

Workshop on Innovation and Entrepreneurship as career opportunities

The Innovation and Entrepreneurship Development Centre organised a workshop on “Innovation and Entrepreneurship as career opportunities” on 22nd December 2021 at 10.45 am for first-year students at F14 seminar hall. Innovation Ambassadors of KCG College of Technology Dr. Jose Anand, Dr. Mohamed Zakriya, Dr. R. Lakshmipathy and Dr.Vignesh Kumar were the resource persons for the workshop.

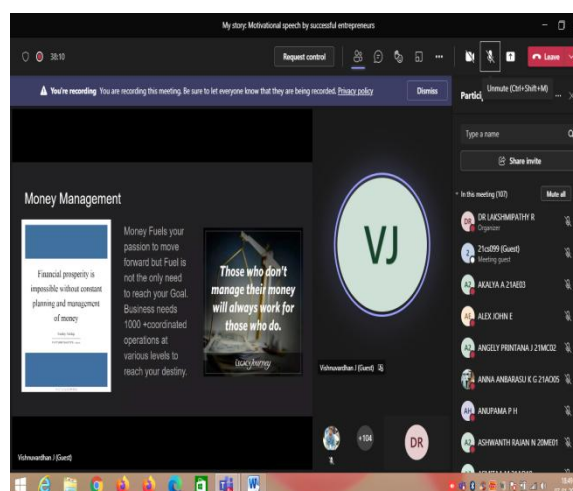
Dr. R. Lakshmipathy, IIC Convenor welcomed the participants of the workshop and briefed them about the IIC activities on campus and its achievements in promoting innovation and entrepreneurship among students and faculty. He also introduced the Innovations Ambassadors of KCG College of Technology to the participants.



Dr.Vignesh Kumar took over the session and explained how to innovate and the steps involved in prototype development with lucid examples. Dr. Jose Anand briefed on design thinking and how design thinking can lead to successful innovations with examples and case studies. He also took through some of the greatest inventions and innovations of all time. Dr. Mohamed Zakriya briefed on entrepreneurship and the role of entrepreneurs in elevating the society to next level. He also made the session interactive with a simple activity that makes the participants understand the profit and losses in business with respect to commitments and timelines. Dr.R. Lakshmipathy briefed on the role of business incubators in handholding the start-ups to become self-sustainable and financial support and services extended by incubators to start-ups. He also invited the participants to visit the business incubator functioning on campus. A total of 46 first-year students across the disciplines were part of the workshop and got benefited.

My story: Motivational session by successful entrepreneurs

The Innovation and Entrepreneurship Development Centre of KCG College of Technology has organized the 6th Voice of the start-up series on the topic “My story: Motivational session by successful entrepreneurs” on 07th January 2022. Mr. Vishnu Vardhan, Director, Crion Technologies was the resource person of the webinar.

