GM University

INNOVATION WEEK
REPORT

DATE: 18-MARCH-2024 TO 24-MARCH-2024

Centre for Innovation and New Product Ideas
Centre for Business Incubation and Entrepreneurship

www.gmu.ac.in/innoprod

Event Coordinators

Dr.Girish Bolakatti
Director, INPI

Dr.Nagalingappa G
Director, BIE

Dr.S R Shankapal
Vice Chancellor, GMU

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Introduction

Welcome to the vibrant and dynamic landscape of GM University's Innovation Week dated 18th to 23rd March 2024, a celebration of creativity, ingenuity, and entrepreneurial spirit. In collaboration with Arrks Inovtech Pvt Limited, Bangalore, a renowned leader in innovation-driven solutions, GM University proudly presents a week-long extravaganza dedicated to igniting the sparks of innovation and fostering the next generation of visionary thinkers and doers.

As we embark on this exhilarating journey of exploration and discovery, Innovation Week emerges as a testament to our unwavering commitment to nurturing a culture of innovation and entrepreneurship within our academic community. Through a synergistic partnership between academia and industry, Innovation Week offers an unparalleled platform for students to showcase their innovative prowess, exchange ideas with industry experts, and embark on transformative entrepreneurial endeavours.

From ground breaking research projects to revolutionary product prototypes, Innovation Week showcases the myriad ways in which our students are pushing the boundaries of knowledge and creativity to address real-world challenges. With a rich tapestry of workshops, seminars, and interactive sessions, participants are immersed in a vibrant ecosystem of learning, collaboration, and inspiration, propelling them towards new heights of innovation and excellence.

As the clock ticks towards the dawn of a new era, Innovation Week emerges as a beacon of inspiration, guiding us towards a future fuelled by ingenuity and possibility. Together with Arrks Inovtech Pvt Limited, a beacon of innovation in its own right, GM University stands at the forefront of a transformative journey, poised to unleash the full potential of our student community.

Objectives of Innovation week

1. **Promoting Creativity and Innovation:** The primary objective is to foster a culture of creativity and innovation among students. It encourages them to think outside the box, explore new ideas, and develop innovative solutions to real-world problems.

2. **Showcasing Student Talent:** Innovation Week provides students with a platform to showcase their talents, ideas, and projects to a wider audience. It celebrates their achievements and encourages them to take pride in their work.

3. **Encouraging Entrepreneurship**: By allowing students to exhibit their new ideas for entrepreneurship, Innovation Week aims to foster an entrepreneurial mindset among participants. It provides an opportunity for students to explore the commercial potential of their innovations and encourages them to pursue entrepreneurship as a career path.

4. **Facilitating Collaboration:** Innovation Week brings together students, faculty, industry professionals, and other stakeholders to collaborate, share ideas, and exchange knowledge. It creates opportunities for networking and partnership-building, which can lead to further collaboration on innovative projects.

5. **Supporting Intellectual Property Development:** By encouraging students to take their ideas for entrepreneurship seriously and providing support for patenting and further incubation, Innovation Week aims to support the development of intellectual property. This helps protect students' innovations and lays the groundwork for potential future commercialization.

Overall, Innovation Week serves as a catalyst for creativity, entrepreneurship, and collaboration within the academic community, while also promoting the development of valuable intellectual property.

Organizing Innovation Week

Innovation Week, a hallmark event at our GM University, was meticulously organized through a collaborative effort between Arrks Inovtech Pvt Limited, the Centre for Innovation and New Product Ideas, and the Centre for Business Incubation and Entrepreneurship. This collaborative endeavour aimed to nurture a culture of innovation and entrepreneurship among our students while providing them with a platform to showcase their ingenuity and creativity.

Collaborative Partnership: The success of Innovation Week was made possible through the collaborative partnership between Arrks Inovtech Pvt Limited, a renowned innovation-driven company, and our university's Centre for Innovation and Entrepreneurship. This partnership brought together expertise from industry and academia to create a dynamic and enriching environment for students.

Diverse Activities: Innovation Week comprised a series of activities designed to engage and empower students. These activities included Registration of Students, Students were invited to register and participate in Innovation Week, encouraging widespread involvement and participation.

Two-Day Workshop on Innovation and New Product Ideas: A comprehensive workshop was conducted over two days, focusing on fostering creativity, innovation methodologies, and the development of new product ideas. This workshop provided students with valuable insights and tools to fuel their innovative pursuits.

Student Evaluation and Grading: Rigorous evaluation and grading processes were implemented to assess the quality and feasibility of student projects. This ensured that only the most promising ideas were selected for further development.

Selection of Commercially Feasible Ideas: Emphasis was placed on identifying and selecting commercially viable ideas with the potential for real-world impact. This strategic approach aimed to support students in translating their innovations into tangible business opportunities.

Support for Patents: Students with promising ideas were provided with guidance and support for the patenting process, safeguarding their intellectual property rights and laying the foundation for future commercialization efforts.

University Support for Incubation: Through collaboration with GMU University, selected student projects were offered support for incubation, providing them with the resources, mentorship, and infrastructure needed to nurture their ideas and catalyze their entrepreneurial journey.

