



INNOVATION

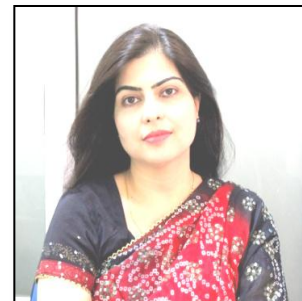
CIE NEWSLETTER

Volume 2, No.1
February 2016



Table of Contents

	Content	Page Number
1.	Editorial	3
2.	Message from the Director	4
3.	Talimi Mela - Innovations in Focus	5-7
	i. <i>Quadcopter</i>	
	ii. <i>Humanoid</i>	
	iii. <i>Innokart</i>	
4.	Exhibition of Grassroots Innovations	8-9
5	Career Expo Organised in Collaboration with University Placement Cell	10-11
6.	Interactive session on Entrepreneurship Culture Organised in Collaboration with NSIC	11
7.	Workshops	12-15
	i. <i>Workshop on Innovation and Entrepreneurship</i>	
	ii. <i>Workshop on Facilitating E-Filing of Patents</i>	
8.	Entrepreneurship	16-17
	i. <i>Aapka Times Brings its Start-up to the World</i>	
	ii. <i>Simy's Handmade Shop a Huge Hit at Talimi Mela</i>	
9.	Jagriti Yatra and the Experience	17-20
10.	Innovate for a Cause' Back with a Bang!	20-21
11.	Who We Are and What We Do	22
12.	Future Plans	23
13.	The Team Behind it All!	24
14.	Contact Information	25



Dear friends,

The editorial team at the Centre for Innovation and Entrepreneurship (CIE), JMI is very happy to release the 2nd volume of the CIE Newsletter and share with you all the highlights of the events organized by Team CIE under the leadership of Dr. Mini Thomas, Director, CIE. To provide a glimpse of the effort put in at CIE, following is a brief of the news that this issue carries.

Some amazing innovations by our students were exhibited during the 'Talimi Mela' held at Jamia Millia Islamia. Our talented and innovative students displayed their summer internship projects done with CIE in the form of some very remarkable creations such as a drone, a robot and a very unique food cart. CIE's collaboration with the National Innovation Foundation (NIF) and the organization of an exhibition of 'Grassroot Innovations' brought into focus the innovative products from all parts of the country. A 'Career Expo' was organised by CIE in collaboration with University Placement Cell where eminent speakers, entrepreneurs, industry experts shared their valuable ideas with the students.

An interactive session on 'Entrepreneurship Culture' organised by CIE in collaboration with NSIC created an awareness amongst participants towards the spirit of innovation and entrepreneurship. The workshops conducted by CIE witnessed an amazing participation by JMI fraternity. One such workshop was on 'Innovation and Entrepreneurship' that saw a turnout of more than 100 students from various departments of the Faculty of Social Sciences- namely Departments of Economics, Sociology, Commerce, Social Work and Psychology. The other workshop was on 'Facilitating E-Filing of Patents' which was attended by students of Life Sciences where they learnt about the nuances of filing e- patents. Our university used the learnings successfully and e-filed three patents in the last week of Jan., 2016.

The spirit of entrepreneurship at JMI got a further boost with the launch of 'Aapka Times' under the aegis of CIE, an initiative dedicated to delivering campus news and connecting colleges and universities across India. 'Simy's Handmade Shop' -a stall put up by CIE during the celebrations of the 95th foundation day of JMI- received an overwhelming response. The venture, established two years ago by Simeen Anjum, is an online business. The CIE supported the participation of two JMI students in the 'Jagriti Yatra', a 15-day long, annual, 8000 km train journey across the length and breadth of our country, the objective of which was to understand and build India- that consists of smaller towns and villages- through enterprise. Last but surely not the least, the CIE launched the second edition of its flagship event 'Innovate for a Cause', a competition of innovative ideas aimed at solving societal problems.

Happy reading!

Dr. Yasmeeen Shamsi Rizvi

Editor, CIE Newsletter

Assistant Professor, Centre for Management Studies, JMI

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 second 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

Talimi Mela - Innovations in Focus

Students of Jamia Millia Islamia displayed their spectacular innovation abilities in the form of their summer internship projects with CIE. Displayed at the Talimi Mela and widely appreciated by the Hon'ble Vice Chancellor, the innovations are a combination of science creativity and utility. A brief description of these remarkable inventions and the students behind their creation is as follows.

Quadcopter



Smart Quadcopter is a next generation autonomous drone with image processing and tracking abilities. It incorporates a stabilized and flexible flight program which is made compatible with controls on android phone and laptops.

Quadcopter can perform tricky pirouettes, flips and rolls, and is almost intuitive to control. It has a USB computer interface & Opensource software. It's customisable & programmable features and various Image Processing algorithms make it truly autonomous.