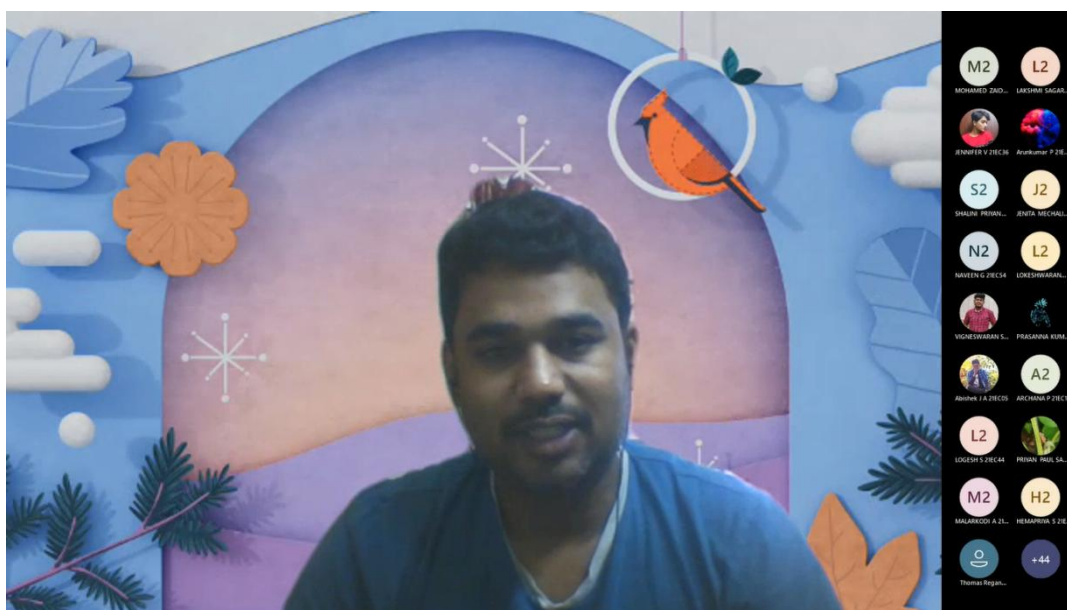


Firstly, Dr. R. Lakshmipathy, IIC Convenor welcomed the participants and briefed on the Voice of the start-up series webinars. Secondly, Dr.Vignesh Kumar, PDC Coordinator introduced the speaker to the participants. Thirdly, Mr. Vishnu Vardhan started the session by introducing about the company and his experience in the industry before who took up the entrepreneurship as his career opportunity. He discussed various aspects of launching a start-up from the scratch and building a strong team. He also highlighted Delta 4 model and drafting a business plan in a simplest way. Fourthly, students started interacting with Mr. Vishnu that turned the session to be highly interactive. Lastly, Dr. R. Lakshmipathy IIC Convenor delivered the vote of thanks. A total of 147 participants comprising of faculty and students across the disciplines attended the session and got benefited.

Problem Solving and Ideation Workshop

The Innovation and Entrepreneurship Development Centre of KCG College of Technology organized an interactive session on “Problem Solving and Ideation workshop” on 11th November 2021 for the first year students. Dr. R. Lakshmipathy, IIC Convener and Innovation Ambassador of KCG were the resource person of the session.

Firstly, Dr. R. Lakshmipathy welcomed the participants and briefed about the functions of IIC in bolstering the innovation and entrepreneurship activities. Later he started the session on various opportunities in innovation and entrepreneurship. Followed by that he explained the stages of innovation and how creativity can help in ideation. He highlighted the innovations that changed the world with examples. Later he spoke on the role of entrepreneurs in changing the society and their risk taking abilities. He discussed with few case studies on how entrepreneurs see a problem and assess it and solve it. Lastly, participants interacted and raised a few questions.



A total of 75 student participants across the disciplines attended the session and got benefited.

My story: Motivational session by successful innovators

Institutions Innovation Council (IIC) of KCG College of Technology in association with Aeroclubhas organized an interactive session on “My story: Motivational session by successful innovators” on 11th February 2022. Mr. Mohan Rishikesh, Founder and CEO, Vayuratha Pvt Ltd were the resource person of the session.

Firstly, Mr. Ashish C, Aeroclub coordinator introduced the speaker of the session to the participants. Secondly, Dr.Asad Ahmed Professor of Aeronautical department facilitated the gathering. Thirdly, Mr. Mohan started the session in an interactive way and he shared his experience in starting a startup and how he got motivated to get into entrepreneurship as his career opportunity. He also discussed the new regulations implemented by Govt. of India in drone manufacturing and UAV's and how it will benefit the community. He also demonstrated the products they manufacture to make it

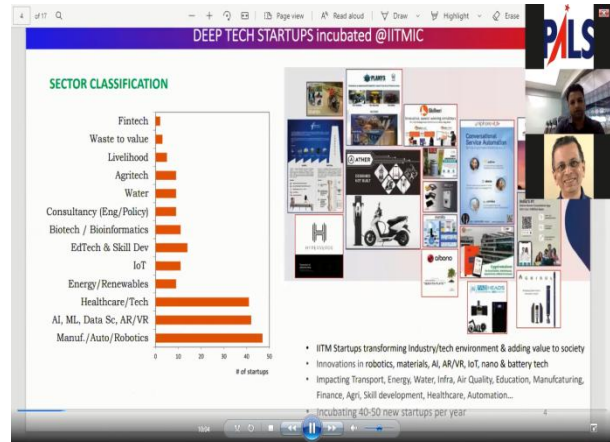
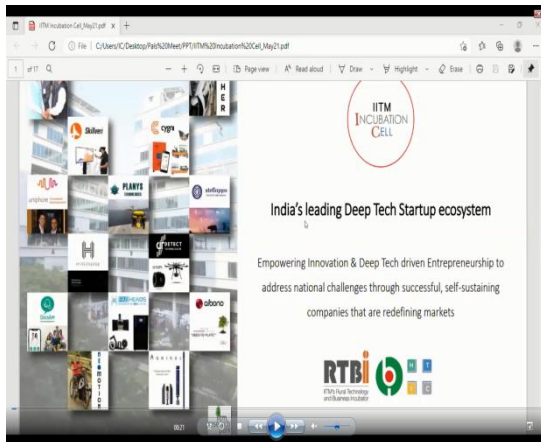


more enthralling. Lastly, students of the aeroclub interacted with the speaker and clarified their queries. A total of 42 participants comprising of faculty (3) and students (39) across the disciplines part of aeroclub attended the session and got benefited.