Budget

Sl No	Particulars	Amount
01	Technical Expert (For 6 Experts) **Arrks Invotech**	200000
02	Hackathon Hardware's and software's	50000
03	Hand Book	18000
04	Stall (Twenty Stall) Tent + lighting + other facilities	10000
05	Juice (To all students and staff)	20000
06	Water Bottles (Guest + Staff)	2000
07	Writing pad, File, color pens	20000
08	Prizes (4 Different Faculty) 1st, 2nd and 3rd Prize Engineering 10000 + 3000 + 2000 Pharmacy + BSC+ and others 10000 + 3000 + 2000 MBA + BCA 10000 + 3000 + 2000	45000
09	Certificates	5000
10	Trophy / Medal	10000
11	Evaluation committee + coordinators	10000
12	Flowers + Bouquet + Photography	10000
13	Miscellaneous	10000
Total		4,10,000/-

I kindly request you to give the permission for above mentioned arrangements

Thanking you,

21/03/24

Yours faithfully

(Dr. Girish Bolakatti)

Director, Centre for Innovation and New Product Idea

Outcome and Impact

The collaborative efforts of all stakeholders resulted in a highly successful Innovation Week, with significant outcomes and impacts including:

- Empowering students to unleash their creativity and innovation potential.
- Facilitating the development of commercially viable ideas and intellectual property.
- Providing students with practical skills, knowledge, and resources to pursue entrepreneurship.
- Fostering collaboration and partnership between academia, industry, and the entrepreneurial ecosystem.
- Cultivating a culture of innovation and entrepreneurship within the university community.

List of Ideas from different disciplinary are as follows

Serial No	New Idea	Faculty
1	Formulation and evaluation of pH sensitive biofilms for food packaging industries	Pharmacy
2	Amla Serum	Pharmacy
3	Herbal Tampons	Pharmacy
4	Fuel-free electricity generator	Pharmacy
5	Alcohol detection and vehicle controlling	Faculty of Engineering – GMU
6	Auto-Glow	Faculty of Engineering – GMU
7	Black Box for Cars	Faculty of Engineering – GMU
8	Brain Arch	Faculty of Engineering – GMU
9	Breaking Boundaries of Iron Pnictides Redefining Quantum Sensor Technology	Faculty of Engineering – GMU
10	Global GPS tolling travel system app	Faculty of Engineering – GMU
11	H Waste to Electricity	Faculty of Engineering – GMU

12	Headlight Sensor	Faculty of Engineering – GMU
13	Mobile booking of Library seat	Faculty of Engineering – GMU
14	Notes Hub	Faculty of Engineering – GMU
15	Smart campus navigation system	Faculty of Engineering – GMU
16	Seamlessly Integrating E-commerce and Social Networking	Faculty of Engineering – GMU
17	Waste management using AI	Faculty of Engineering – GMU
18	Solar Panel-Electricity implementation	School of Computer Application / FCIT
19	Agriculture Management System	School of Computer Application / FCIT
20	EV Charging Station on Wheel	School of Computer Application / FCIT
21	Transforming waste into Innovation	School of Computer Application / FCIT
22	Ginger collecting and mud separating machine	School of Computer Application / FCIT
23	Take care for old age people	School of Computer Application / FCIT
24	Bike Accident alerting device	School of Computer Application / FCIT
25	3C's	MBA -GMU
26	B2B	MBA -GMU
27	Career Build	MBA -GMU
28	FIN –Tec friend	MBA -GMU
29	Pet's Creation	MBA -GMU
30	Ru-Cart	MBA -GMU
31	Unique Pet's	MBA -GMU
32	VEGRUIT DROP	MBA -GMU
33	Vintage	MBA -GMU

Title of the Project : Solar Panel-Electricity implementation

School :   School of Computer Application / FCIT

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23C01CA030	Madhu Sudhan M R	8792313677	mmadhu40719@gmail.com
2.	U23C01CA054	Shiva Kumar S D	6363150214	sdevagiri@gmail.com
3.	U23C01CA002	Abhilash M A	8147839591	abhilashamabhilasham31@gmail.com
4.	U23C01CA067	Vikas D H	9380346924	vinayavikasdh2193@gmail.com

Synopsis:

Solar charge stations are an innovative solution that harnesses the power of the sun to charge electric vehicles and other devices. In your report, you can discuss the benefits of solar charge stations, such as reducing greenhouse gas emissions and promoting clean transportation. You might also want to explore the technology behind solar charge stations, including the solar panels, energy storage systems, and charging infrastructure. Additionally, you can highlight real-world examples of successful solar charge stations and their impact on sustainability.

Title of the Project/Idea: Agriculture Management System

School :   School of Computer Applications / FCIT

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23C01CA006	APOORVA BILAGALI	9380229289	apoorvabilagali2005@gmail.com
2	U23C01CA040	PRANATHI G S	9632906443	pranathigsgowda693@gmail.com
3	U23C01CA014	BHOOMIKA S L	8867427033	bhoomikaslbhoomikasl46@gmail.com
4	U23C01CA057	SINCHANA K S	7411155784	sinchanachar1920@gmail.com

Synopsis:

An agriculture management system typically involves software or technology solutions designed to streamline and optimize various aspects of agricultural operations. This can include tasks like crop planning, resource management, inventory tracking, field monitoring, and financial management. These systems often utilize data analytics, IOT (Internet of Things) devices, and other technologies to improve efficiency, productivity, and sustainability in farming practices

Photograph:

Title of the Project/Idea: EV Charging Station on Wheel

School :   **School of Computer Applications / FCIT**

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23C01CA056	SHRIDHAR	9964657052	Shridharp325@gmail.com

Synopsis:	Photograph:
EV charging station on wheel is the concept for the people who are having EV vehicle. When the electric vehicle does not have charge and there is no nearby charging station then our concept will work when there is no charge in the vehicle then our vehicle containing of a generator will go to the vehicle and charge the vehicle.	

