



CENTRE FOR INNOVATION AND ENTREPRENEURSHIP

NEWS LETTER



JAMIA MILLIA ISLAMIA
A CENTRAL UNIVERSITY

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Editorial

Dear Readers,

It's another milestone reached by the Centre for Innovation and Entrepreneurship (CIE), Jamia Millia Islamia and as we cast a glance at the journey completed by CIE in the last quarter, it is with humility that we share with you all the sincere efforts put in by Team CIE under the esteemed leadership of Dr. Mini Thomas.

This edition of the CIE Newsletter shares with you the experiences of Jamia Millia Islamia's participation at the '**Festival of Innovation**' that was organised from 12th to 17th March, 2016. Out of 114 institutions, only 6 were shortlisted by **Rashtrapati Bhavan** and it was a proud moment when Jamia Millia Islamia was selected as one among the six institutions that were invited in the meeting. Jamia Millia Islamia's initiatives toward fostering innovativeness and entrepreneurship was appreciated at the national level during the event.

This newsletter also covers '**Innovate For A Cause Competition**' that was organized by the Centre for Innovation and Entrepreneurship earlier this year, the aim of which was to motivate the students of Jamia Millia Islamia to bring forth innovative solutions to social problems. The competition received 27 entries out of which 13 were shortlisted during the 1st round of presentations and subsequently an esteemed panel of judges selected 6 entries for the final presentation that was held on 17th March, 2016. You would be delighted to read about the winning ideas namely 'Vasudha', 'Solar Water Purifier' and 'Transit Shelter'.

This edition shares with you CIE's yet another endeavour at promoting innovation in the form of an '**Innovation Display Programme**' that was organized on 31st March, 2016 at Dr. M.A. Ansari Auditorium in collaboration with the University Placement Cell, JMI. Some interesting innovations that were put on display were 'Innokart', 'S-Quad – Smart Quad Copter', '3d Printer', 'Blue Car', and many others.

Another important initiative by CIE described in this newsletter is the launch of '**Innovation Clubs**', the objective of which is to motivate and enable our students towards learning technical skills, teamwork and leadership. The student members of these clubs are encouraged to further use and develop their potential by participating in national and international competitions. The names of the clubs are 1) Embedded Systems & Robotics Club, 2) Animation & Game Design Club, 3) Programming Club, 4) Biotech Club, 5) Social Innovation and 6) Others.

This year our University continued with the '**Summer Internship Programme**' that was started last year and CIE received more than 40 applications across different groups out of which 18 groups were selected across various clubs for the summer internship programme.

The editorial board at CIE hopes that you enjoy reading this edition and help our esteemed university in contributing to the innovativeness and entrepreneurship capacity building at the national level by encouraging and supporting suitable efforts of Jamia Millia Islamia fraternity.

Thanks and regards,

Dr. Yasmeen Shamsi Rizvi

Message from the Director



Innovation and Entrepreneurship are the cornerstones of any developed economy which play vital roles in fuelling the socio-economic growth. During the last few years, Government of India has come out with many policy initiatives and schemes to promote innovation and growth. In this scenario, Centre for Innovation and Entrepreneurship, under the aegis of Jamia Millia Islamia University has been playing a catalytic role in promoting Innovation and Entrepreneurship amongst students.

The centre is working closely with the students and facilitating them by providing requisite mentoring and funding. Also, in order to enlighten students on topics like entrepreneurship, motivation, IPR, etc., the centre has been organizing expert lectures and workshops across the campus on a regular basis.

The Centre is working with Ministry of Micro, Small and Medium Enterprise (MSME) in setting up Livelihood Business Incubator (LBI) which would go a long way in providing technical skill to large section of society, and fostering entrepreneurial skill among them. Further, to provide industry-centric exposure to the students, CIE has been working towards increasing interactions with the Industry and Alumni.

Apart from working with Design Innovation Centre (DIC) under the University of Delhi, and National Small Industries Corporation (NSIC); we are at different stages of collaboration with National Skill Development Corporation (NSDC), National Innovation Foundation India and National Entrepreneurship Network (NEN).