Visit to Incubation Centre

Institutions Innovation Council (IIC) of KCG College of Technology in association with IIT Madras PALS has organized an virtual visit to IIT Research park Incubation centre on 29th September 2021. This visit was arranged to create awareness on incubation and how incubators support start-ups at nascent stage.

Firstly, Dr. R. Krishnamurthy welcomed the participants with an introductory note.



Secondly, Mr. Pradeep of IITM Research park briefed on the activities of IITM Incubation cell and the number of start-ups housed in the incubation cell. He also highlighted the support systems extended by the incubation cell to start-ups. Thirdly, start-up founders housed in the IITM Incubation cell presented their products and played videos of their product developments to the participants. Lastly, students and faculty interacted with the start-ups and got motivated. A total of 168 participants attended the virtual visit and 31 students were from our institution.

Prototype validation and conversion to start-up

The Innovation and Entrepreneurship Development Centre of KCG College of Technology has organized the 5th Voice of the start-up series on the topic “Prototype Validation and Conversion to start-up” on 21st October 2021. Mr. Suresh kumar, Founder & CEO, Pepul and Co-Founder & CEO, McApp studio was the speaker of the session.

Mr. Chandramohan, Head Placement started the session with introduction of the speaker and welcomed the participants. Mr. Suresh Kumar started the session in regional language to make connections with the audience and kept the session very interactive and lively. Mr. Suresh shared his experience in starting a start-up company hailing from a rural background. He also disclosed the motivational factors that help in starting a start-up. He also deliberated on the financial management for start-ups and building a team. Dr. R. Lakshmipathy IIC Convenor delivered the vote of thanks. A total of 34 participants comprising of faculty and students across the disciplines attended the session and got benefited.



Mr. Suresh Kumar twitter handle

<https://twitter.com/hisureshg>

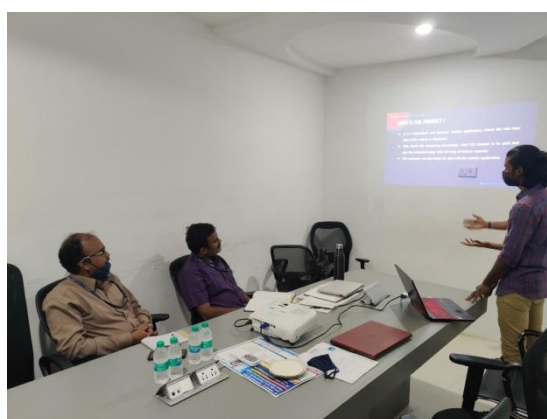
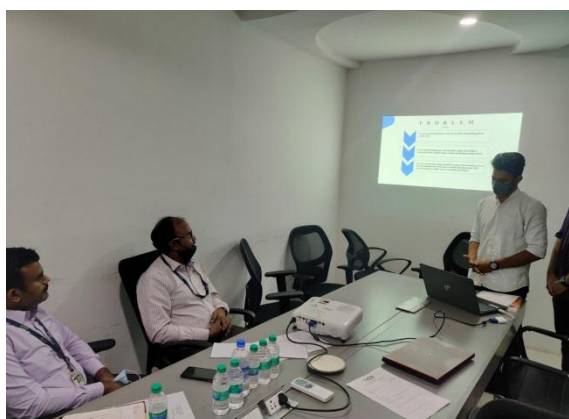
Pitching for financial support by start-ups

The Innovation and Entrepreneurship development centre of KCG College of Technology organised a pitching sessions for financial support for start-ups under Samriddhi scheme of AICTE on 25th and 26th October 2021. A total of 8 student teams participated in the pitching sessions and pitched for their idea and start-up. After a couple of rounds of pitching, two teams were shortlisted for financial support under the Samriddhi scheme.