INNOVATION WEEK – 2024

Title of the Project/Idea: Transforming waste into Innovation

School: School of Computer Application /FCIT

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23CO1CA023	K VISHWASHEETAL SINTALKAR	9380474080	v90369@gmail.com
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4.	U23CO1CA049	SANDEEP	6363108887	sd8757@gmail.com

Synopsis:

Graphene Eco Plast a super-strong, eco-friendly material made from recycled plastic. It's tough, lightweight, and perfect for all sorts of things, like cars, and more. By converting plastic waste into graphene, we're helping the environment by reducing plastic pollution and creating a useful material.

Photograph:

INNOVATION WEEK – 2024

Title of the Project/Idea: Ginger collecting and mud separating machine

School : **School of Computer Applications / FCIT**

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23C01CA053	Shashank S M	8073278318	shashank.avt.123@gmail.com
2	U23C01CA051	Sanjay M	9845198486	malleshmalli612@gmail.com
3	U23C01CA003	Adarsha Gouda D Patil	9845642942	adarshgowda0407@gmail.com
4	U23C01CA011	Bhanu prakash	8867037531	bhanuprakash046@gmail.com
5	U23C01CA069	Vinay S B	7975563764	sdv28332@gmail.com

Synopsis:

Our innovation idea is Making a machine of ginger cutting, mud separating and collecting ginger. We found this idea because ginger charges up to 20,000 to 25,000 of labour charge per acres after growing. So our machine will do all these work at low time and low cost this also help farmers to get more profit for their crop.

Photograph:

INNOVATION WEEK – 2024

Title of the Project/Idea: Take care for old age people

School : School of Computer Applications / FCIT

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23C01CA005	ANUSHA S N	8197783807	anushasn807@gmail.com
2	U23C01CA050	SANJANA R	9663816018	sanjusanjana7719@gmail.com
3	U23C01CA009	ASHWINI H	7204554451	hashwini690@gmail.com
4	U23C01CA043	RANJITA S H	6361755685	ranjithahalligoudra2005@gmail.com
5	U23C01CA045	SABHA NAZA	9740819059	sn0440551@gmail.com

Synopsis:

Take care for old Age People, is an innovative app designed to streamline and enhance the care giving experience for elderly individuals. Users can easily connect with qualified caregivers who provide personalized assistance, ranging from medication reminders to companionship and household tasks. The app features real-time communication, appointment scheduling, and progress tracking, ensuring that seniors receive the highest level of care and support. With user-friendly interfaces and comprehensive features, Care Connect revolutionizes how we care for our aging loved ones, promoting independence, dignity, and peace of mind for both seniors and their families.

Photograph:

INNOVATION WEEK – 2024

Title of the Project/Idea: Bike Accident alerting device

School : **School of Computer Applications / FCIT**

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23C01CA019	H ASIF GOUSE	8792655488	asifasif112005@gmail.com
2	U23C01CA029	MADHU H NAGAPPANAVAR	8217464727	madhuhnagappanavar@gmail.com
3	U23C01CA047	SAHANA RAIKAR	7411733569	sahanaraikar@gmail.com
4	U23C01CA034	MOHAMMED HASIBULLAH KHAN	8147222903	hasibullaek@gmail.com
5	U23C01CA031	MAHESH T C M	9164702761	tggaming054@gmail.com

Synopsis:

A bike accident alerting device is gadget attached to the bike. It uses a compact bicycle or worn by sensors to detect sudden movements indicative of crash. In Ghats we can't find the spot location, when an accident is detected, It triggers alerts such alarms', lights, parents or notifications to relations smart phone contacts, and also in photo optical emergency nearby police stations, hospitals & ambulance. Our device has inbuilt GPS which will immediately send your live location to hospital, police station and also it will send your location to the contacts which you have saved in our device and Emergency services team Spot the location. We can Save many life's by this product.

Photograph:

Title of the Project/Idea: Alcohol detection and vechile controlling

School/Department/College : GMU Engineering

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CY026	Sharada S	7760187259	ssharada2785@gmail.com
2.	U23E01IS023	Saraswathi S	9353057742	saraswathisaraswati18@gamil.com
3.	U23E01CY027	Shraddha Hiremath	8904696780	iremathshraddha@gmail.com
4.	U23E01CS008	Bindu C Patil	9110873271	bcpatilblr@gamil.com

Synopsis:

➤ The purpose of this project is to develop vehicle accident prevention by method of alcohol detector in an effort to reduce traffic accident cases based on driving under the influence alcohol .
This project is developed by integrated the alcohol sensor with the Microcontroller

➤ The alcohol sensor used in this project is MQ-3 which to detect the present of alcohol content in human breath .

➤ An ignition system which will produce spark plugs is build up as a prototype to act like the ignition starter over the vehicle's engine .