Our flagship event, "Innovate for a cause" competition have already been launched and we expect to get some really exciting and innovative ideas from the students.

This third edition of Newsletter provides a glimpse of activities undertaken by CIE in the recent past. It is a great initiative to spread awareness about the opportunities available at this centre to one and all in the Jamia fraternity.

Prof. Mini Shaji Thomas

CIE, JMI Showcased at Festival of Innovation, Rashtrapati Bhavan

During the last few years, there has been a thrust of Government of India on “Innovation and Entrepreneurship”. In order to promote innovation across academia, Government of India has come up with various programmes. During the decades of Innovation (2011-2020) various initiatives have taken up by Rashtrapati Bhavan to promote innovation particularly Grassroots Innovation in the country, its linkages with higher education system. The President of India, Hon’ble Shri Pranab Mukherjee, has always advocated strongly the importance of Innovation and science in the progress of our country. In one of the major initiatives, Shri Pranab Mukherjee, started “Festival of Innovation” in 2015 to promote and encourage innovation among academia. Apart from encouraging innovators by providing a platform to showcase their talent, the programme also involves 114 educational institutions of repute across India, for which the President of India is the visitor through Innovation Clubs. The institute includes – IITs, NITs, SPAs, IISERs, and All Central Universities. Jamia Millia Islamia responding to the call by the Hon’ble President of India initiated a Centre for Innovation and Entrepreneurship in 2014 and the centre has been progressing well from its infancy.

This year, Festival of Innovation was organised from 12th -17th March, 2016. All the Innovation Clubs were requested to submit a report of activities for the last one year to the Rashtrapati Bhavan out of all 114 institutions only 6 were shortlisted on the basis of the activities for a presentation during the meeting of the Innovation Clubs scheduled on 15th March, 2016. Jamia Millia Islamia University was one among the six institutions that were invited in the meeting. The selection was made on the basis of progress report of activities pertaining to Innovation and entrepreneurship submitted for the period 2015-16.





Representatives from six Innovation Clubs shared their experiences on the occasion. Prof. (Mrs) Mini Shaji Thomas, Director, Centre for Innovation and Entrepreneurship, Jamia Millia Islamia presented the activities and future plans. The other five institutions were IIT Kanpur, Central University of Jammu, IIT Madras, NIT Tiruchirapalli, IIT Delhi.

Speaking on the occasion, Smt. Omita Paul, Secretary to the President highlighted the importance of creativity, innovation, and entrepreneurship. She also explained how various innovative measures have made a huge difference in Rashtrapati Bhavan and the life of people in the President's Estate. She particularly appreciated the initiative undertaken by jamia Millia University in promoting concepts like Innokart, Quadcopter, etc.

Prof Anil K Gupta, Executive Vice Chair, National Innovation Foundation (India) appreciated the efforts undertaken by Jamia Millia Islamia University.

Some of the activities promoting innovation and start-ups by the University through the centre For Innovation and Entrepreneurship are mentioned below:

- **INNOKART +:** An economical food vending cart that provides proper storage, shelter and hygiene
- **S-QUAD - SMART QUAD COPTER:** A surveillance device equipped with image functionality
- **CRAZY BRUNO:** A start up to cater to the hunger pranks of nocturnal youngsters
- **SIMY'S HANDMADE SHOP:** An online Gift's Boutique where people can buy and design and create personalised gifts
- **AAPKA TIMES:** An initiative dedicated to delivering campus news and connecting colleges and universities across India

https://youtu.be/jYuJ_mafgL4

https://www.youtube.com/watch?v=jYuJ_mafgL4

Innovate For A Cause 2016

“There are no dreams too large, no innovation unimaginable and no frontiers beyond our reach”
John S. Herrington

With this dream, the Centre for Innovation and Entrepreneurship has lunched **“Innovate For A Cause Competition”** in 2016 to challenge Jamia Millia Islamia students to innovate and come out with solutions for social problems. An overwhelming response was received with 27 entries coming with the variety of ideas for solving social problems. A Screening Committee scrutinized the proposals and 13 were shortlisted for the 1st Round Presentation which was held on 9th March, 2016. The panel of judges selected 6 entries for the final presentation held on 17th March, 2016.