Date: 25-10-2021

Venue: Oasis conference room

S.No	Project title	Team	Mentor	Date
1	IoT based System for Monitoring Energy Meter	R. Vijayalakshmi	Prof. K. Karthikeyan	25-10-2021
2	Development of smart and Multi-purpose vending cart for fruits and vegetables	K. Kathires	Dr.Vignesh Kumar	
3	Solar beach cleaner	Vinay Nagar	Dr. Vignesh Kumar	
4	Project Revolution (A Novel Dishwasher)	J. Ilakya	Dr. Vignesh Kumar	



Date: 26-10-2021

Venue: Oasis conference room

S.No	Project title	Team	Mentor	Date
1	Distributed Electric Vehicle Charging System Managed with Centralized Mobile Application Based Software	A Karthik	Mr. Vasanth Kumar	26-10-21
2	Math learning software for attention deficit hyperactivity disorder (ADHD) children	N. Sajitha	Dr. Dhanalakshmi	
3	Induction heating system by using permanent magnet.	Kokesh	Dr. Dillibabu	
4	Vayuradha Pvt Ltd	Mohan, Aero	Alumni	

Awareness of Intellectual Property Rights (IPR)

The Innovation and Entrepreneurship Development Centre and the IPR Cell of KCG College of Technology in association with Intellectual Property Office, Chennai has organised an Awareness session on Intellectual Property Rights in view of World IP Day under the National Intellectual Property Awareness Mission (NIPAM) initiative on 26th April 2022 at 11.30 AM to 1.00 PM in F14 Seminar Hall.

SPEAKER:

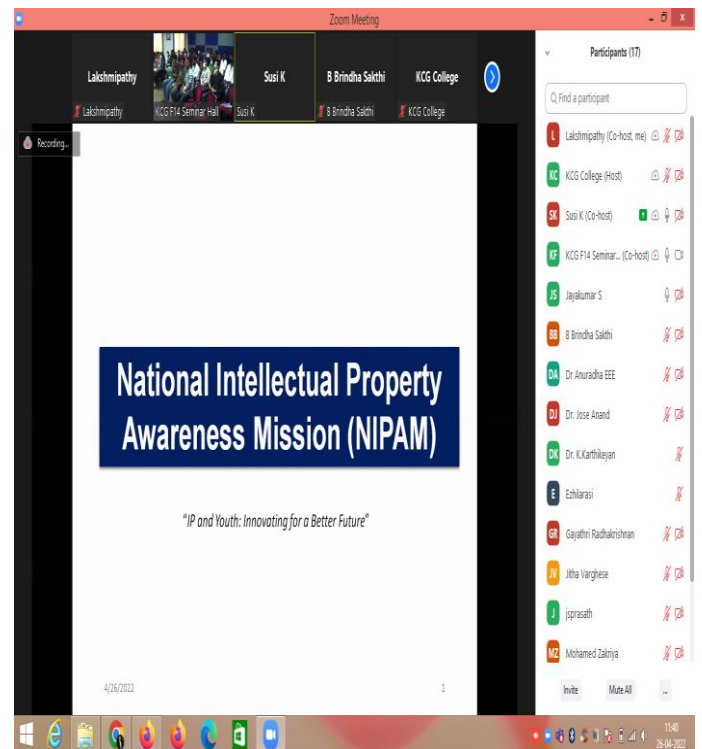
Mrs.Susi K

Examiner of Patents & Designs, Group A Gazetted
Indian Patent office, Chennai

DISCUSSION:

- There are about 87 participants were attended. Her presentation began with explaining 'What is the important of patent' & 'How do we apply patent?' & 'How novelty it is?.'
- She gave a brief introduction on IPR and explained the various related terms such as copyrights, patents, GI, Trademark & Design etc.
- The webinar created a great impact on the Students. Students were taught on how IPR restricts copying others ideas and how this will help the development of new ideas for the betterment of the society.
- Students learnt how IPR provides total licence over a new innovation and its creator. They were also given a platform to discuss how small innovations influence societies at large and how they should indulge in innovating and patenting ideas that will be useful for all the classes of individuals in the society
- Finally very good discussions are made to clarify many aspects regarding IPR related doubts by faculty and students.
- She gave an example of "michael jackson shoes patent" It gives even more interest towards patent for easy understanding.
- In short the webinar provided a valuable awareness of IPR.

