

# ACTIVITY REPORT

2021-2022

**Jamal Innovation and Incubation  
Center (JIIC)**



Since 1951

**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)

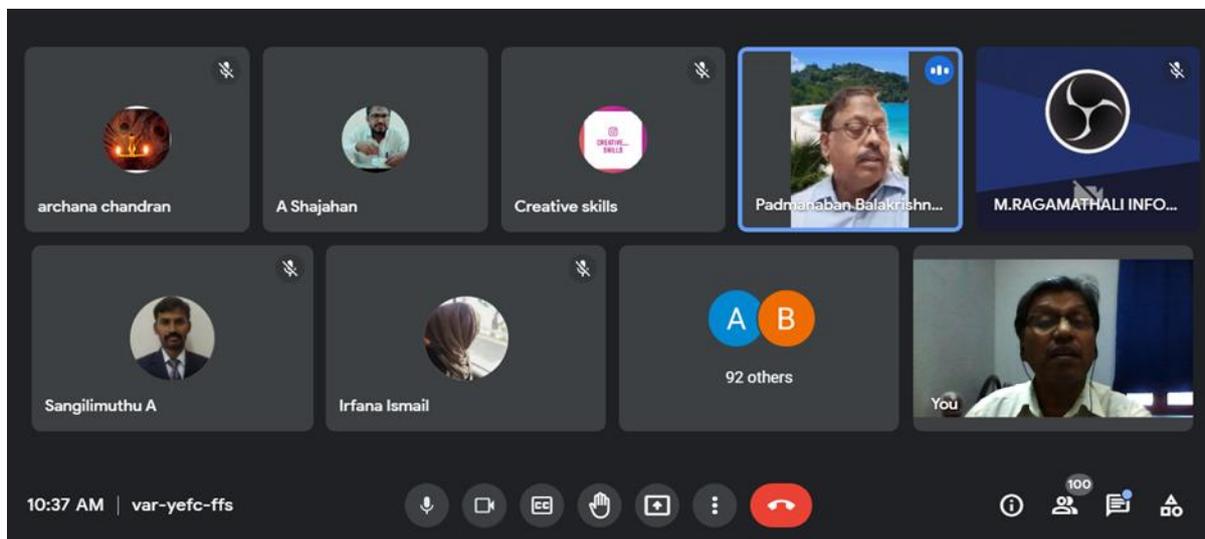
Tiruchirappalli – 620 020

## **Jamal Innovation and Incubation Center (JIIC) – Activities – 2021-22**

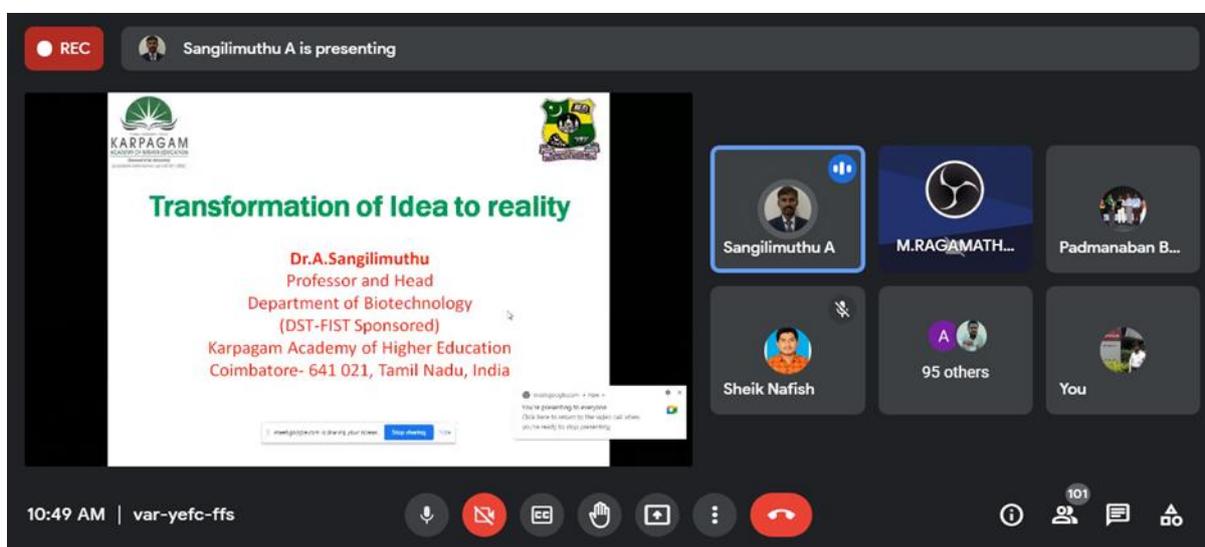
Our college, apart from teaching and extension activities is doing outstanding and innovative research in several fields of basic and applied science. The college recognizes its responsibility to propagate and disseminate knowledge. Hence, there is a need to encourage creativity and scholarly works and to develop new and useful materials, devices and other intellectual property. Creating the intellectual property shall have potential for commercialization, which in turn contributes to the professional development of the individual involved, enhances the reputation of the college, offers expanded educational opportunities for students and promotes public welfare. The college is committed to provide all sorts of conducive environment to the researchers which results in creation of innovation and start-ups. In order to achieve these goals, Jamal Innovation and Incubation Center (JIIC) in association with Institution's Innovation Council (IIC) organized various programmes based on the instructions given by Ministry of Education's Innovation Cell (MIC) through online mode. In the academic year 2021-22, four sessions were conducted on 04-10-2021 and 22-10-2021 under Impact Lecture Series sponsored with a grant of Rs. 12,000/- (Rupees Twelve thousand only) by MIC, AICTE. Though online mode (Google Meet), six self-driven activities were conducted on 18-06-2021, 21-06-2021, 22-06-2021, 14-07-2021, 15-07-2021 and 19-07-2021. In view of World Entrepreneurs' Day Celebrations, Panel Discussion