➤ The ignition system will operate based on the level of blood alcohol content (BAC) from human breaths detected by alcohol sensor.
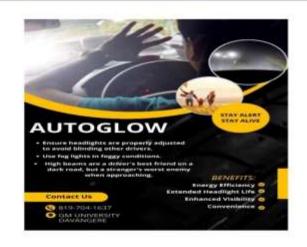
Title of the Project/Idea : AutoGlow

School/Department/College : Faculty of Engineering, GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CS037	Mohammadjunaid Kotwal	897041637	junaidkotwal1538@gmail.com
2.	U23E01CS	R Umme Saniya	7975694842	Rummesaniya18@gmail.com
3.	U23E01CS022	Khadergouse Savanur	7353625114	Khadergous12@gmail.com
4.	U23E01CS038	Md Zaid	9686922826	Zaidzaidmd3741@gmail.com
5.	U23E01CS036	Maqsood M D	8792404950	maqsoodmdhrl@gmail.com

Synopsis:

1. **Initial Encounter:** Two vehicles approach each other on a dimly lit road, headlights piercing through the darkness as they draw nearer.
2. **Mutual Adjustment:** Both drivers instinctively adjust their headlights, toggling between high and low beams to avoid blinding each other while maintaining sufficient visibility.
3. **Momentary Blindness:** Despite their efforts, there's a brief moment where one driver's headlights momentarily dazzle the other, causing a split-second of disorientation.
4. **Courtesy Gesture:** Recognizing the discomfort caused, one driver quickly dips their headlights as a courteous gesture, allowing the other driver to regain clear vision.
5. **Continued Journey:** With headlights now appropriately adjusted, both vehicles pass each other safely, continuing their journeys with enhanced visibility and mutual respect for fellow road users.

Title of the Project/Idea: Black Box for Cars

School/Department/College : GMU Engineering

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01IO004	S sachin	9538124888	Sachinsham321@gmail.com
2.	U23E01CC005	Manjunath vaman shetty	9481806147	Manjushetty020@gmail.com
3.	U23E01IS028	Sujoy kar	8073054288	Sujoy0308@gmail.com
4.	U23E01BS011	Yuvaraj v bhajantri	8618351317	Yuvarajbhajantri736@gmail.com

Synopsis:

Our idea aims to develop a cutting-edge black box system for cars, leveraging advanced technology to enhance safety, efficiency, and performance in the automotive industry. By integrating sensors, data analytics, and real-time monitoring capabilities, our solution would provide valuable insights into vehicle operation, driving behaviour, and environmental conditions. With a focus on innovation, reliability, and customer support, our black box system will be able to offer a viable solution for individual vehicle owners, fleet operators, insurance companies, and regulatory bodies, ultimately contributing to safer roads and optimized transportation networks.

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Title of the Project/Idea: Brain Arch

School/Department/College: Faculty of Engineering - GMU

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01IO002	Mohammad Qamruddin	9916158152	razaqamar449@gmail.com
2.	U23E01CY017	Mohammed Asadulla K	9480948082	mohammedilhan786@gmail.com
3.	U23E01AI031	MD Mohammad Ghouse	9880555845	ghousemdghouse589@gmail.com
4.	U23E01AI061	Syed Hashim	7892267796	hashimsyed7778886@gmail.com
5.	U23E01CY029	V P Venkatesh	9972345890	valapurvenkatesh@gmail.com

Synopsis:

This text provides an overview of online educational platforms that cater to various needs, from Learning Management Systems (LMS) to tutoring services like Chegg Tutors and Tutor.com. Students can access course materials, personalised assistance, and interactive learning experiences through platforms like Khan Academy, Coursera, and Duolingo. Study tools like Quizlet and collaboration platforms like Google Workspace enrich learning journeys, while research databases like JSTOR and language learning platforms like Rosetta Stone augment academic exploration. By considering factors like content quality, user interface, and compatibility, students can effectively leverage these platforms to achieve academic success.

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Title of the Project/Idea: Breaking Boundaries of Iron Pnictides Redefining Quantum Sensor Technology

School/Department/College : Faculty of Engineering, GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01AI071	Yashwanth V S	9964778336	yashuudevang@gmai.com
2.	U23E01AI047	Rohit Sridhar Ladwa	8088892911	Ladwarohit9@gmail.com
3.	U23E01AI065	Vaibhav K Kumbar	9482909625	vaibhavkkumbhar@gmail.com

Synopsis:

About our innovation Project Its related to QUANTUM SENSORS Mechanism inMRI Scanners and many more. In quantum sensors majorly consists of superconductors and also Quantum sensors is the most costliest sensor so Since superconductors materials (NIOBIUM) Most costliest material so by replacing NIOBIUM into Iron pnictides the cost will be reduce more and also the Quality will enhance More good compare to niobium . We have researched about this in many references and finally it is possible to make it.

INNOVATION WEEK – 2024

Title of the Project/Idea: Global GPS tolling travel system app

School/Department/College : Faculty of Engineering –GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1	U23E02EC005	Ayush GS	7204966910	Ayushprograms2004@gmail.com
2	U23E02EC021	Manoj D C	8310226335	Manojdcl1966@gmail.com
3	U23E02EC022	Manu KT	9108146140	Ktmmanu7311@gmail.com
4	U23E02EC025	Mohd. Owais Raza	9535807785	Mdowaisraza.007@gmail.com
5	U23E02EC039	Shreyas T	6360464471	Shreyut2005@gmail.com

Synopsis:

GPS- based Tolling System: Develop a GPS- based Tolling System that utilizes GPS Technology installed in vehicles to automatically detect when a vehicle enters and exits a tolled road segment. This system eliminates the need for physical toll gates and manual toll collection process, providing a seamless tolling experience for drivers.