Webinar Photos





Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

CERTIFICATE OF APPRECIATION

Presented to

KCG COLLEGE OF TECHNOLOGY

*In recognition of active participation in the **National Intellectual Property Awareness Mission (NIPAM)** launched by the Government of India on the occasion of the 75th anniversary of independence under the banner "Azadi Ka Amrit Mahotsav" to create widespread awareness on Intellectual Property Rights (IPR). The exceptional contribution in successfully organizing the awareness programme on **April 26, 2022** in association with **Intellectual Property Office, Chennai** by providing your valuable time and support is highly appreciated.*

Solicit your continued support for outreach of IPR far and wide.



(Prof. (Dr) Unnat P. Pandit)
CONTROLLER GENERAL OF
PATENTS, DESIGNS & TRADE MARKS

Date: April 27, 2022

National Pollution Control Day

Department of Civil Engineering in association with Institutions Innovation Council (IIC) celebrated the National Pollution Control Day on 2nd December 2021 by hosting an interactive session with Shri. Jatinder Singh Kamyotra, Director, Centre Pollution Control Board, New Delhi on the topic “Delhi’s Air Pollution Saga: the past, present and future”.

Firstly, Dr.Vandhana Devi, Head of the Civil Engineering department welcomed the gathering and briefed on the National Pollution Control day motive and current scenario of environmental pollution. Secondly, Ms. Bharathi Lakshmi, Principal of Hindustan



International School, Karapakkam welcomed the speaker of the day. Thirdly, Shri Jatinder Singh started the session on Air pollution and its sources and the influence of meteorology on air pollution. He took the participants through the demographic conditions of the cities and how demography plays a role in Delhi’s air pollution crisis during the winter. He mentioned the neighbouring countries cities air pollution and remedial measures initiated by the respective governments. He also highlighted how the Indian government is taking steps to manage the pollution levels in-country by implementing BS norms. Fourthly, faculty, students of KCG and Hindustan School raised several questions on air pollution and made the session more interactive and Shri. Jatinder Singh lucidly explained the queries or questions raised by the fervid students. Fifthly, a short film on environmental pollution made by students of civil engineering was played to create awareness of environmental pollution. Lastly, Dr. R. Lakshmiopathy, IIC Convenor, delivered the vote of thanks for the session. A total of 135 participants (37 online and 98 offline) comprising of students and faculty were present during the session and got benefited.

National Technology Day

Institutions Innovation Council (IIC) celebrated the National Technology Day on 11th May 2022 by hosting an Emeritus talk with Dr. A. Sivathanu Pillai, Honorary Professor – emeritus, HITS, Father of Brahmos, Padma Shri, Padma Bhushan and Order of Friendship Awardee on the topic “Technology for Strong and Self-Reliant India – The Role of Youth”.

Firstly, Dr. Uma Kumari, Assistant Professor, Department of Electronics and Communication welcomed the gathering and briefed on the National Technology day. Later she introduced the speaker to the audience and welcomed Dr. AS. Pillai. Secondly, Dr. A.S. Pillai started the session with credentials of ancient India and how India was leader to world in technology and knowledge. He then introduced various types of space technologies developed by Indian scientists and collaborative projects carried out with other developed nations. He also touched upon the space launchings of various Indian satellites and its success stories. Later he discussed about the nuclear fusion reactor testing in France and role of India in the billion dollar project. He also mentioned about mining Helium isotope from Moon. India will be sending its own rocket to moon with its astronauts in 2023. Defence and space sector has huge opportunities for technology



based innovations and youth should join the avenues and contribute to the country. It was wonderful and enthralling to listen to Dr. A.S. Pillai. Thirdly, students interacted with Dr. Pillai to clarify their questions and understandings. Lastly, Dr. R. Lakshmi pathy, IIC Convenor, delivered the vote of thanks for the session. A total of 347 participants comprising of students and faculty were present during the session.

Workshop on Patent Search and IP Management

The Innovation and Entrepreneurship Development Centre and the IPR Cell of KCG College of Technology has organised a Workshop on Patent Search and IP Management for the students on 13th May 2022 at F14 Seminar Hall.