on "Entrepreneurs and Entrepreneurship Development" & online session on "Design Thinking and Product Development" were organized on 23-08-2021 and 24-08-2021. On 26-08-2021, Essay Writing and E-Poster Competitions in light of World Entrepreneurs' Day were also conducted for our students. The six MIC Driven Programmes and six Self -Driven Programmes as per the guidelines of MIC were conducted between 06-02-2022 and 23-02-2022. The nine startup ideas have been incubated with Jamal Mohamed College through Jamal Innovation and Incubation Center. The staff members Dr. A. S. Haja Hameed, Dr. B. Balaguru, Dr. A. Sangeetha, Dr. N. Mohamed Siddiq, Mr. A. M. Z. Mohammed Arsath Ali, Dr. M. A. Rifayathali, Dr. F. M. Mashood Ahamed, Mr. S. Peer Basha, Mr. M. Ragamath Ali and Dr. V. Kavitha have been trained for Innovation Ambassadors certified by MoE's Innovation Cell. Our Innovation Council of Jamal Mohamed College received 3-star status based on the undertaken activities prescribed by Innovation Cell, Ministry of Education, Govt. of India, to promote innovation and startup in our campus. For the participation of our college in the Smart India hackathon 2022, Dr. A.S. Haja Hameed, Coordinator, Jamal Innovation and Incubation Center was nominated as a Single Point of Contact (SPOC) by our college. An Internal Smart India hackathon 2022 was conducted on 28-03-2022 at Computer Science Seminar Hall. 20 teams from various departments were participated. 10 teams were selected and 5 teams were kept waitlisted as per the guidelines of Smart India Hackathon 2022. To encourage the students' entrepreneurship, two stalls (Turkish Spot and Jiharthanda) were permitted by our college to sell their products (Chicken shawarma, Puri shawarma and Jiharkhanda) in the college campus during the convocation days of the academic year 2021-22.