Title of the Project/Idea: H Waste to Electricity

School/Department/College : Faculty of Engineering, CS AIML

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01AI019	Ganesh chaithanya .U	9449584809	chaithanyaug@gmail.com
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3.	U23E01AI050	S.K. Karthik	7204262195	karthiksk746@gmail.com
4.	U23E01AI062	Tarun P.S.	9036351517	tarunmallu2005@gmail.com
5.	U23 E01AI068	Venketesh M B	7899554855	Venkateshdesai92@gmail.com

Synopsis:

Our team idea was based on the conversion of heat energy into electricity from a moving car by using a device i.e. going to our 'USP', since by using this a person would be capable of converting , storing and reuse of the energy generated by the device. The device would be placed near the hot places of a car(i.e. engine etc.), so it would absorb heat energy from the surrounding and convert it into electric energy. I believe it this idea or product would completely revolutionize the auto-mobile industry.

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Title of the Project/Idea: Headlight Sensor

School/Department/College : Faculty of Engineering, GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E02EC001	AKASH C M	8660497984	akashcmellalli@gmail.com
2.	U23E02EC011	HARISH GOWDA S K	7996503384	hharishgowda62@gmail.com
3.	U23E02EC020	MANJUNATHA H M	8073263183	Manjunathahm1315@gmail.com
4.	U23E02EC034	SANDEEP S N	7259642447	sandeepsn366@gmail.com
5.	U23E02EC036	SHASHANK B ANVEKAR	9480343100	shashankanvekar19@gmail.com

Synopsis:

The purpose behind the presentation of this paper is to design and develop a prototype model of the Automatic Headlight Dimmer. The objective to develop this prototype is to reduce the number of accidents due to headlights of the vehicle at high beam during the night. While traveling at night drivers use the high beam of the headlight for a clear view of the distant object, especially on highways. This high beam of the headlight hits the eyes of the driver coming from the opposite end. This bright light from the opposite end causes a sudden glare in front of the driver. This sudden glare experienced by the driver is called the Troxler Effect. To provide safety and comfort to the drivers from frequent switching of the headlight from low beam to high beam, this prototype will be highly beneficial. The prototype uses an LDR sensor which acts as a variable resistor. The LDR sensor converts high beam to low beam with the help of other electrical components. This system will be useful in the automobile sector in bringing automation to the headlight controls.

Title of the Project/Idea: Mobile booking of Library seat

School/Department/College: Faculty of Engineering - GMU

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CS067	Sinchana M	8310430151	msinchana1@gmail.com
2.	U23E01CS058	Rohini K G	9945171419	Rohinikg4@gmail.com
3.	U23E01CS020	Kavya CR	8431025119	Kavyacr2005@gmail.com
4.	U23E01CS043	Pragathi SP	7019893825	Sppragathi21@gmail.com
5.	U23E01CS004	Annapoorna SK	6362887009	Annapoorna.sk777@gmail.com
6.	U23E01CS014	Harshitha H M	8088811325	Harshitahm107@gmail.com

Synopsis:

As innovative idea for mobile booking of library seats would involve developing a user friendly mobile app that follows students or library patterns to reserve specific seats in advance, providing options such as choosing preferred location with in the library time slots given and even specific emenities like access to power outlets or quite study area. Additionally, integrating features such as notification for seat availability, reminders for upcoming bookings and the ability to extend or cancel reservations would enhance the user experience.

Title of the Project/Idea: Notes Hub

School/Department/College: Faculty of Engineering - GMU

Team Details:

Sl. No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CY0001	Abhiram Girish Naik	6363962653	abhiramgirishnaik@gmail.com
2.	U23E01AI022	Jayadeva M R	6361219778	mr.jayadev18@gmail.com
3.	U23E01AI044	Rahul R G	8296537643	rahulrgadgimata@gmail.com
4.	U23E01CS060	Sachin M Poojar	87920407732	oneshot990033@gmail.com

Synopsis:

Notes Hub" is a user-friendly website offering students easy access to download notes and study materials. The platform categorizes notes by subject, topic, and academic level, facilitating quick searches. Additionally, it features a community forum for students to engage with peers, ask questions, and share insights. "Notes Hub" aims to simplify educational resource access, saving students time and effort in their studies, and fostering a collaborative learning environment.

Title of the Project/Idea: Smart campus navigation system

School/Department/College : Faculty of Engineering, GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CSO65	SHREYA B YADAV	9019099755	shreyabyadav05@gmail.com
2.	U23E01CS028	LAKSHMI B C	6360559486	lakshmibc72@gmail.com
3.	U23E01CS029	LIKHITHA C Y	9036645600	likhithaa0110@gmail.com
4.	U23E01CS042	NISHA V PAWAR	8904372208	nishavpawar028@gmail.com
5.	U23E01CS050	PRIYA M C	8861121536	priyamchikkeri088@gmail.com
6.	U23E01CS054	RAKSHITHA G R	9380894031	rakshitharakshitharudramuni@gmail.com
7.	U23E01BS001	ARCHANA V V	7892696278	archanavv706@gmail.com

Synopsis:

Our project is about a smart campus navigation system, it deals with google maps of our college campus like every year so many students will take admission in this college and they are not friendly with our college campus and also they don't know where the staff rooms of the particular faculty they can use our website

We are very glad to express our gratitude towards innovative week coordinate faculties. We got a opportunity to showcase our skills and also learnt so many things from the innovation week

INNOVATION WEEK – 2024

Title of the Project/Idea: Style Sync: Seamlessly Integrating E-commerce and Social Networking

