpur and were enriched with the knowledge about various technologies to be used for presenting various scientific models. About 25 students and 4 teachers attended the programme.



Twitter link: <https://x.com/MugberiaM/status/1804356080992161922>

4. Industrial Visit at Raul Agro Pvt Ltd., Amarda, Jahalda, Paschim Medinipur

Department of Nutrition, Mugberia Gangadhar Mahavidyalaya organized an Industrial Visit at Raul Agro Pvt Ltd., Amarda, Jahalda, Paschim Medinipur on 04/07/24 to expose the students of Food Processing in a food production industry to gather some knowledge about various aspects as well as precautions and safety measures associated with food production. About 35 M.Voc 2nd and 4th sem students, 3 teachers and 1 lab attendant participated in this visit.



Twitter Link: <https://x.com/MugberiaM/status/1809232396266393620>

• Achievement by the Institute:

1. Reaccredited by NAAC (4th Cycle) with A grade (CGPA: 3.12)
2. Acquired 3.0 star during 22-23 activities
3. Filing a patent on Mat fibre reinforced composite
4. Technology developed on millet based food by M.Voc students, Mugberia Gangadhar Mahavidyalaya in 2023-24

- **No. of student's & faculty ideas generated**
No. of students: 13
No. of faculty: 02
- **No. of student's & faculty Innovation/prototypes developed:**
No. of students: 13
No. of faculty: 01
- **No. of IPs generated, published and granted: Nil**
- **No. of Student & Faculty Start-ups/Ventures established:**
No. of students: 0
No. of faculty: 01
- **Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: Rs. 1,50,000/-**
- **Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR: Rs. 80000/-**
- **No. of Technology Transfer and Commercialisation happened: 00**

**E. Highlight few best IIC Faculty/Student members and their achievements/
Rewarded for the innovations at different forum**

[Profile of few faculties with 2-3 line of their achievements]

Sri Goutam Jana, a faculty member in the Chemistry department, has developed innovative household products such as pen stands and ashtrays using biodegradable mat stick reinforced composite. His achievement has been filed for a patent.

Dr. Apurba Giri, a faculty member in the Nutrition department, has created a functional jam that has received high praise from the Institution's Innovation Council (IIC) of our college and the Department of Science, Technology, and Biotechnology, Government of West Bengal.

Additionally, some students pursuing an M.Voc. in Food Technology, Nutrition, and Management from the Nutrition department have developed a variety of functional foods incorporating millet. These creations were showcased in a poster competition organized by the IIC of our college during the "World Entrepreneur Day Celebration" activity under the Ministry of Education's Innovation Cell, Government of India.

F. Highlight selected best Innovations & images with mention of inventor/innovation name

- i. Pen stand from biodegradable mat stick reinforced composite by Goutam Jana, Faculty member, Chemistry



- ii. Functional Jam by Dr Apurba Giri, Faculty member, Nutrition



- iii. Innovation details from student members

| Sl. No. | Student's Name | Student's passport photo | Guide name | Guide's passport photo | Dissertation Topic | Picture of Developed product |
|---------|-------------------|---|----------------------|---|---|---|
| 1. | Chiranjit Pal |  | Khokan Chandra Gayen |  | Development of foxtail millet fortified reduced calorie mango jelly |  |
| 2. | Debabrata Pradhan |  | Ayan Mondal |  | Development of <i>kalakand</i> with foxtail millet (<i>Setaria italica</i>) fortification and sucrose replacement |  |
| 3. | Nabarupa Bar |  | Sruti Mandal |  | Development of ready to cook millet <i>khichdi</i> |  |
| 4. | Nilima Maiti |  | Sruti Mandal |  | Development of fried snacks <i>Papdi</i> with incorporation of foxtail, sorghum millet and chickpea flour |  |
| 5. | Oindrila Samanta |  | Dr. Apurba Giri |  | Development of foxtail millet-based chocolate spread |  |
| 6. | Prasenjit Pal |  | Monalisa Roy |  | Development of oil free millet based <i>Papad</i> |  |

| | | | | | | |
|-----|-----------------|---|-----------------|---|---|---|
| 7. | Priyanka Das |  | Sucheta Sahoo |  | Development of gluten free millet noodles |  |
| 8. | Sougata Acharya |  | Monalisa Roy |  | Development of millet based <i>Sattu</i> beverage |  |
| 9. | Subhajit Paria |  | Sucheta Sahoo |  | Development of millet based functional nutri-bar |  |
| 10. | Subhamay Jana |  | Dr. Apurba Giri |  | Development of proso millet incorporated reduced calorie <i>Burfi</i> |  |
| 11. | Subrata Ghosh |  | Ayan Mondal |  | Development of reduced calorie millet-based <i>Rabri</i> |  |
| 12. | Sumit Patra |  | Monalisa Roy |  | Development of millet incorporated functional biscuit |  |
| 13. | Supti Ojha |  | Dr. Apurba Giri |  | Development of sorghum millet incorporated reduced calorie flavoured milk |  |

- G. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name:** Preparation of vermin compost, edible mushroom and its marketing: Cofounder – Sri Durgapada Bhattacharya, President, Purba Medinipur Farmers' Association and Welfare Society and Sri Gourhari Acharya, Ex- Officer, Agriculture department, Bhagbanpur II block, Purba Medinipur, West Bengal
- H. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation:** Nil
- I. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs**
- **ARIIA – participation and Rank:** Participated but no rank
 - **NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation:** All are completed and report has been uploaded in the portal.
 - **NIRF – Participated**
 - **YUKTI – Idea submitted, assigned and recommended on verification at institute level.**
- J. Detail of Social Media & Connections of IIC institute:** All the activities of IIC are uploaded in the Twitter account of the college.
- K. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell:**

All IIC members, including external representatives, have commended the initiatives taken by the Ministry of Education's Innovation Cell to encourage institutions to engage in activities focused on innovation, entrepreneurship, intellectual property rights (IPR), idea development, and prototype creation, all contributing to the vision of making India Atma-Nirbhar. Brainware University, our college's Mentor Institute, has also praised the IIC's efforts, recognizing its achievements despite the typical limitations faced by general degree colleges. They have assured us of their ongoing support and guidance in transforming ideas into prototypes.