The first, second and third prizes were won by:

- **Vasudha:** A refrigerator which operates without electricity and is environment friendly. This concept can cater to large rural population in our country as it is affordable and does not require electricity to operate.
- **Solar Water Purifier:** A device which converts saline water to potable water at minimum cost catering to the large sections of the society who do not get proper drinking water
- **Transit shelter:** A concept of providing temporary shelters for the migrant labours at an extremely affordable cost.

The prizes for the winners were distributed by Prof. Talat Ahmad, Vice Chancellor, JMI who congratulated the winners and the participants and extended all the support for creating a conducive Eco-system at JMI for start-ups. He invited all the alumni and entrepreneurs of JMI to contribute to the Centre for Innovation and Entrepreneurship.





The judges for the final round of competition were; Mr. Raghiv Khan who is co-founder of RnF, Mr. Ankush Grover, the Chief Operations Officer of Innov8, A Co-working Space and Mr. Faisal Abidi who is co-founder of RnF Technologies. The Judges expressed great satisfaction over the quality of the products and the innovative thinking of JMI students. They will be happy to extend their wholehearted support for the development of Innovation and Entrepreneurship in Jamia Millia Islamia.

Prof. Mini S. Thomas, Director of the Centre for Innovation and Entrepreneurship added that Innovate For a Cause Competition was initiated in 2015 and the prize winning teams were given an opportunity to prototype their concept during the summer months of 2015.

Innokart +, Quadcopter, Humanoid etc. which were the products of last year's competition which were well appreciated at the Festival of Innovation held at Rashtrapati Bhavan on 15th March, 2016. Centre for Innovation and Entrepreneurship, JMI was one of the 6 Innovation Clubs chosen for presentation along with three IITs, One NIT and Central Universities of Jammu for presentation at Rashtrapati Bhavan from among 114 Institutions including all IITs, NITs, SPAs, IISER and all Central Universities.

Innovation Display Programme

On 31st March, 2016 in the lawns of Dr. M.A. Ansari Auditorium, The Centre for Innovation and Entrepreneurship (CIE) along with the **University Placement Cell** organised a programme - *“Innovation Display Programme”*. The programme was yet another endeavour to promote and encourage “innovation” amongst the student fraternity. In the recent years, the University, through the Centre for Innovation and Entrepreneurship (CIE) has played a catalytic role in promoting innovation and encouraging entrepreneurship.

The programme was inaugurated by the Registrar of the university, Prof. Shahid Ashraf. Various innovative projects undertaken by the students of the University were on the display. Some of the key exhibits were as follows:-

- **INNOKART +:** An economical food vending cart to provide proper storage, shelter and hygiene. The cart promises to transform street food selling in India for the better.
- **S-QUAD – SMART QUAD COPTER:** A surveillance device equipped with image processing functionality. The device is controlled by an application which can be easily operated on a tablet, laptop or a computer.
- **3D Printer:** A self assembled mechanism of 3D printing, which recreates the 3D drawings into real life objects. The objects are made of PLA material, an alloy of plastic, and are an exact visualization of the computer generated 3D objects.
- **Blue car:** Blue car is a Bluetooth controlled, electronic car that is fully controllable via the android phones using the Blue Car Remote App.
- **SOLAR WATER PURIFIER:-** The basic idea is to create a solar water purifier , a device which converts saline water into normal drinking water at minimal cost which can be provided to the poor at masses.
- **VASUDHA:-** Project Vasudha is a unique model in itself which solve the problem of refrigeration to the people who can't afford a fridge.It is an eco friendly model which does not harm the environment
- **Transit Shelter: - This** project proposes a temporary shelters for migrant labourers who cannot afford rental housing on the earnings of 1-2 household members.
- **Computer Zone:- Zombie survival game:** It is a game software that can run on Windows , Linux ,Mac. This 2 D game has been developed in python programming language using the pygame module.

The programme on innovation was a huge crowd puller and students across the university campus came thronging to visit the stalls.