The quadcopter comes with interesting features. It can recognise and track objects, even detect faces. It has an Android, Windows and Linux base control, wireless connectivity (Wi-Fi, RF, Bluetooth) and can ensure HD (720p) Video Surveillance. Additionally, the device also comes with fingercount sensors, if shown two fingers, Quadcopter responds with "Hi", three fingers will be responded with "Bye". Headcount sensors append another dimension to the device. These come in handy when there is a need to calculate the footfall or the number of people present at a given time, at a particular event.

The innovative minds behind this device are -

- Sonaal Dua
- Gaurav Sharma
- Abhinav Rai
- Avinash Chaturvedi
- Harsh Kaushik
- Dev Bali
- Ashish Bhandari
- Deepak Sharma.

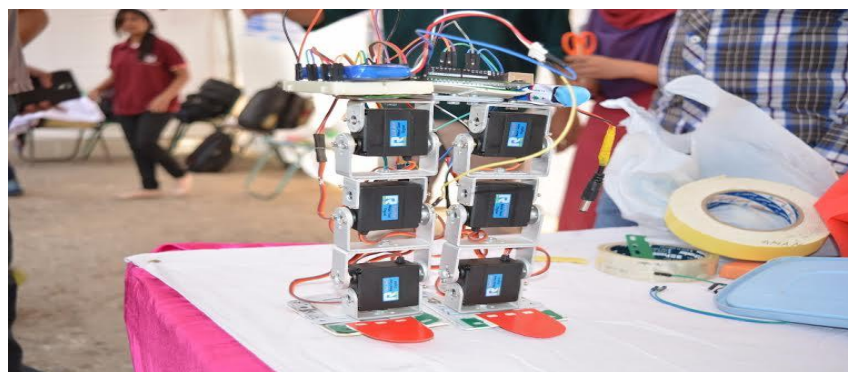


Humanoid

Humanoid is a robot that has human-like appearance but is driven by motors assisted by artificial intelligence. Such a robot with an “efficient and cost effective design” has been created by a team of five – Arsalan Hussain Qaisar, Abhishek Batra, Javed Khan, Aman Siddiqui and Mohd. Huzaifa.

The robot has five degree of freedom in each leg, three degree of freedom in each arm and one degree of freedom in neck and each shoulder. This allows the robot to mimic most of the human motions.

The robot has an onboard power system and control unit. With the help of arduino and raspberry pie in parallel operation and assisted by sensors such as mition detectors, sonars, and a HD camera, complete information about the robot’s surroundings can be gained.



The students believe that “these robots are the future of this planet. As we enhance the performance of these robots we can send them in situations where human life is at risk - inspection of a volcano, a relief camp during a flood, or even for military purposes.”

INNOKART – The Chariot of Delight

The innovative minds behind this project identified the fact that the food sold on streets is cooked, stored and served in an unhygienic way and hence lead to health hazards.

The students thus came up with a cart (*thela*) that has an affordable price and proper storage, shelter and hygiene. The cart promises to transform street food selling in India for the better, by providing means to the street vendors to ensure that the food is stored properly and is fit enough for human consumption- all this at a minimum price.



The team of “Innokart” consists of Ahmed Faraz Khan, Faiza Jamal and Huma Parvez who have also chalked out the financial aspects of the innovation. They aim to provide finance for such a cart firstly by procuring funds from companies as part of their CSR, and secondly in return of the advertisements that can be done on the cart. The cart is still being improvised to make it run on solar energy.

Exhibition of Grassroots Innovations

With inputs from: Monika Aggarwal, M. Tech., JMI & Tuba Khan, CMS,JMI

The Centre for Innovation and Entrepreneurship organised an Exhibition of 'Grassroots Innovations' in collaboration with National Innovation Foundation (NIF) on 29th and 30th October, 2015 as Jamia Millia Islamia celebrated its "95th FOUNDATION CELEBRATION DAY". Innovators from J&K, Maharashtra and NCR displayed their innovations in the exhibition. Hon'ble Vice-Chancellor Prof. Talat Ahmed inaugurated the exhibition. He also interacted with all the innovators and appreciated their innovations which included - **a walnut cracker, a carpentry tool, a modified spade and Pole Pro from Anantanag, J&K, an adjustable walker from Patna, Bihar, a horse shaver from Meerut, U.P, a milking machine from Karnataka, a potable energy efficient woodstove from Calicut, Kerela, multipurpose processing machine by Haryana, a seed cum fertilizer dibbler from Amreli, Gujrat, a solar mosquito destroyer from Kottayam, Kerela, a Tree Climber from Coimbatore, Tamil Nadu, a Sugarcane Bud Chipper from Madhya Pradesh and a Chaff Cutter from Murdanagar, U.P.**

The projects were displayed at stall No- 47 of Talimi Mela along with the summer internship projects by Jamia Students from Faculty of Engineering.