**Online (Google Meet) Self-Driven and Calendar activities – 2021-22 MoE’s Innovation Cell (MIC).**

S. No.	Name of the Programme	Resource Person (s)	Date	Time
1	Innovation and start-ups	<b>Dr. A. Aslam</b> , Assistant Professor, Department of Botany, Jamal Mohamed College (autonomous), Tiruchirappalli and Mr. K. Marimuthu, Director & Founder, Aranyaa Group of Companies, Tiruchirappalli.	18-06-2021	10:30 a.m.
2	The potential of internship and its impact on career preparation	<b>Dr. M. Syed Ali Padusha</b> , Associate Professor, Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli.	21-06-2021	11:30 a.m.
3	Transforming new ideas into reality access through financial investment	Moderator <b>Dr. B. Padmanaban</b> , Research Advisor, Jamal Mohamed College, Tiruchirappalli. <b>Panel members</b> 1. <b>Dr. A. Sangilimuthu</b> , Professor and Head, Department of Biotechnology, Karpagam Academy of Higher Education Coimbatore. 2. <b>Dr. A. Jafar Ahamed</b> , Associate Professor, Department of Chemistry, 3. <b>Dr. A. Sangeetha</b> , Assistant Professor, Department of Nutrition and Dietetics, 4. <b>Archana V. C.</b> , Assistant Professor, Department of Fashion Technology & Costume Designing Jamal Mohamed College (Autonomous) Tiruchirappalli.	22-06-2021	10:30 a.m.
4	Learning start-ups and viable products	<b>Mr. A. Sivakumar</b> , KP Enterprises, Ponnagar, Tiruchirappalli-01.	14-07-2021	10:30 a.m.
5	Road map to Innovation Management and IP Protection	<b>Dr. M. S. Mary Mangaiyarkarasi</b> , Consultant IP, Bangalore Bioinnovation Centre, Bangalore - 560 100.	15-07-2021	11:00 a.m.
6	Innovation and startup at higher educational institutions	<b>Dr. B. Balaguru</b> Assistant Professor & IIC - Innovation Ambassador Jamal Mohamed College (Autonomous) Tiruchirappalli - 620 020.	19-07-2021	10:30 a.m.



Online Panel Discussion on Transforming new ideas into reality access through financial investment” - 22.06.2021 moderated by Dr. B. Padmanaban, Research Advisor, Jamal Mohamed College, Tiruchirappalli.

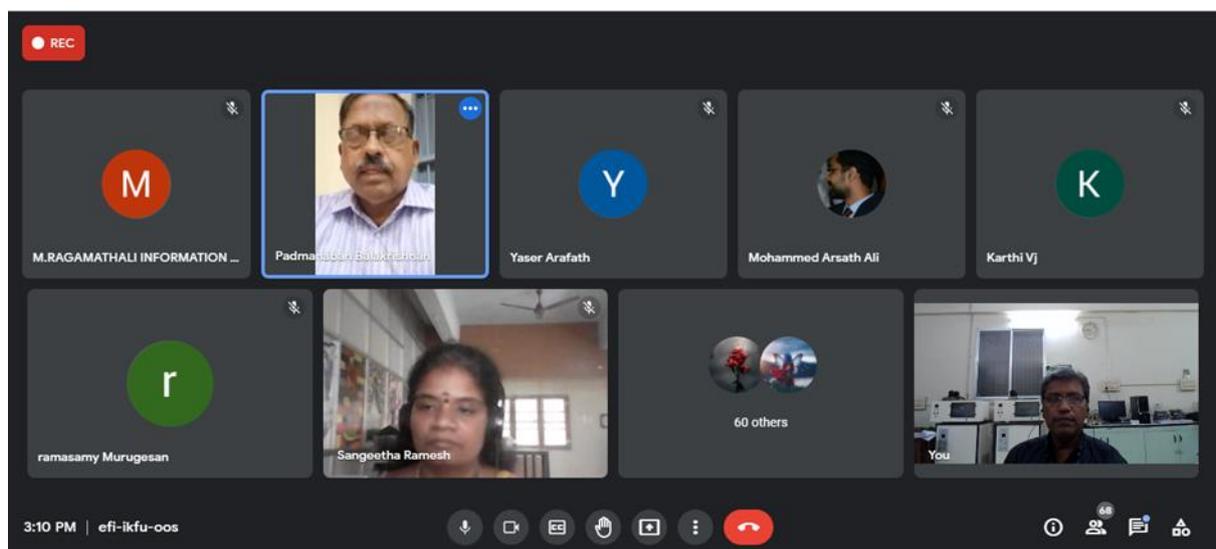


Online Panel Discussion on Transforming new ideas into reality access through financial investment - 22.06.2021 discussed by the panel member Dr. A. Sangilimuthu, Professor and Head, Department of Biotechnology, Karpagam Academy of Higher Education Coimbatore.

### World Entrepreneurs' Day Celebration Series 2021

S. No.	Name of the Programme	Resource Person(s)	Date	Time
1	Our dream startup	<b>Mr. J. Shaliq Mohammed,</b> Founder, Geek Space, Tiruchirappalli.	23- 08-2021	10:30 a.m.
2	Panel Discussion on Entrepreneurs and Entrepreneurship Development	<b>Dr. R. Murugesan,</b> Professor, Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirappalli.  <b>Dr. A. Sangeetha,</b> Assistant Professor of Nutrition and Dietetics, Jamal Mohamed College, Tiruchirappalli.	24-08-2021	3:00 p.m.