Interactive session with Mr. Krish Ganeshan, Global Head of Talent Acquisition and Academic Interface, TCS

On the last day of the financial year, i.e. 31st March, 2016, the **University placement cell**, under the University Linkages Programme, along with the Centre for innovation and Entrepreneurship (CIE) organised an interactive session with Mr. Krish Ganeshan, Global Head of Talent Acquisition and Academic Interface, Tata Consultancy Services Ltd.

The venue of the programme was Dr. M.A. Ansari auditorium. Mr. Krish Ganeshan delivered a captivating lecture titled – “*Preparing for Global Challenges in IT*” which was well attended by over 300 students and faculty members of the University. The session was chaired by the Registrar, Prof. Shahid Ashraf.



Workshops/Motivation Lectures on Innovation, Entrepreneurship and IPRs by CIE

After the resounding success of Motivation Workshops and Motivation lectures on subjects like Innovation, Entrepreneurship and IPRs last academic session, this year, CIE, decided to carry forward the legacy by organizing similar Workshops and lectures at the faculty level. This time subject specific experts and alumni entrepreneurs were invited for a deeper understanding of the topics/subjects. During the period January - May 2016, CIE organized three such workshops across Faculty of Natural Sciences, Department of Educational Studies and Faculty of Dentistry.

The highlights of the workshops are mentioned below:

1) Workshop on Innovation and Entrepreneurship on at the Faculty of Natural Sciences, JMI

The CIE in collaboration with Faculty of Natural Sciences, organized a workshop on **Innovation and Entrepreneurship** on 15th March 2016. The venue was at the auditorium of Centre for Theoretical Physics, JMI.

Mr. Asheref Illiyan, Coordinator- workshops, CIE welcomed the speakers and participants. Dr Naseeb Ahmad, Coordinator-Entrepreneurship, CIE, introduced the activities of the CIE to the participants.

Mr. Mohammad Ibraheem, Project Manager, CSC Corporation, Noida, delivered Key note address on the topic: **Innovation for startup business**. He discussed in detail the role of innovation for start ups and the eco system for striving startups in India.

Prof. Shareef Ahmad, Dean, Faculty of Natural Sciences, narrated the important role played by Scientists in the Innovations across the world.

Dr. Bindu Agrawal, Manav Rachna International University delivered a lecture on “Role of Innovation in Entrepreneurship”. Ashish Birgi, Alumni Entrepreneur, narrated his journey as a successful entrepreneur and motivated the students to have a passion for entrepreneurship.

Mr Akshad Chada, Entrepreneur, Delhi University also shared his experience. Prof Sanjay Vohra at the end of the session motivated the students to take up entrepreneurship as a passion and requested not to miss the opportunity available at present.

The programme was attended by almost 100 students from various departments of Faculty of Natural Sciences.



2) Panel Discussion on “Innovations in Education Across the Levels” at the Department of Educational Studies JMI

CIE in collaboration with Department of Educational Studies organized a panel discussion on “**Innovations in Education Across the Levels**” on 7th April 2016 at the Seminar Hall, Department of Educational Studies, JMI. The event was Chaired and moderated by Prof. Furqan Qamar, Secretary General Association of Indian Universities (AIU).

Prof. Harjeet Kaur Bhatia, Head, Department of Educational Studies delivered welcome address. Prof. Mini S Thomas, Hony Director, CIE introduced the activities of the CIE to the participants.

The panellists Col. Kr. Pratap Singh and Dr. Sharad Sinha, NCERT delivered their addresses on **Innovations in Education at Elementary Level and Innovations in Education at Secondary Level** respectively. While delivering the Chairman’s remark Prof. Furqan Qamar summarized the **Innovations in Higer Education** in India.

The vote of thanks was proposed by Dr. Arshad Akram, Senior Assistant Professor, Department of Educational Studies, JMI. The event was coordinated by Dr. Naseeb Ahmad and Mr. Asheref Illiyan, Coordinators, Workshops and Entrepreneurship, CIE. Students and faculty from Department of Educational Studies attended and got motivated by the programme.