The exhibition was organised in collaboration with National Innovation Foundation, set up by the Department of Science and Technology. Building upon the "honey bee philosophy", the foundation has taken major initiatives to serve the knowledge-rich, economically poor people of the country. It is committed to making India innovative by documenting, adding value and protecting the intellectual property rights of the contemporary unaided technological innovators, as well as of outstanding traditional knowledge holders and disseminating these on a commercial as well as non-commercial basis.

The exhibition was another step to encourage innovation and entrepreneurship. The exhibition was greatly appreciated by one and all.



Career Expo Organised in Collaboration with University Placement Cell

By: Mohd. Danish

In order to ensure successful careers for the students, Centre for Innovation and Entrepreneurship (CIE) in coordination with the University Placement Cell organised a *Career Expo* at **Talimi Mela** on 30th October 2015. The Career Expo, inaugurated by Dr. Talat Ahmad, Vice Chancellor, JMI focussed on providing the correct career path to the students. The idea was to provide tips to students aspiring to make a career in corporate sector, civil services, armed forces, etc. It also focussed on developing entrepreneurial skills of the students by providing them with the necessary guidance.

Eminent speakers, entrepreneurs, industry experts shared their valuable ideas, opinions suggestions with the student which helped students in getting proper insight.



The major activities at the Career Expo focussed on three important aspects:

- 1) **Becoming an Entrepreneur:** Having the requisite set of skills, ability to think out of the box, analysing problems and coming out with innovative solutions are important ingredients to become a successful entrepreneur. A skill development workshop was thus taken by Mr. Dilip Chenoy (MD & CEO, NSDC). This was followed by a lecture by Mr. Ravindra Nath, Chairman and Managing Director of National Small Industries Corporation, a Public Sector organization of Government of India. The students gained a lot of exposure through the lecture and the workshop.
- 2) **Tips for a job seeker:** Current Students are future job seekers, and hence a beforehand information and knowledge gives them an edge over others. A lecture was thus given by Mr. Hanif Qureshi, IPS, IGP, Karnal. Mr. Hanif holds a PhD in Criminal Justice from University of Cincinnati, Ohio, USA. His lecture garnered a lot of attention and was thoroughly appreciated by the students. Beside these booths with Indian Navy, Air force, PSUs, Corporate houses, etc. were also set up.
- 3) **Guidance for higher studies, the right step forward:** Students in general are confused about the study path. Since, there are many options available, a few questions related to career that most students encounter these days are - Which course to opt for? Which examinations to write? What can add value to their CVs? In order to solve these

problems the career expo organised lectures to create awareness about how to prepare for NET, GATE, and other similar examinations.

In order to solve student's queries, and to promote interaction, booths were set up by Langara College, Canada, Campus France, French Embassy, The Chopra's, Centre for Career Development, Engineer's Zone, Gate Forum, etc. Moreover, exclusive career counselling session was conducted by the renowned counsellor Mr. Jitin Chawla to help the confused students on which career path to opt for. The students also got a chance to have a face to face interaction with Mr. Vikas Jain & Mr. Sumeet Kumar, Co-founders, Micromax Cell Phones. They discussed their journey with the students, thus giving valuable insights to students through their experiences.

The career expo turned out to be a huge success and learning experience to students who were a part of it. Looking at the huge response the sessions received this time, the University would continue to organise these sessions in the coming years

Interactive session on Entrepreneurship Culture organised in collaboration with NSIC

By: Mohd. Danish, CMS,JMI

On October 27, 2015, that is on the first day of the 3 day Talimi Mela an interactive session on **"Entrepreneurship Culture: Building It with Incubators"** was held at Mir Anis Hall with Shri Ravindra Nath, CMD of National Small Industries Corporation (NSIC) as the Chief Guest and Speaker. The session aimed to sensitise and create awareness among university officials and budding entrepreneurs towards the spirit of Innovation and Entrepreneurship. It was presided over by the Vice-Chancellor, Dr. Talat Ahmad.

The sessions started off with Dr. Mini Shaji Thomas, Honorary Director CIE welcoming the guests. Shri Ravindra Nath spoke on "Entrepreneurship culture – Building it with Incubators". He tried to make students understand about entrepreneurship by giving examples of success stories of various entrepreneurs across various geographies, focussing mainly on South Africa.

Shri Ravindra Nath appealed the students to shed their inhibitions, take risks and chase their dreams and start their entrepreneurship at an early age. This was followed by an interactive session with Shri Ravindra Nath and Shri Satvinder Singh, General Manager, NSIC.

