

ACTIVITY REPORT

**ACTIVITIES OF THE
INNOVATION & INCUBATION
CENTRE FOR THE YEAR
2019-2020**



SINCE 1951

**INNOVATION & INCUBATION CENTRE
JAMAL MOHAMED COLLEGE
(Autonomous)**

**College with Potential for Excellence
Accredited (3rd Cycle) with 'A' Grade by NAAC
DBT Star Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
Tiruchirappalli – 620 020**



JAMAL MOHAMED COLLEGE (*Autonomous*)

TIRUCHIRAPPALLI – 620020

Since 1951

About the Innovation and Incubation Centre of Jamal Mohamed College

The Innovation and Incubation Centre of Jamal Mohamed College was inaugurated on 08-10-2018 to develop and disseminate the scientific skills for the betterment of social community. The MHRD of Government of India, initiated activities under innovation cells (MIC) in higher education institutes for the purpose of promoting innovative ideas in the field of food, health, environment and software development. MHRD-Institution's Innovation Council (IIC) in our campus was also activated under Jamal Innovation and Incubation Centre.

OBJECTIVES:

- To promote scientific ideas through research projects and products for effective delivery of technologies for better livelihood among present generation leading to societal benefits.
- To increase the wealth of society by promoting commercialization of products from innovative ideas and societal knowledge.
- To contribute and promote the ecofriendly technologies for agriculture and allied sectors.
- To promote the technology, transfer training programmes to academicians and for the public.
- To undertake the interdisciplinary research in collaboration with industries.

PROPOSED ACTIVITIES:

- Conduct of technology transfer training programmes to academicians and general public.
- Write out the product based project proposals to the funding agencies for society. (Research Projects, Outreach Programmes etc.)
- Document traditional knowledge, grassroots and professional innovations.
- Conduct the science exhibitions for school children and document their ideas and prototype.
- Identification of market oriented agriculture, herbal and nutraceutical products.
- Development of Innovation database.
- Validation and value addition of potential products.
- Small startups for commercialization of products.
- Industrial collaboration of value addition/mass production of products and marketing.
- Conduct the awareness rally programmes in various disciplines
- Protect the products under IPR (patents, registration etc.)

OUTCOMES/BENEFITS:

- Research projects and funding
- Novel and common products for society
- Patents and Innovative products
- Innovation database
- Improve the livelihood of the villagers
- Technology transfer training for academicians (both students and teachers)
- Involvement of school children for science related society programmes.
- Awareness on the various issues to the general public
- Industrial collaboration

Innovation and Incubation Centre Activities

Activity 1 - One-day workshop on Documentation of Traditional knowledge and Grassroots Innovation

Chief Guest: Dr. A.B. Balasubramaniam, ABS Herbal Garden, Yercaud.

Date & Place: 16/07/2019 & Commerce SF Gallery

Innovation and Inauguration of Innovation Incubation Centre, Jamal Mohamed College and One-day workshop on Documentation of Traditional knowledge and Grassroots Innovation on **16/07/2019 at commerce SF Gallery** Jointly organized by Department of Botany and Innovation Incubation Centre Dr. A.B. Balasubramaniam, ABS Herbal Garden, Yercaud and Mr. Akthar Ali, NS Tyres, Tiruchirappalli, A Grassroot Innovator delivered the special address among the students. Dr. B.Balaguru, Assistant Professor Department of Botany explain the importance of Traditional documentation and Grassroots Innovation to the Students during morning for Men students and evening for women students.



Chief Guest Dr. A.B. Balasubramaniam, ABS Herbal Garden, Yercaud was honored by our Treasurer

Chief Guest Speech



A Section of participants in the workshop



Activity 2 – Participation of our Jamal Innovation and Incubation Centre members in Regional Mentoring Session for IIC & ARIIA 2020.