School/Department/College : Faculty of Engineering, GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CY010	Harshitha K B	7892518833	harshithakb387@gmail.com
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3.	U23E01CC009	Samiya Sulthana T	7019583955	samiyasultanat2005@gmail.com
4.	U23E01CY025	Sanjana N Patel D	9535357552	sanjanan1035@gmail.com
5.	U23E01IY003	Syeda Fathima Zohra	7795026997	syedazohra761@gmail.com
6.	U23E02EC045	Zainab Rahil Quazi	8767494812	zainabquazi01@gmail.com

Synopsis:

This innovative app caters to both consumers and businesses. Users benefit from a seamless integration of social media and e-commerce, enabling them to discover products, engage with designers, customize purchases, and contribute to sustainability efforts. By offering virtual try-ons and personalized suggestions, users enhance their shopping experiences. Small businesses gain a platform to showcase their products, connect with customers, and expand their reach, fostering growth and competitiveness. Ultimately, the app bridges the gap between social interaction and online shopping, providing mutual benefits for users and businesses alike in a dynamic and interconnected marketplace

INNOVATION WEEK – 2024

Title of the Project/Idea: Waste management using AI

School/Department/College : Faculty of Engineering, GMU

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	U23E01CS010	Chandana A.P	8317489749	Chandanaap73@gmail.com
2.	U23E01CS025	Kousthubha S V	9019716749	Kousthubhasv@gmail.com
3.	U23E01IS004	Divyashree K M	8197055118	Divyashreekm4@gmail.com
4.	U23E01IS009	Kusuma P	6361678041	Bv69372@gmail.com
5.	U23E01IS017	Pratibhavati S A	9964890899	Pratibhaambi13@gmail.com

Synopsis:

Waste management using AI – This project is aboutTo manage waste by using AI automated robots for collection ,sorting and filteringand maintenance of waste .In this we are using AI based sensors to detect the waste and recylable process.Here we are using AMC robots for recycling process.We are sorting waste based on physical property,covalent bond and chemical composition based on how they manufactured.By this we can reduce the waste generation and we can also decrease the toxicity of waste in lesser time with risk free

Title of the Project/Idea: Formulation and evaluation of pH sensitive biofilms

School/Department/College: GM Institute of Pharmaceutical Sciences and Research.

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	20P7201	Karthik V	7483486465	karthikv7483@gmail.com
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3.	20P7178	Abhishek N	8088877429	abhishekn.gmips@gmail.com
4.	20P7218	Sahana S	8147293897	sahanasachar5@gmail.com
5.	20P7230	Tejasvini K V	7353182110	tejasvini.gmips@gmail.com
6.	20P7199	Jeevan H	8722605204	jeevanh.gmips@gmail.com

Synopsis:

The primary objective is to develop and market a Food Spoilage Detector film specifically designed for the processed food industry. This film aims to address a critical need within the industry by providing a reliable and efficient method for detecting spoilage in processed foods. The detector will employ advanced technology to accurately assess the freshness and quality of food products, helping food manufacturers and distributors maintain high standards and reduce waste.

INNOVATION WEEK – 2024

Title of the Project/Idea: Amla Serum

School/Department/College : GM Institute of Pharmaceutical Science and Research

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	21P6244	Prajwal B	7795095538	prajwalb0607@gmail.com
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3.	21P6253	Sharan P	7022569517	sharansuguru@gmail.com
4.	21P6232	Naveen S	9606868046	naveen.navi6304@gmail.com

Synopsis:

The modern cosmetics may cause skin cancer, rashes, inflammation, irritation, itching etc. Our product has a solution for the above listed side effects caused by other cosmetic products. Our product is amla vitamin c serum along with antineoplastic properties. Selling prices of other serums are usually high. We strive do to work on the serum of Vitamin C and other property rich constituents from abundantly available source i.e., Amla

INNOVATION WEEK – 2024

Title of the Project/Idea: Herbal Tampons

School/Department/College: GM Institute of Pharmaceutical Sciences and Research

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	21P6205	Gaganshree	9148492634	gaganakusuma2226@gmail.com
2.	21P6219	Krutika L	7090942219	krutikaal04@gmail.com
3.	20P7181	Amogh V	7892157255	amoghvg2001@gmail.com
4.	20P7179	Afreen Taj	9972252082	afreentaj1800@gmail.com
5.	20P7219	Saniya	7795260023	saniyakm.gmipsr@gmail.com

Synopsis:

Summary: Herbal-infused tampons, particularly those with all antispasmodic activities, offer a natural approach to menstrual care. anti-inflammatory properties provide pain relief, while its antimicrobial action supports vaginal health. Additionally, herbal components may help in regulating menstrual flow. It's also having benefits of non-harmful to nature and humans, pocket friendly, 100% organic and effective in pain relief

INNOVATION WEEK – 2024

Title of the Project/Idea: Fuel-free electricity generator

School/Department/College: GM Institute of Pharmaceutical Sciences and Research

Team Details:

Sl.No	USN/Register Number	Name of the Candidate	Phone Number	e-mail ID
1.	20P7232	VARUN YADAV B N	6361956915	Bnvyadav@gmail.com
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3.	20P7212	PREETHAM R	8147250729	Preetham.gmips@gmail.com
4.	20P7189	BASAVARAJ M K	9591745422	Basavrajgmipsr@gmail.com

Synopsis:

These generators have the ability to completely transform the energy sector because they produce electricity without the need for traditional fuel sources like natural gas, diesel, or gasoline. This is especially true given the growing interest in alternative power production technology. Self-running generators seem to violate the rules of energy conservation because they run continuously, in contrast to traditional generators that depend on fuel.