3) Workshop on Innovation and Entrepreneurship at the Faculty of Dentistry, JMI

The last workshop of the academic session 2015-16 was organized by CIE in collaboration with Faculty of Dentistry on 12th April 2016 at the conference room, Faculty of Dentistry.

Prof. Saranjit Bhasin, Dean Faculty of Dentistry welcomed the speaker of the day and participants. Prof. Mini S Thomas, Hony Director, CIE introduced the activities of the CIE to the participants. She requested the students to come out with some new ideas/

projects which can be innovated or incubated by the Centre. Mr Asheref Illiyan, Coordinator- workshops, CIE coordinated the event and proposed vote of thanks.

Dr Kumar Rajan, CEO, Dentah Dental Care, delivered Key note speech. He discussed in detail various nuances of entrepreneurship and exhorted the participants to emulate idea of “an entrepreneur” which generally dental practitioners do not internalize and avail various facilities offered by the Government of India for start up business. Dr Rajan also spoke in detail his entrepreneurial journey.

The programme was attended by interns and few faculty members of the Dentistry faculty.



LIST OF EVENTS ORGANISED BY CIE ENTREPRENEURSHIP DIVISION

TO PROMOTE THE SPIRIT OF ENTREPRENEURSHIP & INNOVATION AMONG STUDENTS

S. N.	DATE	EVENT
1.	22.1.2015, 26.2.2015	Entrepreneurship Orientation Program (EOP) & Visit to NSIC Incubation Centre
2.	29.7.2015	National Entrepreneurship Network (NEN) on boarding webinar for students
3.	3.9.2015	NEN Webinar on "How to facilitate blended MOOCs?"
4.	15.9.2015	NEN webinar on "Institute Planning & Roadmap setting"
5.	7.10.2015	Screening for NSIC Entrepreneurship Development Program (EDP)
6.	9.10.2015	NEN webinar on "Should I worry about my Business Model or Business Plan?"
7.	14.10.2015	Workshop on 'Innovation & Entrepreneurship' for Faculty of Social Sciences
8.	17.10.2015	Participation in Design Innovation Centre Workshop at IIT Delhi
9.	27.10.2015	An Interactive Session on "Entrepreneurship Culture": Building It with Incubators by CMD, NSIC
10.	01.11.2015	Participation in a conference and exhibition on "Inclusive Innovation" at IIT Delhi
11.	05.11.2015	Entrepreneurship Orientation Program (EOP) & Visit to NSIC Incubation Centre
12.	19.4.2016	Entrepreneurship Orientation Program (EOP) & Visit to NSIC Incubation Centre

Summer Internship 2016

The Centre for Innovation and Entrepreneurship (CIE), Jamia Millia Islamia has started the concept of Innovation Clubs to inspire and enable students to explore their creativity and technical skills in a fun and competitive atmosphere that teaches them technical skills, teamwork and leadership. The main objectives of these clubs are to inculcate creativity and innovations among the students, be aware of the unfulfilled needs of the society, and celebrate the spirit of creativity and to participate in National & International Competitions. The Summer Internship 2015 was a grand success with 24 students in 8 groups, developed prototypes. Some of them field tested now.

This year, the University continued with the summer internship programme started last year. Under this programme, the clubs were broadly divided into the following categories:

- i. EMBEDDED SYSTEMS & ROBOTICS CLUB**
- ii. ANIMATION & GAME DESIGN CLUB**
- iii. PROGRAMMING CLUB**
- iv. BIOTECH CLUB**
- v. SOCIAL INNOVATION CLUB**

This year, the Centre for Innovation and Entrepreneurship (CIE) received more than 40 applications across different groups for selecting the eligible groups, all student groups were asked to give a presentation before a panel of judges. The judges have selected 18 groups across various clubs for the summer internship programme.

The duration of internship would be for 5 weeks. Students would be provided infrastructure and necessary facilities required for undertaking the summer internship projects. On successful completion of the summer internship projects, CIE would be giving certificates to the students.