Date & Place: 29th July 2019 & Kumaraguru College of Technology, Coimbatore

MHRD'S INNOVATION CELL conducted Regional Mentoring Session for PoC's & Orientation session for IIC and ARIIA 2020 at **Kumaraguru College of Technology, Coimbatore on 29th July 2019**. In our college two faculty members and four students from Nutrition & Dietetics and Information technology were attended the Programme. Dr. B. Balaguru, Assistant Professor, Department of Botany & Dr. A. Sangeetha Assistant Professor, Department of Nutrition & Dietetics attended session on India Innovation and startup and ARIIA, IIC 2.0 session organized during the programme. Students ideas were mentioned by the faculties from FORGE, a IT based company at Coimbatore.





Our Students and Faculties attended the session organized by India Innovation and startup and ARIIA, IIC 2.0 at Kumaraguru College, Coimbatore.

Activity 3 - Webinar Talk Series on, India First Leadership by Hon'ble Minister

Dr. Ramesh Pokhriyal, Ministry of Human Resource and Development, Govt. of India.

Date & Place: 22/07/2019 & Computer Science AC Seminar Hall

India first Leadership Talk series: Dr. Ramesh Pokhriyal Hon'ble Minister of HRD Government of India was talk on Innovation for Resurgent India organized by MHRD, Government of India through webinar on 22nd August 2019. In Jamal Mohamed College, Incubation and Innovation Centre arranged the webinar at Computer Science AC seminar Hall, around 120 students and 15 faculties were participated in this programme. Through this lecture Students are motivated and learned the importance time, Hardworking and Slogon of JAI JAWAN (youth), JAI KISAN (farmers), JAI VIGYAN (Science) and JAI ANUSHDHAN (Research). Also Minister focused on the Prime Minister Shri. Narendra Modi's lecture, he said that our scientists must commit themselves to addressing problems of affordable healthcare, housing, clean air, water, energy, agricultural productivity and food processing and importance of water in future generation. **Minister focused on the New Education Policy and how it uplifts the society through education and Employment.** He also mentioned that students have to face the failure, they learn from them for their success.



Dr. Ramesh Pokhriyal Hon'ble Minister of HRD Government of India was talks through webinar



A section of Audience on the webinar Session

Activity :4 – Workshop on Quality enhancement of Research: New Paradigm in Trans-disciplinary approaches and IPR.

Resource Person: Dr. Abdul Haroon Rashi Syed Sulthan Alaudeen, RMIT University, Melbourne, Australia.

Date & Place: 06/09/2019 & Syed Hussainudeen Hall

Workshop on Quality enhancement of Research: New Paradigm in Trans-disciplinary approaches and IPR Conducted by Dr. Abdul Haroon Rashi Syed Sulthan Alaudeen, College of Science, Engineering & Health, RMIT University, Melbourne city campis, Victoria, Australia on 06.09.2019 organized by IQAC and Innovation Incubation Centre for Jamal Mohamed College at Syed Hussainudeen Hall, Jamal Mohamed College, Tiruchirappalli.



Dr. Abdul Haroon Rashi Syed Sulthan Alaudeen, College of Science, Engineering & Health, RMIT University, Melbourne city campis, Victoria, Australia delivering the talk.



Our Burser Dr. D. I. George Amalarethnam honored chief guest Dr. Abdul Haroon Rashi Syed Sulthan Alaudeen



Interaction of chief guest with research scholars

Activity 5 – IIC council meeting for Formulation & Function as per MHRD Innovation Cell's 2019-2020: Guidelines

Presided by IIC President of Jamal Mohamed College Dr. S. Ismail Mohideen

Date & Place: 17.09.2019 & Physics Seminar Hall

The first council meeting of institution's Innovation Council (IIC) Jamal Mohamed College called by IIC President Dr. S. Ismail Mohideen held on 17.09.2019. To discuss upon the formulation and function of IIC & shared the roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell. The council members met and discussed about the objectives of IIC, type of activities, features of IIC portal for monthly report submission mechanism. Key Role and Position assigned in IIC.