Observations - Innovation week

Diverse Participation: While Innovation Week saw participation from various departments like pharmacy, engineering, commerce and management studies students and there might be opportunities to encourage even broader involvement across disciplines. Observing which departments or groups were less represented could inform targeted outreach efforts to ensure inclusivity and diversity in future events.

Quality of Ideas: Assessing the quality and feasibility of student projects during the evaluation process revealed areas where students excelled and areas where improvement is needed. Identifying common strengths and weaknesses across projects can guide future workshops and training sessions to address specific skill gaps and enhance the overall quality of ideas presented.

Engagement and Interaction: Evaluating the level of engagement and interaction among participants during workshops and activities can provide insights into the effectiveness of the event format and content delivery. Observing which sessions garnered the most enthusiasm and participation can inform the design of future sessions to maximize engagement.

Recommendations

Enhanced Cross-disciplinary Collaboration: Encourage greater cross-disciplinary collaboration by facilitating opportunities for students from different departments to work together on innovative projects. This could involve organizing interdisciplinary brainstorming sessions, project teams, or workshops to foster collaboration and exchange of ideas.

Targeted Skill Development: Offer targeted skill development sessions or workshops based on the identified areas for improvement. These sessions could focus on specific innovation methodologies, entrepreneurship skills, or technical areas relevant to the types of projects students are working on. Providing practical guidance and resources tailored to students' needs can help them develop their ideas more effectively.

Interactive Workshops and Activities: Design workshops and activities that promote active participation, collaboration, and hands-on learning. Incorporating interactive elements such as group discussions, brainstorming exercises, prototyping sessions, and peer feedback can enhance engagement and create a dynamic learning environment.

Expanded Mentorship Opportunities: Provide opportunities for students to receive mentorship and guidance from industry experts, faculty members, alumni, and entrepreneurs. Establishing mentorship programs or connecting students with mentors who have relevant expertise can offer valuable insights, advice, and networking opportunities to support their innovation journey.

Continuous Feedback Mechanism: Implement a feedback mechanism to gather input from participants, organizers, and stakeholders following the event. Soliciting feedback on various aspects of the Innovation Week, such as content, format, organization, and overall experience, can help identify strengths, weaknesses, and areas for improvement to inform future planning and iterations of the event.

By incorporating these observations and recommendations into future innovation programs, organizers can create an even more impactful and enriching experience for participants, fostering a culture of innovation and entrepreneurship within the university community.

Conclusions

Innovation Week served as a catalyst for unleashing the boundless creativity and entrepreneurial spirit of our student community. With 32 innovative ideas showcased during the event, it's evident that our students possess a wealth of ingenuity and potential to drive meaningful change in society.

Celebrating the success of Innovation Week, we proudly acknowledge the outstanding achievements of our students, with two projects deserving of cash prizes for their exceptional innovation and commercial viability. Furthermore, the recognition of five projects by the Manthan funding agency from the Government signifies the real-world impact and potential scalability of our students' endeavours.

As we reflect on the accomplishments of Innovation Week, we are inspired by the collaborative efforts of students, faculty, industry partners, and government agencies in fostering a vibrant ecosystem of innovation and entrepreneurship. Looking ahead, we remain committed to nurturing and supporting the innovative pursuits of our students, empowering them to transform ideas into impactful ventures that shape the future.

Innovation Week is not merely an event but a testament to our collective dedication to fostering innovation, driving economic growth, and creating positive change. As we continue our journey of exploration and discovery, let us embrace the spirit of innovation, collaboration, and entrepreneurship, ensuring that our endeavours continue to inspire and enrich lives far beyond the confines of our university walls. Together, let us forge ahead, fuelled by passion, creativity, and a shared vision of a brighter, more innovative future.

Recognition of Outstanding Projects

Sl No	Title	Team Lead	Team Members	Dept/School	Innovation	Presentation	Pitch Deck	Progress	Total	Winner
					10	5	5	5	25	
1	Ru Cart	Suman S M	Nandan J M, Sachin K, Prashanth H, Amidh J	MBA	8	4	4	3.5	19.5	3rd
2	CAREER BUILD	Sowmya V S	Sindhu B,Priaya R,Deepa R P,Rohini K H,Eshanya H N, Santhosh J,Ramya Kusanur,Bhagya P A,Abhishek H		7	4	4	4	19	
3	VINTAGE	Noothan D R	N S Sandesh, Abhikumar S A,GaganoSwamy R,Basavaraj M N		8	4.5	4	4	20.5	2nd
4	Unique Pet's	Vinay Kumar T N	G M Manjunath, Abhishek S Sharanarthi, Sumanth P G,Basavaraj C A		7	4	3	3	17	
5	3C's	Sinchana C C	Chandrika M N,varun P Gouda, Manasa N R,Arpitha R, Bhoomika M P		6	4	2	3	15	
6	Pets Creation	Spoorthi S Patil	Sahana C C, Mahalakshmi P H, Swathi Koti, Priya H B, Nayonika Mishra		7	4	4	3	18	
7	VEGRUIT Drop	Harshitha V	Vani M, Parvathi Shet, Ghanavi K C, Kavya S		8	4.5	4.5	4	21	1st
8	B2B	Akshatha A Rao	Shantha S, Kavya A, Ashwni K N		7	4	3	4	18	
9	Fin-Tech	Junaid	Arshad, Siddesh, Keerthan Mirajkar, Keerthan B L, Tippsha, Nikhil		6	3	3	3	15	
10	Bike Accident Alerting device	Madhu H N	Sahana,Asif,Haseeb,Mahesh	BCA	8.5	4	3	4	19.5	2nd
11	Converting waste into graphene	Viswasheethal	Venkatesh, Kidan N V, Sandeep		6	4	3	3	16	
12	Ginger collecting and mud separating machine	Shashank	Adarsh Gowda, Bhanuprakash, Vinay, Sanjay		8	4	3	3	18	
13	EV charging station on wheel	Shridhar	Shridhar		8	3	3	4	18	
14	Solar panel implementation	Madhusudhan	Vikas, Abhilash, Shivakumar, Husnain		7	3	3	3	16	
15	Agriculture management system	Apoorva	Bhoomika, Sinchana, Pranathi		5	3	2	3	13	
16	Rent solar power panel	Arshiya	Asmiya, Sonali, Kumuda, kavana, Sai Nikitha , Hussain , Saba Naz		6	3	4	3	16	