The session ended with Dr. Naseeb giving the vote of thanks. Thus the session was a learning experience to all the attendees and a noteworthy event as Jamia is in the process of setting up Livelihood Business Incubation (LBI) & Technology Business Incubation (TBI) in collaboration with NSIC. Also, students of Jamia are actively participating in NSIC Entrepreneurship Orientation Program (EOP) & Entrepreneurship Development Program (EDP). The event thus marked the beginning of a promising relationship.

Workshops

After the resounding success of motivational lectures organized by CIE during the last academic session, this year it was decided to organize such lectures once again. Subject specific experts as well as alumni entrepreneurs were invited for a deeper understanding of contemporary topics like Innovations, Entrepreneurship and IPRS.

Workshop on “Innovation and Entrepreneurship”

By: Prof. Asheref Illiyeen

With inputs from: Aarushi

The first such workshop was held for the students of Faculty of Social Science on **Innovation and Entrepreneurship on 14th Oct 2015** at the auditorium of University Placement Cell.

Prof Mini S Thomas, Hony. Director, CIE commenced the workshop with a brief introduction about the activities of the Centre of Innovation and Entrepreneurship to the participants. Dr Naseeb Ahmad, Coordinator, Entrepreneurship welcomed the speakers and students. The vote thanks was delivered by Mr Asheref Illiyan, Coordinator, Workshops. The Key note address was delivered by Ms Yasmeen Ahmad, Consultant, NSIC. In her address she motivated students to be entrepreneurs and narrated success stories of a few successful entrepreneurs.



Entrepreneurs from Wadwani Foundation and two Alumni Entrepreneurs - Mr Alok Bruha and Ms Simi also enlightened the students with their personal experiences which goaded and encouraged the students on the daunting, yet extremely rewarding path of entrepreneurship and innovation.



The program saw a huge turnout of more than 100 students from various departments of the Faculty of Social Sciences- namely Departments of Economics, Sociology, Commerce, Social Work and Psychology.

WORKSHOP ON FACILITATING E-FILLING OF PATENTS

By: Prof. Shafeeque Ahmed Ansari and Dr. Asheref Illiyan

With inputs from: Sara Khan, CMS,JMI

The Centre for Innovation and Entrepreneurship organized a workshop on e filling of patents on 18th November 2015 at the Conference Hall, Ramanujan Block, Mujeeb Bagh, JMI.

Dr Naseeb Ahmad, Coordinator, Entrepreneurship introduced the activities of CIE and Prof Zubaida Anasari, Director, CIRBS, JMI welcomed the speaker and participants. The event was coordinated and compared by Mr Asheref Illiyan, Coordinator, and Workshops at CIE.

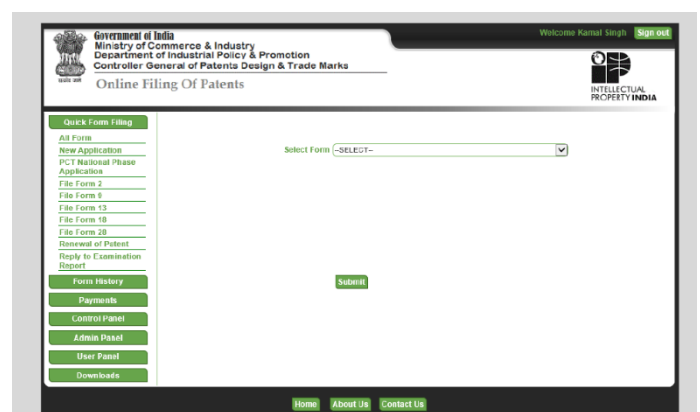
Dr Rajendra Prasad, Hon'ble Patent Attorney Delhi was the key note speaker in the event. He elaborated on the need for patent filing and explained the position of India as compared to other countries. He motivated students to do hardcore research with their supervisor and file patents and bring laurels to the university. About hundred students from Department of Bio Sciences, Bio- technology and CIRBS and a few faculty members participated in the event. The event ended with the vote of thanks delivered by Prof Shafeeque Ahmad Anasri, Coordinator IPR, CIE.

The Indian Patent Office (IPO) visualizes the concept of virtual office as the ultimate objective where all the communications, interactions and transactions between the office and stakeholders take place online. IPO has launched the E-filing services for patents which enables online filing of new applications for patents with class III digital signature. Appreciating the significance of being more transparent and user friendly in building confidence among stakeholders, IPO has further developed the e-filing system so as to cover comprehensive e-filing for patents, wherein, in addition to online filing of new applications, subsequent filings have also been integrated.

The event attended by students of life sciences was an enlightening experience that elaborated in detail how an e- patent can be filed. Jamia Millia Islamia has used this service successfully and e-filed three patents in last week of January 2016.

Through e-filing portal, the university will be able to utilize the following features of comprehensive e-filing services:

- Web based filing system
- Filing of patents with complete/partial speculation
- Amendments/addendum in the filed patent
- Request for examination



The workshop aimed to guide aspiring inventors on writing patents suitable for e-filing. The following information is generally required for filing a complete specification.