3	Design Thinking and Product Development	<b>Mr. S. Dharmalingam</b> , Former General Manager (BHEL), Visiting Faculty, National Institute of Technology (NIT), Tiruchirappalli.	26-08-2021	3:00 p.m.
4	Essay Writing and E-Poster Competitions	Jamal Innovation and Incubation Center and Institution's Innovation Council (IIC).	21-08-2021 to 26-08 -2021	8:30 a.m. to 1.30 p.m.



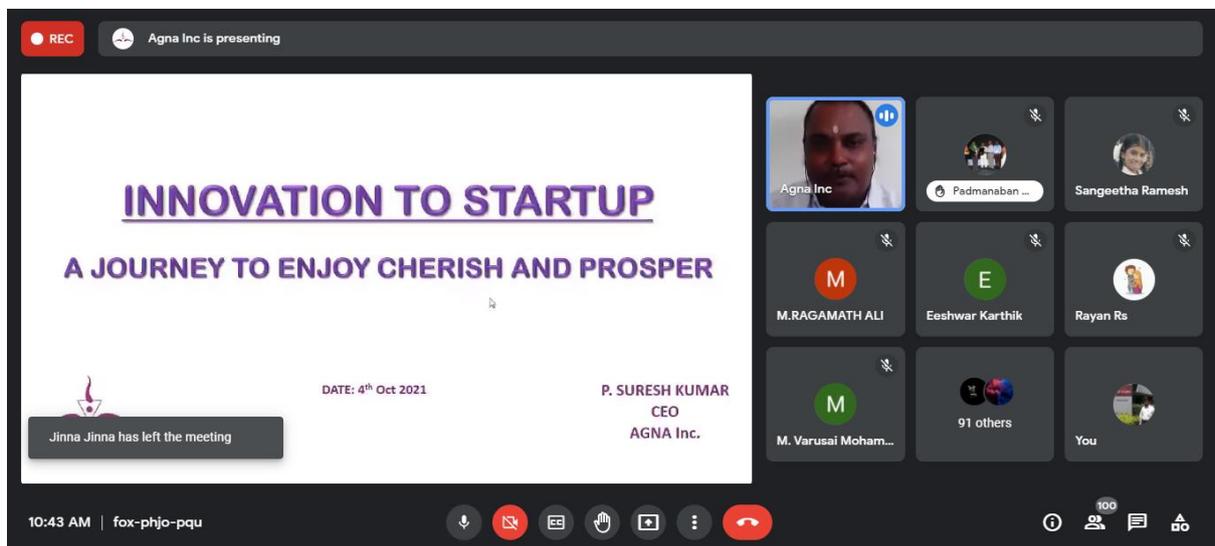
Online Panel Discussion on Entrepreneurs and Entrepreneurship Development discussed by Dr, R. Murugesan, Professor, Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirapalli and Dr. A. Sangeetha Assistant Professor of Nutrition and Dietetics, Jamal Mohamed College, Tiruchirapalli., - moderated by Dr. A.S. Haja Hameed, Coordinator, Jamal Innovation and Incubation Center on 24-08-2021.



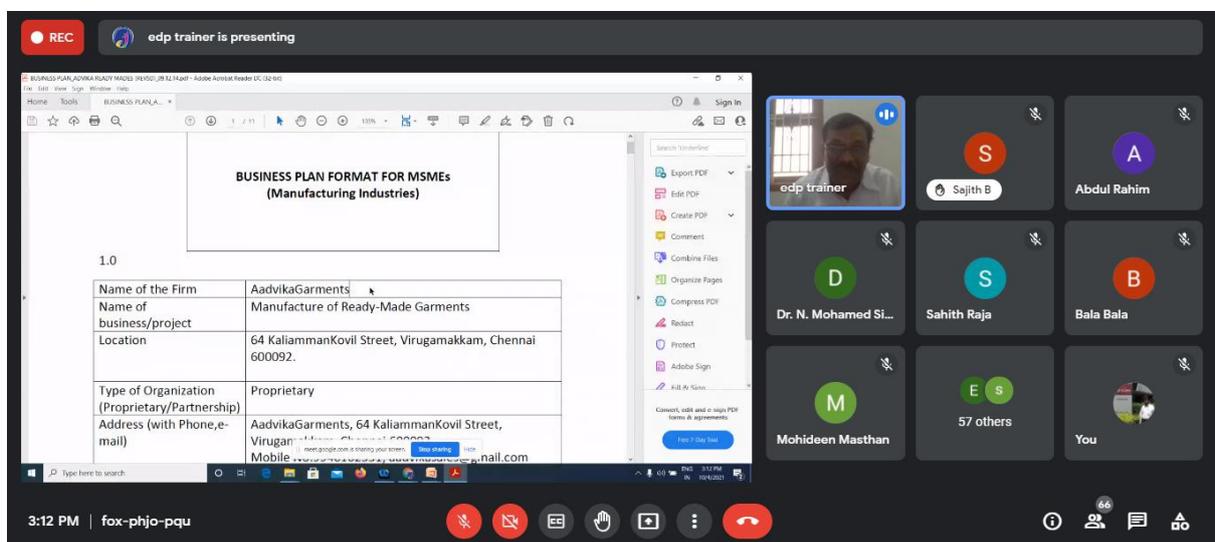
Online session on Design Thinking and Product Development, delivered by Mr. S. Dharmalingam, Former General Manager (BHEL), Visiting Faculty, National Institute of Technology (NIT), Tiruchirappalli on 26-08-2021.