17	Herbal Tampons	Gaganashree.A	Amogh vg , Afreen taj , Saniya.KM, Kruthika.AL	PHARMACY	8.5	4.5	3	4	20	1st
18	Fuel free electric generator	Varun Yadav	Harish .M, Preethem.R, Basavaraj.KM		6	3	3	3	15	
19	Amla serum	Prajwal.B,	Sharan.P, Nithish .S		8	3	4	4	19	3rd
20	Ph sensitive biofilms	Karthik.V	Divya.VP, Sahana.S, Jeevan.H, Abishake .N, Tejasvini.KV		7	3	4	3	17	
21										
22	HEADLIGHT SENSORS			Engineering	8.5	4.5	4	4	21	2nd
23	INTEGRATE				7	4	3	4	18	
24	JOURNEY GENIUS				7	3.5	3.5	3.5	17.5	
25	Hustle				7	3	3.5	3	16.5	
26	Solar Powered & Wind Powered Car				10	4	3	3.5	20.5	3rd
27	Decrypt				7	3.5	3.5	3.5	17.5	
28	Social Media & Ecomerce Integration				8	4.5	4.5	3	20	
29	NOTES HUB				7	4	3.5	4	18.5	
30	Black box cars				6	3	3	4	16	
31	AI Based Garbage Seggregation				9.5	4	4	4	21.5	1st
32	SMART CAMPUS NAVIGATION				8	4	4	4	20	

Detailed Schedule of Activities

Sl No	Day & Date	Resouce Persons	Topic	Branch
Day 1	18/03/2024	Lokesh	Design Thinking	All
		Dr. Shivanna		
		Manjunath	Ideation	MBA
		Ganesh		
Day 2	19/03/2024	Dr. Shivanna	Ideation	Pharmacy
		Manjunath	Ideation & Business Canvas Model	MBA
		Ganesh	Problem Statement & Ideation	Engineering
		Satish A	Problem Statement & Ideation	MCA/BCA
		Sanjay	Idea to PoC	MCA/BCA
		Shivakumar	Problem Statement & Ideation	Engineering
Day 3	20/03/2024	Local Holiday		
Day 4	21/03/2024	Dr. Shivanna	Problem Statement Solution	Engineering
		Satish A	Pitch Deck	MBA
		Sanjay	Pitch Deck	Pharmacy
		Shivakumar	PoC	MCA/BCA
		Gopinath	IoT/Robotics	Engineering
		Acutha Roa	Innovation	All
Day 5	22/03/2024	Dr. Shivanna	Pitch Deck Preparation & Presentation	All
		Sanjay	PoC Presentation	Pharmacy
		Shivakumar	Proof of Concept	BCA/MCA
		Ganesh	App Development	Engineering
Day 6	23/04/2024	Dr. Shivanna	Pitch Deck Presentation & Demo day	MBA/Pharmacy/BCA
		Ganesh	Pitch Deck Presentation & Demo day	MBA/Pharmacy/BCA

Acknowledgements

We extend our deepest gratitude to all those who contributed to the success of GM University's Innovation Week, March 18th - March 23rd, 2024. Without your unwavering support, dedication, and enthusiasm, this transformative event would not have been possible.

We would like to express our sincere appreciation to:

Arrks Inovtech Pvt Limited: Collaboration and partnership have been instrumental in shaping Innovation Week into a truly enriching and impactful experience for our students. Commitment to fostering innovation and entrepreneurship is commendable, and we are honoured to have collaborated with you on this journey.

Faculty and Staff: We are immensely grateful to our faculty members and staff for their tireless efforts in organizing and facilitating Innovation Week. Expertise, guidance, and mentorship have inspired our students to reach new heights of creativity and excellence.

Students: A heartfelt thank you to all the students who participated in Innovation Week and showcased their innovative ideas and projects. Student's passion, ingenuity, and dedication are the driving force behind the success of this event, and we commend you for your remarkable contributions.

Volunteers and Organizing Committee: A special thanks to all the volunteers and members of the organizing committee for your hard work, dedication, and attention to detail in planning and executing Innovation Week. The passion and commitment have been instrumental in ensuring the smooth operation of this event.

Participants and Attendees: Last but not least, we would like to thank all the participants, attendees, and members of the GM University community who contributed to the vibrant atmosphere and energy of Innovation Week. The active participation, engagement, and enthusiasm have made this event truly memorable.

Photographs of the programme

Photographs of the Ideathon