Details of the selected interns of Summer Internship 2016 from different clubs are enclosed below;

Centre for Innovation and Entrepreneurship, Jamia Millia Islamia

Summer Internship 2016 Results			
Sr. No.	Team leader / Member	Department	Title of the proposal
Embedded Systems and Robotics Club			
1	Harsh Kaushik	Mech. Engg.	3D Printer
	Sonaal Dua	Computer Engg.	
	Gaurav Sharma	Computer Engg.	
	Khalid Parvej	Mech. Engg.	
	Avinash Chaturvedi	Electronics & Comm. Engg.	
2	Maqbool Alam	Computer Science	Robotics Hand Embedded with Smartphone
	Mohammad Rizwan	Computer Science	
	Mohammad Faiz	Computer Science	
	Mohammad Adil Shamsi	Computer Science	
	Afaq Uz Zafar	Computer Science	
3	Yash Vikram	Electrical	Ultra Sound Blind Walking Stick with GPS Guide
	Ayesha Yadav	Electronics and comm	
	Shubham Jain	Electrical	
	Chinmay Bhaskar	Electrical	
4	Arsalan Hussain	Electrical	Automatic Gear Shifting
	Mohsina	Mechanical	
	Shubham Jain	Electronics	
	Saurabh jain	Electronics	
	Nashra Ahmad	Electronics	
Animation And Game Design			
5	Ashar Shams	Architecture	Animation and Game Design
	Asad J. Ahmed	Architecture	
	Amit Das	Architecture	
	Mariya	Architecture	
Programing Club			
6	Himanshi Tiyagi	Mathematics	Early Stage of Indians Chronic Kidney Disease: Applying Machine Learning
	Manvi Verma	Mathematics	
	Vishakha Chaudhary	Mathematics	
7	Saqib Ali Khan	B.Tech (cse)	Paper recommendation system based on topic regression with social matric factorisation
	Mohd Sharique	B.Tech (cse)	
	Suhail Khan	B.Tech (cse)	
	Tafseer Ahmed	B.Tech (cse)	
	Shubham Garg	B.Tech (cse)	
8	Najeeb Khan	Computer Engg.	Designing of a document

	MD Ziyam Alam	Computer Engg.	analyzing tool capable of predicting the essence of document , generate semantically correct summary
	Zafarullah Mahmood	Computer Engg.	
	Yasir Bashir	Computer Engg.	
	Abdul Mohsin Siddique	Computer Engg.	
9	Tarun Luthra	Comp Engg.	Darwins eye – bank note recognition app
	Osama Khan	Comp Engg.	
	Satyam Sinha	Comp Engg.	
10	Zeba Malik	Computer Sci.	Cyber Cucoon
	Raka Mitra	Computer Sci.	
	Sarabh Fatima	Computer Sci.	
	Sumaiya Ahmad	Computer Sci.	
	Sanya Bhasin	Computer Sci.	
11	Arif Ekbal	Computer Sci.	Android app development for jamia alumni
	Aquib Javed	Mathematics	
	Arshi Khan	Mathematics	
	Prageesha Chawla	Mathematics	
Biotech Club			
12	MD Wamique Hussain	Biotechnology	Biocensor Development for the early cancer detection
	MD Azad	Bio technology	
	Shahid aziz	Bio technology	
13	Nisha Chaudhary	Computer Sci.	Intratumor heterogeneity in cancer
	Taj Mohammad	Computer Sci.	
14	Syed Umar Khalil	Biotechnology	Invisible Water
	Mohd Umair	Biotechnology	
	Abhinav Jhaladiya	Biotechnology	
	Areej Akhtar	Biotechnology	
	Khadija Sana	Biotechnology	
Social Innovation Club			
15	Mohd Anas	Commerce & Business Studies	Vasudha Home Made Mosquito Repellar
	Gitesh Aggrawal	F.e.t Mechanical	
	Divyam Tayal	F.e.t Mechanical	
	Subham Sachdeva	Biotechnology	
16	Mohammad Zeeshan Siddique	Civil Eng.	Solarises (solar water purifier)
	Hasan Nabeel	Electrical	
	Sahiba Ishtiyak	Civil Eng.	
	Fatima Ahmad	Civil Eng.	
	Ayesha Huma	Civil Eng.	
17	Ananya Yadav	Biotech	Social Innovation Club
	Arman Raza	Biotech	
18	Saiyed Nadia Ali	Architecture	Green transit shelter for construction workers
	Darakhsha Naaz	Architecture	
	Sukaina	Architecture	
	Tooba Fatima	Architecture	