1. Name(s) of Applicant/Inventors with affiliation, telephone and email address.
2. Total number of pages including drawings/sequential listing (for life science related inventions)
3. No. of claims and its text/details
4. No. of drawing sheets
5. Priorities (if already filed partial specification)
6. Title of Invention
7. Abstract of Invention
8. Claims (text/details)
9. Specification/Description (including drawings/Figures).

All this information is to be uploaded in a pdf file.

For drawings, all the drawings should be merged in a single JPEG file that needs to be uploaded in a single file . All the drawings should be prepared in B&W only. An abstract of the drawings is also to be prepared (in JPG format) and uploaded.

Those who are interested in e-filing can contact Prof. Shafeeqe Ahmed Ansari, Centre for Interdisciplinary Research in Basic Science, email saansari@jmi.ac.in or 9910512433.



Entrepreneurship

Aapka Times Brings its Start-up to the World

By: Md. Khalid Hasan, Founder, Aapka Times & Sarah Sultan Khan, CMS, JMI

Under the aegis of 'Centre for Entrepreneurship and Innovation', Aapka Times got a chance to bring out their start-up to the world at the 95th Foundations Day celebration-Talimi Mela. The start-up, Aapka Times, is an initiative dedicated to delivering campus news and connecting colleges and universities across India. They were allotted stall numbers 46 and 47 to set up their corner, which attracted more than 500 visitors on each of the three days. Students and faculty of Jamia and other universities visited their stalls. Honourable vice-chancellor Prof. Talat Ahmed also visited their stall and appreciated the concept behind Aapka Times.

An interesting activity was the 'Wall of Expression' that was set up on all the three days. Visitors were invited to express their opinions about and expectations from Aapka Times by writing on the "wall". On the second and the third day of the event, the start-up organized a quiz competition, which witnessed huge participation. Aapka Times team also distributed copies of their newspaper which was published in September, and it generated a lot of buzz among the students since then.

Before the end of the event, they received an impressive number of applications for internships too and selected 20 interns out of the lot for content writing, social media marketing, graphic designing and other profiles. "The event helped us to reach out to a large chunk of population, and our popularity on digital media increased considerably thereafter" said a member of the team recalling their experience at Talimi Mela.

The Centre for Innovation and Entrepreneurship in line with its objective of promoting entrepreneurial talent provided a platform to Aapka Times. The platform provided to Aapka Times helped it to promote the brand.

Simy's Handmade Shop a Huge Hit at Talimi Mela

By: Simeen Anjum & Sarah Sultan Khan, CMS, JMI

During the celebration of Jamia Millia Islamia's 95th Foundation day, the 'Centre for Innovation and Entrepreneurship' allotted a stall to Simy 's Handmade Shop at the Talimi Mela 2016. Simy's Handmade Shop is an online gift boutique established two years ago by Simeen Anjum. It is an online business, where customers can buy, design, and create personalized gifts. They also provide makeovers to rooms on order.

It proved to be a great way for them to introduce and promote their gift boutique. They were able to reach a new market and increase the number of prospective customers. The exclusive 'leaf printed dupattas' and 'brass hand carved mirrors' among other offerings, were a hit.

Collaborating with the 'Center for Innovation and Entrepreneurship', JMI, during the Talimi Mela was "a step forward to success for us", says Entrepreneur Simeen Anjum.

This mela not only helped them to get more customers but also got popularity. Teachers were appreciative of the effort. 'AAPKA TIMES' carried a write-up about the founder's journey as an entrepreneur, which helped the start-up in terms of getting good media coverage. They are now working to increase their product offerings.

<https://www.facebook.com/events/1076390579047036/>

Aapka Times report: <http://bluegape.com/swaleh/create/simy's-handmade-shop-journey-of-a-girl-entrepreneur-24>



Jagriti Yatra and the Experience

Jagriti Yatra- A Report

By: Raghav Gupta, Department of Electrical Engineering, JMI

Jagriti Yatra is a 15-day long, annual national train journey that takes youth, between the age of 20 to 27. It is an 8,000 kilometres journey across the length and breadth of India. The broader objective is to understand and build India that consists of smaller towns and villages through enterprise.

Md. Adil Hussain, a Social Work student and Raghav Gupta, an Engineering student at Jamia Millia Islamia were the two students financially supported by the Centre for Innovation and Entrepreneurship at JMI to undertake the journey. The two students were few of 450 youths selected from a pool of 17,000 youths from across India and abroad.

The Yatris meet role models, change-makers, leaders that make a difference to thousands of lives. They forge bonds with like-minded young leaders - their co-Yatris and complete strangers who later become their close friends and comrades for life. They get exposed to role models who are building India through enterprise; through them they find inspiration to undertake their own building journey.