### Impact Lecture Series 2021(Online (Google Meet) sponsored by MoE's Innovation Cell (MIC).

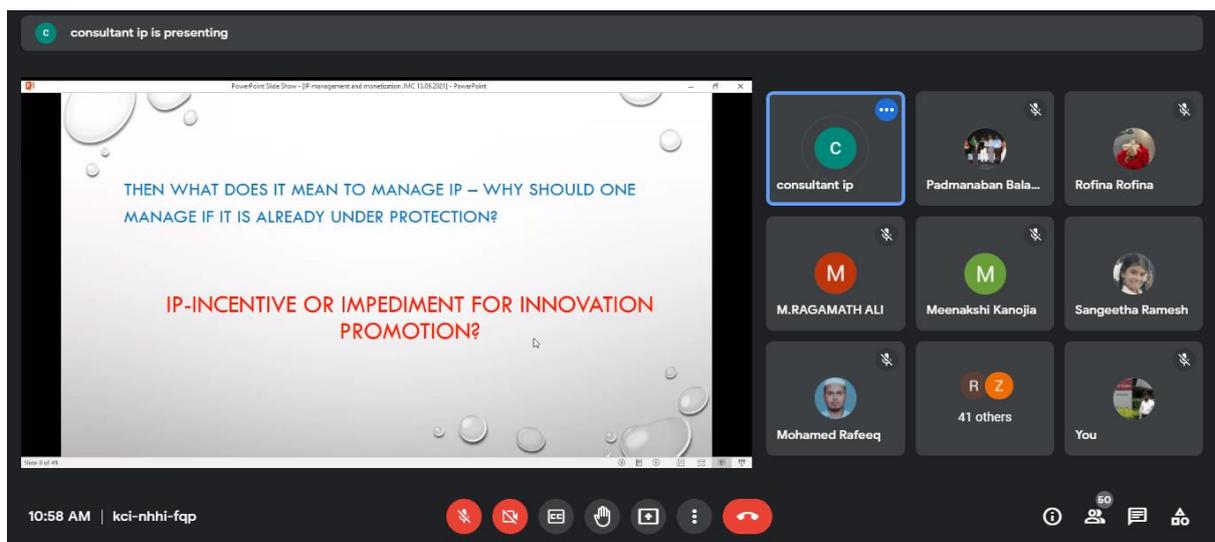
S. No.	Name of the Programme	Resource Person(s)	Date	Time
1	Innovation to start up – Journey to enjoy, cherish and prosper	<b>Mr. P. Suresh Kumar</b> , CEO, Agna Inc., Manufacturers of Equipments and Assemblies, 19, Lake View, Square, Nanjappa Nagar, Singanallur, Coimbatore.	04-10-2021	10:30 a.m.
2	Challenges in Entrepreneurship	<b>Mr. S. Jaisankar</b> , CEO, Thozhil Munaiavour Allosani & Payirchi Maiyam Tamilnadu.	04-10-2021	1:30 p.m.
3	IP Management for Monetization	<b>Dr. M. S. Mary Mangaiyarkarasi</b> , Consultant IP, Bangalore Bioinnovation Centre, Bangalore - 560 100.	22-10-2021	10:30 a.m.
4	Innovation and Technology Transfer	<b>Ms. Meenakshi Kanojia</b> Registered Technology Transfer Professional (RTTP), Co-ordinator, DST - Amity Technology Enabling Center (TEC), Amity University, Noida.	22-10-2021	2:30 p.m.