CIE to Start under ASPIRE Scheme of MSME, GoI

The Centre for Innovation and Entrepreneurship (CIE), Jamia Millia Islamia (JMI) University, under the *ASPIRE Scheme* of Ministry of Micro, Small and Medium Enterprise (MSME) is setting up Livelihood Business Incubator (LBI). Once the centre is fully operational, it is expected to cater a large section of the population across the social spectrum in and around the University.

The Livelihood Business Incubator centre would impart skill based training with the prime objective of skill improvement and socio economic development of the society. It plans to improve the employability level of individuals and also promote their entrepreneurial skills. This is yet another landmark effort from the JMI-CIE and the MSME in promoting entrepreneurship and improving skill sets of youths.

In order to enhance comfort and optimize space utilization, special emphasis has been given to the building layout and its infrastructure. Once fully operational, the University would offer training on the following projects:

1. Spice Making
2. Bakery making
3. Ice-cream Cone making / Wafer Making
4. Computer Hardware and Networking
5. Beautician Training
6. Tomato Ketchup / Tomato Paste & Fruit Juice Making
7. Sanitary Napkin Making
8. Chocolate Coating
9. Tailoring and Fashion Designing
10. PET Bottle Making
11. Gem / Jewellery Making

The projects have been selected by the centre keeping in view the market demand, local talent and market trend. The ultimate aim is to help the youngsters improve their skills and help them become self sustaining entrepreneurs.

The courses are tailor-made as per industry requirement with emphasis on entrepreneurship. The centre is expected to start operating from the first week of July, 2016. The information regarding the duration of courses offered, fees, batch size, etc would be provided at the University website in due course of time.

CIE IN NEWS

THE  HINDU

NATIONAL

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Jamia students develop eco-friendly cart

- PTI

'Innokart' has provisions for waste disposal and solar power generation.

An eco-friendly food vending cart which has provisions for waste disposal and solar power generation, developed by students of Jamia Millia Islamia, was one of the innovations showcased at the Festival of Innovations at Rashtrapati Bhavan.

The project, which the university is in process of patenting, was among the six entries selected out of 114 sent for presentation at the recently concluded Festival.

The other entries were from IIT Kanpur, Central University of Jammu, IIT Madras, NIT Tiruchirapalli and IIT Delhi.

'Innokart,' it is called

"The product named 'Innokart' is an economical food vending cart that provides proper storage, shelter and hygiene. The cart promises to transform street food selling in India for the better," said Mini S Thomas, Honorary Director, Jamia's Centre for Innovation and Entrepreneurship (CIE).

"Besides the storage drawers, the cart has two sections for waste disposal — for dry and wet waste each. The top panel has been kept free for advertisements while there is a plan to set up solar panel on the rooftop," she added.

The product has been developed by three students from the University's Faculty of Architecture — Huma Pervez, Faiza Jamal and Faraz Khan.

Now, time to put it to test

The university is now planning to test the cart in its premises and then work on its commercial viability.

"For now, the cart will be used by our canteen people for selling food in streets inside the university campus. We will then see if there are any flaws that need to be removed and further work on its commercial viability," Ms. Thomas said.

Printable version | Mar 22, 2016 4:40:07 PM | <http://www.thehindu.com/news/national/jamia-students-develop-ecofriendly-cart/article8377429.ece>

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Gallery of CIE

Innovate For A Cause Competition 2016:



Innovation Display Programme:



CIE, JMI Showcased at Festival of Innovation, Rashtrapati Bhavan:



BIA (Business Innovation Awareness) QUIZ

Choose the correct option

- 1. Which is the best definition of "Innovation"?**
 - a. Development of new production process
 - b. Add value through invention
 - c. A commercially successful exploitation of ideas
 - d. Development of new products