This year the Yatra comprised of youths from the 29 states of India and 6 Union Territories. It also had representation from 17 countries around the globe. There was 42% women participation. It was supported by Coca Cola, PwC, The Ministry of Skill Development, Skill India, Indian Railways, Essilor, amongst many others.



The Experience of Jagriti Yatra

By: Adil Khan, MA in Social Work, JMI

Train journeys have funny impact on one's life. They make you thoughtful in life. Walking through the sticky aisles of the Yatra Express, you'll find 450 young thinkers - each with unique streams of thought; on the yatra, these streams united to one congruent flow; a flowing stream that travelled by train for 15 days and 8,000 kilometres to think: about India, about others, and our selves.

We thought about family, friends, food; development, innovation, past, present, future, etc. We shared stories: stories of joy and tragedy, lifelines and lifetimes; sustainability and replicability, inequality and balance. In a nutshell we introspected, brain-stormed and shared a lot of experiences amongst ourselves.

We explored all possibilities. We went beyond terminology, deeper than words; we smothered contrasts: rural, urban, old and new; we became problem-solvers, or at least tried; we listened to panel discussions on empowerment, business-technology and agriculture; we asked questions, some of which are still unanswered; we thought about public defecation and water purification, about freedom and solitude, or the power of one generation.

We saw needless blindness become enduring vision; we learned about the Art of Living, saw living art, and art as livelihood; we saw a village electrified with no wires, sanitation pads made from recycled fabric; traditional music used as education, and mass feeding of impoverished schoolchildren.

We ate enough oil for a lifetime, countless *pooris* and endless heaps of rice; some with our hands and others with spoons; we ate on train platforms, under the tree – it never bothered us; we had breakfast in bed, but had no other choice; we celebrated Christmas with strangers that became family, got drunk off *chai* for New Years, and celebrated birthdays with companionship *in lieu of cake*.

We talked and talked. Transformation, conquest, and ISIS; we talked about our hygiene or lack thereof, about our dirty denims, and our inside-out underwear; start-up tactics, cooperative models, investors and angels, VC's and VP's, heroes and ones that wish to be, even argued over who's next to pee; we talked about seed-funding, incubation and acceleration, about political theory, economic theory, Marxism, sexism, and alcoholism; we approached approaches: bottom-up, top-down, trickle-down, bureaucracy and hierocracy; middle class, middle-men, movers and shakers, leaders, prisoners, and visionaries; we talked about toxicology in nanotechnology, the econometrics of civil engineering, about Donald Trump, about pollution, parties: political and social, parenting practices and pornography; we debated capitalism and consumerism, colonialism and casteism, communism and corruption; we contemplated censorship and the media, Hollywood and Bollywood; we discussed democracy and diplomacy, the UN, EU, and India's role in BRICS; we talked until we lost our voices, then talked some more, until our chatter melted into a nightly snore.

We shared. A welcoming home of all religions: Sikhs, Hindus, Muslims, Jews, Catholics, atheists and more, people that have never left their village, and others that say at the Taj; we were clad in tank-tops and saris, Nike and no-names, Ray-Bans and knockoffs; together, we slept on a dirt floor of a school, dreamt above and below each other, and shared everything: memories, toothpaste, a bathing bucket, songs, socks, and journal entries; we coughed, sneezed, crapped and vomited, then nursed each other back to health; we gave blankets and received warmth in return, disclosed secrets and trust; we looked different: white, black, brown and in-between; we spoke different tongues, but it mostly went unseen; we understood the same language of passion, we deconstructed stereotypes and appreciated diversity, got frustrated by mannerisms and learnt to respect them.

We created: business models that failed before they were even pitched; others that show promise; we made revenue streams, excel spreadsheets, Google Docs, and Facebook friends; we WhatsApp'd, Tweet'd and Instagram'd the whole way, though nothing can tell the full story; we filled our notebooks with poetry, art, prose, X's and O's, even mission statements, slogans, and logos. People, too. Future prime ministers, entrepreneurs, Yatipreneurs and business connoisseurs; good parents, children, and grandchildren; people with future PhD's, law degrees, and Biz Gyan Trees; Presidents, CEOs, and IITs; future engineers turned philosophers, role models, authors, champions, and MP's.

We came together from 28 States, 6 Union Territories, and 23 countries around the world; we voluntarily came to one place – a claustrophobic space, where we redefined quality education and teaching; we considered the prospects of technology, interconnectivity, and efficiency in an era of globalization; we sought equality and observed simplicity; we empathized with traditions of the north and adored intellect of the south.

We remembered. Historians and scholars, politicians and pioneers: we walked in the footsteps of Buddha and Mahavira, called the teachings of Mao, Freud, and Lincoln to our aide; we experimented with the truth, and in doing so, discovered a Gandhian India while creating our own.