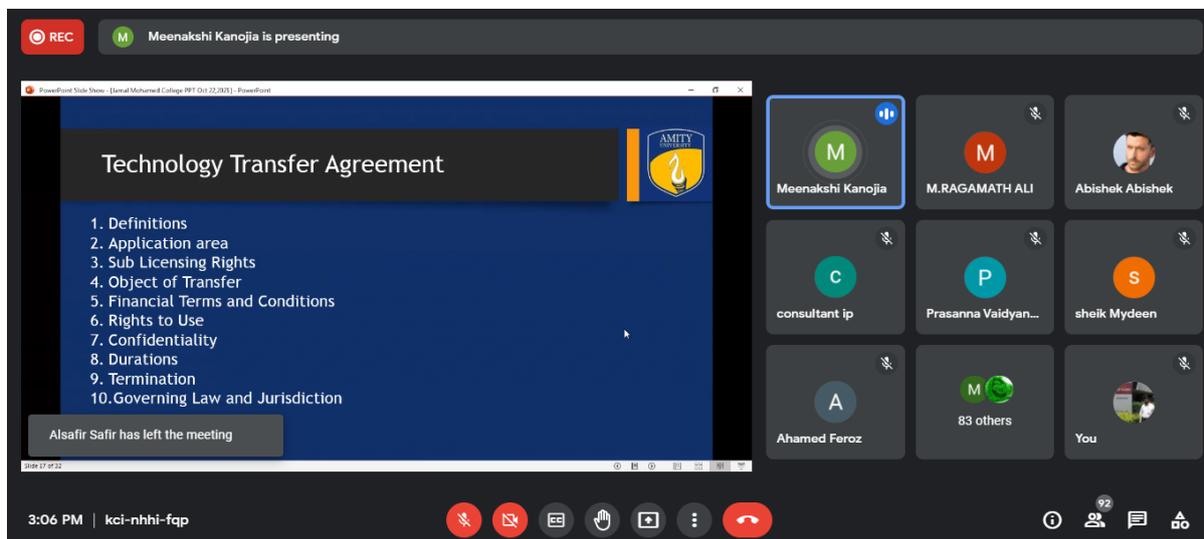
Online session on Innovation to Start up – Journey to enjoy, cherish and prosper - 04-10-2021 delivered by the Resource person Mr. P. Suresh Kumar, CEO, Agna Inc., Coimbatore.



Online session on Challenges in Entrepreneurship - 04-10-2021 delivered by the Resource person Mr. S. Jaisankar, CEO, Thozhil Munaivour Allosani & Payirchi Maiyam Tamilnadu.



Online session on IP Management for Monetization - 22-10-2021 delivered by the Resource person Dr. M. S. Mary Mangaiyarkarasi, Consultant IP, Bangalore Bioinnovation Centre, Bangalore - 560 100.



Online session on Innovation and Technology Transfer - 22-10-2021 delivered by the Resource person Ms. Meenakshi Kanojia, Amity Technology Enabling Center (TEC), Amity University, Noida.



A Certificate from MoE's Innovation Cell, Govt. of India.

The six MIC driven programmes and six self -driven programmes as per the guidelines of MIC were conducted in the following schedules.