- 2. Who said: "Innovation distinguishes between a leader and a follower"?**
 - a. Steve Jobs
 - b. Rupert Murdoch
 - c. Bill Gates
 - d. Peter Drucker

- 3. What is 'Six Sigma'?**
 - a. A mathematical model for increasing output while lowering costs
 - b. A system of quality management
 - c. A form of industrial dispute arbitration
 - d. An ad-hoc grouping of the world's six most valuable companies

- 4. Jack Welch is regarded as one of the great business innovators of the modern era. Of which company was he CEO?**
 - a. Pfizer
 - b. IBM
 - c. Wal-Mart
 - d. General Electric

- 5. 'Kaizen' is a hugely influential philosophy of business management. Where was it first developed?**
 - a. China
 - b. South Korea
 - c. Japan
 - d. Taiwan

- 6. Who described innovation as "the specific instrument of Entrepreneurship"?**
 - a. Steve Jobs
 - b. Rupert Murdoch
 - c. Peter Drucker
 - d. Martha Stewart

- 7. Effective innovation is a great way to establish what of a product?**
- a. USP
 - b. Lower Margin
 - c. A Supplier
 - d. A retail chain
- 8. Leading firms of which industry spend highest amount each year in R&D?**
- a. Smart Phone
 - b. Grocery Retailing
 - c. Pharmaceuticals
 - d. Oil & Gas
- 9. Which of the following activities is most related to R&D?**
- a. Managing Inventories
 - b. Paying Suppliers
 - c. Motivating Staff
 - d. Market Research
- 10. Complete the following quote from Larry Ellison, co-founder and CEO of software giant Oracle: 'When you innovate you've got to be prepared for everyone telling you you're...'**
- a. Nuts
 - b. Brilliant
 - c. Wrong
 - d. Losing Plot

Innovation Awareness Level:

- I.** More than 8 correct answers: Excellent
- II.** More than 5 and up to 8 correct answers: Good
- III.** More than 3 and up to 5 correct answers: Fair
- IV.** 3 or less than 3 correct answers: Needs improvement

ANSWERS

- | | |
|-------------|--------------|
| 1. C | 2. A |
| 3. B | 4. D |
| 5. C | 6. C |
| 7. A | 8. C |
| 9. D | 10. A |

The Team Behind it All !

Honorary Director

Dr. Mini Shaji. Thomas

- 1. Prof. Z. A. Jaffery
Department of Electrical Engineering
Dr. Naseeb Ahmad** **Honorary Deputy Director**
- 2. Department of Commerce and
Business Studies** **Honorary Assistant Director**
- 3. Dr. Asheref Illiyan
Department of Economics** **Honorary Assistant Director**

Division	Coordinator	New Team Members
Innovation and Technology Management Division	Innovation & SIG Prof. Mini S. Thomas	Prof. Seeme Murtaza (Innovation) Dr. Sigamani P. (Innovation)
	Intellectual Property Rights Prof. Shafeeque Ansari	Prof. Abdul Quaiym Ansari (SIG) Prof. M. Kamil (SIG)
	Incubation Prof. Z. A. Jaffery	Prof. Devender Kumar Dhusia
Incubation Entrepreneurship Development Division	and Entrepreneurship & Livelihood Business Incubator (LBI) Dr. Naseeb Ahmad	Prof. Rajendra Kumar Dr. Arshad Ikram Ahmad Md. Mohiuddin
Capacity Building Publication Division	and Workshop, Capacity Building, Event participation, Competitions / Seminars Dr. Asheref Illiyan	Prof. Gurjeet Kaur Prof. Farah Farooqui
	Publication Dr. Yasmeen Shamsi Rizvi	Prof. Vani Narula
Consultancy and Interface Division	Industry Relations / Alumni for Collaborations / Mentors / Funding Prof. Rihan Suri	Dr. M. A. Khan Dr. Nusrat Yasmeen

Special Thanks To:-

Mohd. Ali, Personal Assistant, CIE

Joydeep Mukherjee, Project Officer, CIE

“ INNOVATION DISTINGUISHES
BETWEEN A LEADER AND
A FOLLOWER. ” ”

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