We fell asleep to the clicking of the rails below us; sang lyrics to music we didn't understand; we took more selfies than photographs and napped in auditoriums; we repeated the words yaaro and chalo – come, and friend – which will forever have different meaning; we danced, danced, and danced some more; we nudged each other in the back: in the aisle of the train, in the queue for food, and in recognition that we can always move forward – as individuals, as a yatra, a country, and humanity.

We saw change. A change of tangible nature, seldom found: in the landscape, in the climate, in our appearances and our thoughts: our truths became misconceptions, our values became obsolete; some struggled without meat, others with the heat, or simply crossing the street; our needs transformed from luxury to survival, friendship, and intellectual quarrel; we felt India pluck at our heartstrings like never before; we molded our own stories in outdated bogies of the Indian Railways; they're still being written, today and tomorrow. It's a simple fact, and no longer strange: We are India; we are change.

“Innovate for a Cause” is Back with a Bang !!!

By: Asher Javed & Sharh Masood and Sehba Fatima, CMS,JMI

The Centre for Innovation of Entrepreneurship has launched the second edition of its flagship event “Innovate for a Cause”. Innovate for a cause, as the name suggests, is a competition of

innovative ideas that solve some societal problem. The competition comprising of two rounds, selects 3 best ideas out of the contestant pool that are awarded by as well as incubated at CIE.

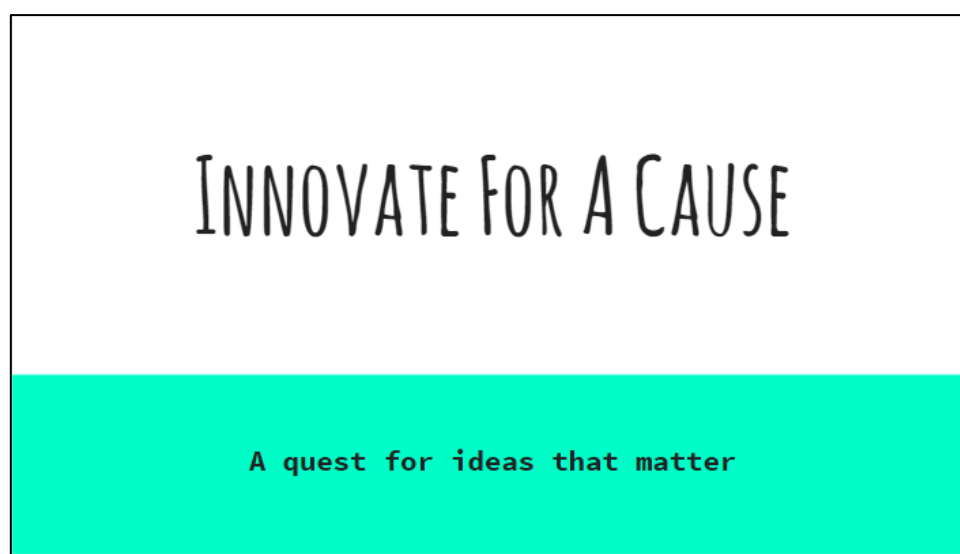
This year's edition invites ideas to solve problems in the following categories- Education, Environment, Healthcare, digitisation and poverty elimination.

The event inaugurated by the Hon'ble Vice Chancellor Prof Talat Ahmed on 12th November 2015, is already in its first round and the deadline for submitting entries is 29th February 2016. Participant teams comprising of 2-5 members have to send a summary of their idea including- 1) an abstract of the idea 2) Social Value of the idea 3) Expected effect and 4) resources required for idea. Please bear in mind that the ideas must benefit the society in some sense and must be from the above mentioned categories. A team can submit multiple ideas but only one of their ideas will be shortlisted for the second round, if at all.

The shortlisted teams will then be called for the finale where their ideas will be judged on novelty, feasibility, effectiveness and practical utility to choose the winners who are entitled to total prize money worth Rs. 30,000. Not only this, but the winning teams also get a chance to work on and build their ideas further in collaboration with CIE who will fund and mentor the winning ideas in an official capacity.

Further information, track specific resources and registration link are available on CIE's Facebook page: <https://www.facebook.com/ciejmi> (Registrations closes on **29th Feb, 2016**)

Grounded in the belief that one simple idea can change lives, "Innovate for a Cause" is CIE's "Quest for ideas that matter" as the event's tagline puts it. This quest has been a quite fruitful one as seen by the success of the previous edition that saw participation of more than 20 teams from different departments of the university and an esteemed panel of judges comprising of Mr. Sumit Dagar (Ted Fellow and founder of Kriyate, a mobile app for the blind), Mr. Upendra Giri, (founder of ACOE Global) and Mr. Sherfur Rahman (Co-Founder of the e-commerce company Shopatplaces.com.)