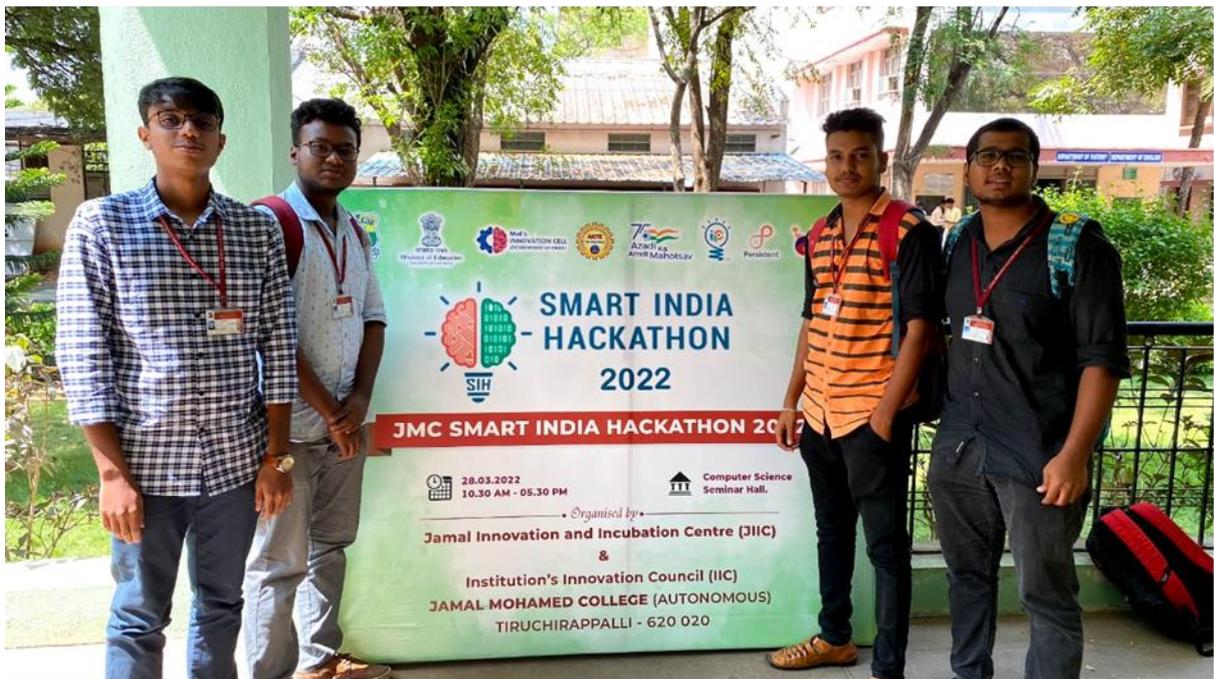
**MIC Driven Programmes and Self -Driven Programmes – 2021-22.**

S. No.	Name of the Programme	Resource Person(s)	Date	Time
1	My Story - Motivational Session by Successful Innovators	<b>Dr. A. Sangeetha</b> Assistant Professor of Nutrition and Dietetics Jamal Mohamed College (Autonomous),	06-02-2022	10:30 a.m.
2	Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support	<b>M. Athiba Fathima</b> - Herbella Soup Kit <b>Dr.N.Reehana</b> - Applications of Cyanobacterial phycoyanin pigment <b>Dr. K. Mahmoodah Parveen</b> - Biodeterioration of Domestic Sewage & Effluents (DSE) by Indigenous Plant and Microbes <b>M. Mohamed Zamam Nazar</b> - Instant Oil for Headache / Cold / Blocked nose / Muscular Pain <b>M.Ragamath Ali</b> – EDUTECH Company	07/02/2022	10:30 a.m.
3	My Story - Motivational Session by Successful Entrepreneur/Start-up founder	<b>Mr. N. Kanagasabapathy</b> Director R. K. Group of Companies & Managing Trustee of R. K. Charitable Trust, Tiruchirappalli-21	08/02/2022	03:30 p.m.
4	Nuances of Patent Filing Procedure	<b>Dr. M.S. Mary Mangaiyarkarasi</b> Consultant – IPR Bangalore Bio-innovation Centre Bangalore	09-02-2022	10:30 a.m.
5	Promoting Innovative Ideas to IPR	<b>Dr. A. Bakrudeen Ali Ahmed</b> Associate Professor and Dean, School of Life Sciences PRIST Deemed University, Thanjavur, Tamil Nadu	09-02-2022	11:30 a.m.
6	Entrepreneurship and Business idea to Startups	<b>Ms. R. Kavitha</b> Entrepreneur Verditer – Fly to Nature Company, Coimbatore -19	18-2-2022	10:30 a.m.
7	Process of Innovation Development and Technology Readiness Level (TRL) & “Commercialization of Lab Technologies and Tech-Transfer	<b>Mr. S. Santhosh</b> Chief Executive Officer EDII- Tiruchirappalli Agribusiness Incubation Forum, Anbil Dharmalingam Agricultural College and Research Institute	17-2-2022	10:30 a.m.

		Tamil Nadu Agricultural University		
8	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development	<b>Ms. N. Jeenathunisha</b> Assistant Professor of Microbiology Cauvery College for Women (Autonomous), Tiruchirappalli- 18	26/02/2022	10:30 a.m.
9	Workshop on Design Thinking, Critical thinking and Innovation Design	<b>Dr. S. Gowri</b> Associate Professor of Department of Physics IIC Coordinator Cauvery College for Women (Autonomous),	27/02/2022	10:30 a.m.
10	Processes of developing good Startups	<b>Mr. M. Raja Mohamed</b> Managing Director Dovyo Technologies Private Ltd, Tiruchirappalli-620 008	22-2-2022	10:30 a.m.
11	Viable products from biomaterials: A startup perspective	<b>Dr. N. Reehana</b> Assistant Professor, Department of Microbiology Jamal Mohamed College (Autonomous), Tiruchirappalli-20	23-2-2022	10:00 a.m.
12	Entrepreneurship: Components and Stages in Business Plan Development	<b>Mr. A.M.Z. Mohammed Arsath Ali</b> Assistant Professor of Economics Jamal Mohamed College (Autonomous), Tiruchirappalli-20.	23-02-2022	11:30 a.m.