Activity 6 – Innovation Expo Competition & Celebration of Dr. A.P.J. Abdul Kalam's Birth Anniversary as National Innovation Day.

Chief Guest: Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent

Date & Place: 15/10/2019 & Commerce SF seminar Hall (A/C)

As the Institution Innovation Council, MHRD, Government of India. Incubation Centre of Jamal Mohamed College organized an Interdepartmental Innovation Expo competition in order to encourage the students in Innovative learning process. Programme organized on 15th October to celebrate the Dr. A.P.J. Abdul Kalam Birth Anniversary as Innovation Day. Sixty students were participated in this programme. The programme organized in Commerce SF seminar Hall (A/C). The programme formally inaugurated by the Secretary and Correspondent and Management of the Jamal Mohamed College, Tiruchirappalli. Students from

Botany, Biotechnology, Microbiology, Commerce, Computer Science, Visual Communication, Chemistry, B.voc. Food Processing & Safety were demonstrated their innovations. Three Judges from different disciplines were selected top four innovations. The selected students received award and certificate. Participation certificate was given to all the participants.



National Innovation Day in Jamal Mohamed college was inaugurated by Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent.



Innovation Day Activities by our students

Activity 7 – Submission of Proposal for ATAL Ranking of Institutions on innovation achievements (ARIIA) 2018-2019 conducted by MHRD, Govt. of India.

Date: 30/10/2019

Submission of Proposal to MHRD for Atal Ranking of institutions on innovation achievements (ARIIA) 2018-2019.

Activity 8 - Our College Jamal Awarded Rating 3 by the Institution Innovation Council (IIC) Government of India

Issued Date: 06.11.2019

MHRD's Innovation Cell Government of India, has awarded Rating **THREE** of our Jamal Mohamed college, for Institution Innovation Council (IIC) activities for the year 2018-2019 by IIC MHRD Government of India issued on 06-11-2019.



Activity: 9 –

Smart India Hackathon 2020: Internal Screening Program for Smart India Hackathon 2020

Chief Guest: Dr. A. K. Khaja Nazeemudeen, Secretary & Correspondent

Date & Place: 13/01/2020 & IT Seminar Hall

INTERNAL SMART INDIA HACKATHON 2020, held on 13th January 2020 at IT Seminar Hall. It is nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. The students would have the opportunity to work on challenges faced within various Ministries, Departments, Industries, PSUs, and NGOs to create world class solutions for some of the top organizations including industries in the world, thus helping the Private sector hire the best minds from across the nation. The members were acted as a JURY for INTERNAL SMART INDIA HACKATHON 22-02-2020-- Dr. A.R. Mohamed Shanavas, (Associate Professor of Computer Science), Mr. M. Kamal, (Assistant Professor & MID of Information Technology), Mr. A. Basheer Ahamed, (Assistant Professor of Information Technology), Mr. M. Mohamed Zamam Nazar, (Programmer of Information

Technology), Dr. B. Bala Guru, (Assistant Professor of Botany), Dr. T. Nargis Begum, (Assistant Professor of Biotechnology), Dr. A. Sangeetha (Assistant Professor of Nutrition & Dietetics.



Activities on INTERNAL SMART INDIA HACKATHON 2020

Activity: 10 – Screening the Proposals for Marie Curie Award for International Travel Grant Assistance

Screening Committee: Dr. M. Ghouse Basha, Dean of Science for Men, Dr. S. Shajitha Begum, Dean of Science for Women, Dr. A. Shajahan, Dean of Research, Dr. A. S. Haja Hameed, Assistant Professor of Physics, Dr. T. Nargis Begum, Assistant Professor of Biotechnology

Date & Place: 27.02.2020 & Dean of Research Centre

On 27.02.2020, Evaluation of marie curie international travel grant proposals were screened by the selection committee members including. A proposal submitted by Dr. Ebenazar, was recommended for financial support under the scheme.



Screening the Proposals for Marie Curie Award for International Travel Grant Assistance