Who we are and what we do!

WHO WE ARE

“Two roads diverged in a wood, and I took the one less travelled by, And that has made all the difference “

These lines by Robert Frost effectively capture the vision behind the Centre for Innovation and Entrepreneurship, Jamia Millia Islamia. Launched in March 2014 and officially created in October as part of Jamia Millia Islamia, CIE aims to instil and recreate innovative instincts in each one at university. Whether it be an innovative product, service or business or an innovative solution to a social problems or even innovations in terms of curriculum and teaching methods used, our objective is to provide valuable assistance and guidance in turning these ideas into reality. Started by a group of 5 students under the able guidance of Prof. Mini Shaji Thomas, CIE's genesis is in itself a living example of choosing the “road less travelled” to “make a difference” In a short span of one year CIE has attained remarkable progress with several events to its credit.

WHAT WE DO

We give direction to the creative ideas of students, staff and faculty of Jamia. We invite ideas and then provide assistance to incubate these and implement them successfully. The Centre has the following four divisions:

1. Incubation and Entrepreneurship
2. Innovation and Technology Management
3. Consultancy and Industry Interface
4. Capacity Building and Publishing

We seek to develop job creators and not job seekers by developing entrepreneurship skills of students. We also provide interaction with industry experts and major innovators, to give vent to creative ideas of students by way of workshops, seminars and talks. The Centre on a regular basis conducts Idea Evaluation Workshops, Business Plan competitions, Business Idea Competitions, which in a way test the feasibility of the creative ideas of the students. All this is aimed at inculcating out of the box thinking and Leadership skills in the Jamia fraternity.



Future Plans

It has always been an endeavour of Centre For Innovation and entrepreneurship (CIE) to promote Innovation and entrepreneurial skills amongst the students of the University. In this regard, the future plans of CIE are enumerated below:

- **Setting up Livelihood Business Incubator (LBI):** CIE has been working closely with the Ministry of Micro, Small, and Medium scale in setting up Livelihood Business Incubator. Once this centre is set, it is likely to play an active role in providing technical and entrepreneurial skills to a large section of the society in and around Jamia Millia University. Over the next few years, the training imparted through the LBI is expected to improve the socio-economic conditions of a large section of society.
- **Setting up Business Incubator (BI):** CIE is also working closely to set up an incubator to promote research, innovation and entrepreneurial skill amongst the students. The students who are keen to commercialise their venture would get support from the incubator in terms of infrastructure and guidance.
- **Conducting Workshops/ Training:** CIE is expected to organise more Workshops/ Trainings across various University departments. The response received from the workshops is very encouraging and as the next step, the centre plans to carry out more such workshops customised according to the requirement of the departments. |In this regard, the centre has already started approaching various departments across the University.
- **Launching Competition:** Competition provides the best platform to showcase talent. CIE has already launched the flagship competition – “Innovate for a Cause”, the initial response has been very encouraging. The winners of this competition would be declared by the third week of March, 2016.
- **Internship Programme:** The CIE would soon launch the Internship programme in line with the last year. The details for the same would be released soon.

The Team Behind it All !

Honorary Director:

Dr. Mini Thomas

Heads of Divisions

Incubation and Entrepreneurship

Prof. Z. A. Jaffery,
Prof. Shafeeqe Ansari

Innovation and Technology Management

Dr. Naseeb Ahmad

Consultancy and Industry Interface

Dr. Rehan Suri
Dr. Asheref Illiyan

Capacity Building and Publishing

Dr. Yasmeen Shamsi Rizvi
Prof. Shiraj Ahmad

Special thanks to

Mohd. Ali, Personal Assistant, CIE

Students Core Team:

Raghav Gupta
Sarah Masud
Pawandeep Singh
Ashar Javed
Farheen Nilofer

Editorial Team

Team Head -Sehba Fatima
Mohd. Danish
Aarushi Kapoor
Sarah Sultan Khan
Tuba Khan
Sara Khan
Adil Khan

Student Volunteers

Roshan
Ekrama Arshad
Monika Agarwal
Waqar Ahmed Dar
Tasmeem Khan
Bussra Weqar
Owais
Fatima
Khan Mohd Ahsan
Tausef
Shafaq Fareed
Aba Noor
Rabia Azmat
Uzma Uddin
Shruti Ranjan
Vivek Prabhakar Srivastava
Gaurav Prit
Shekhar Singh
Aditya Mishra
Bipin Yadav



“INNOVATION DISTINGUISHES BETWEEN A LEADER AND A FOLLOWER”

- Steve Jobs

Contact Information

Honorary Director

Centre for Innovation and Entrepreneurship Faculty of
Engineering & Technology Building (3rd Floor)

Jamia Millia Islamia, New Delhi 110025

Email: cie@jmi.ac.in

Phone No. : +91-11-26981717/2590