JMC Smart India Hackathon 2022 held on 28-03-2022 at Computer Science Seminar Hall.



Teams participated in JMC Smart India Hackathon 2022 held on 28-03-2022 at Computer Science Seminar Hall.



Teams participated in JMC Smart India Hackathon 2022 held on 28-03-2022 at Computer Science Seminar Hall.



Jury Panel- JMC SIH 2022 (for boys) held on 28-03-2022 at Computer Science Seminar Hall.



Jury Panel- JMC SIH 2022 (for girls) held on 28-03-2022 at Computer Science Seminar Hall.



Judging Process in JMC SIH 2022 held on 28-03-2022 at Computer Science Seminar Hall.



Judging Process in JMC SIH 2022 held on 28-03-2022 at Computer Science Seminar Hall.



JMC Smart India Hackathon 2022 team (SF Women) received the consent letter for SIH Team Registration.



JMC Smart India Hackathon 2022 teams (Aided Men) received the consent letter for SIH Team Registration



JMC Smart India Hackathon 2022 teams (Aided Men) received the consent letter for SIH Team Registration.



JMC Smart India Hackathon 2022 team (SF Women) received the consent letter for SIH Team Registration.



JMC Smart India Hackathon 2022 team (SF Women) received the consent letter for SIH Team Registration.



A stall named as Turkish Spot selling the own Chicken shawarma and Puri shawarma to encourage the student entrepreneurs of our college during the convocation days of the academic year 2021-22.



During the selling of the own Chicken shawarma and Puri shawarma by Turkish Spot.

**IIC - Innovation Ambassadors of Jamal Mohamed College, certified by MoE's Innovation Cell (MIC).**





This is to certify that  
**Dr. A. Sangeetha**  
of

**Jamal Mohamed College, Tiruchirappalli - 620 020., Tamil Nadu**

has undergone Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

**Prof. Anil D. Sahasrabudhe**  
Chairman  
AICTE

**Dr. Abhay Jere**  
Chief Innovation Officer  
MoE's Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 9446



This is to certify that  
**Dr. V. Kavitha**  
of

**Jamal Mohamed College, Tiruchirappalli - 620 020., Tamil Nadu**

has undergone Innovation Ambassador training (Foundation Level) conducted by MoE's Innovation Cell & AICTE during the period from 30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE

**Dr. Abhay Jere**  
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 9538



This is to certify that  
**N. MOHAMED SIDDIQ**

of

**Jamal Mohamed College of Teacher Education , Tamil Nadu**

has undergone Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

**Prof. Anil D. Sahasrabudhe**  
Chairman  
AICTE

**Dr. Abhay Jere**  
Chief Innovation Officer  
MoE's Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 11657



This is to certify that  
**Mohammed Arsath Ali A M Z**

of

**Jamal Mohamed College, Tiruchirappalli - 620 020., Tamil Nadu**

has undergone Innovation Ambassador training (Foundation Level, Total 16 Sessions of 30 contact hours) conducted by MoE's Innovation Cell & AICTE during the period from 30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

**Prof. Anil D. Sahasrabudhe**  
Chairman  
AICTE

**Dr. Abhay Jere**  
Chief Innovation Officer  
MoE's Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 11658



This is to certify that

**Dr. M.A. RIFAYATHALI**

of

**JAMAL MOHAMED COLLEGE, Tamil Nadu**

has undergone Innovation Ambassador training (Advanced Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE

**Dr. Abhay Jere**  
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 1036



This is to certify that

**F. M. MASHOOD AHAMED**

of

**Jamal Mohamed College, Tiruchirappalli - 620 020., Tamil Nadu**

has undergone Innovation Ambassador training (Foundation Level)  
conducted by MoE's Innovation Cell & AICTE during the period from  
30<sup>th</sup> June - 30<sup>th</sup> July 2021 in online mode.

**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE

**Dr. Abhay Jere**  
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 9540