SPEAKER:

Mrs.Brindha Sakthi

IPR Cell Coordinator and Innovation Ambassador

Firstly, Dr. Jose Anand, Innovation Ambassador and Innovation coordinator of IIC welcomed the participants. Secondly, Dr. R. Lakshmi pathy, IIC Convenor and Innovation Ambassador briefed on the importance of Intellectual Property and their role in fencing the technology. He also highlighted how a start-ups can develop and build their firm with IP and its management. Later he introduced the speaker of the workshop and welcomed to take over the session. Mrs. Brindha started the session introduction to IP and different forms of IP and the filing process. Later, she discussed how to carry out a



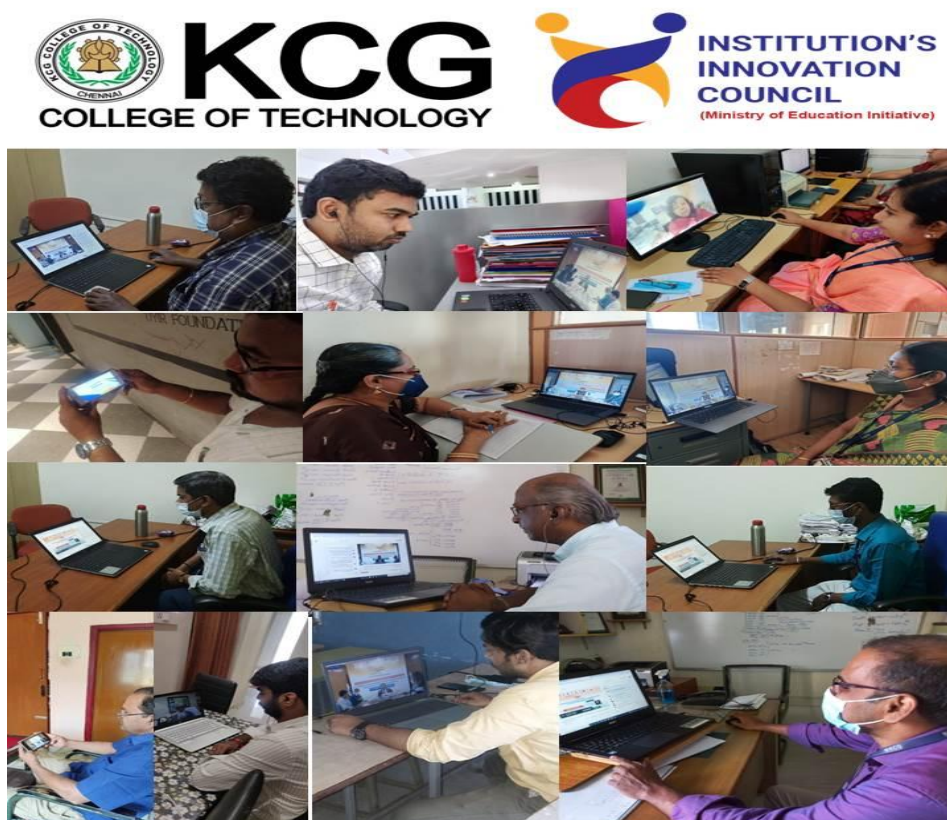
patent search and collect relevant information related to any idea. Students were exposed to various IP databases such as Indian IPO, USPTO, WIPO and Google patents. Students were asked to search for information with help of their mobile phones by giving them sample patent application and grant numbers. Students enthusiastically learnt how to carry out a patent search and retrieve the data. Lastly, Dr. R.

Lakshmi pathy delivered the concluding remarks of the workshop. A total of 28 students took part in the workshop.

E-symposium day-1

The Ministry of Education Innovation Cell (MIC) organised an e-symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions as part of Innovation week celebration from 10th to 16th January 2022. The inauguration session of the e-symposium was circulated as MIC activity.

The inauguration started with welcome address by the Prof. Anil Shahrabude, Chairman AICTE and followed by appreciation of Manthan hackathon winners. Shri. Sanjay Murthy, Secretary, Ministry of Education addressed the participants and later 75 technologies with startup potential were announced for funding and mentoring support from MIC. Shri Anurag Jain, Secretary, DPIIT addressed the participants and followed by that a presentation on Toy business league was done. Chief Guest Dr.RajkumarRanjan Singh, Honourable Minister of states addressed the participants of the session. The session came to an end with a vote of thanks by Dr.Abhay Jere CIO of MIC. Following the inaugural session, series of key note address and panel discussions were organised. A total of 22 faculty members and IIC members attended the inaugural session and got benefited.



E-symposium day-2

The Ministry of Education Innovation Cell (MIC) organised an e-symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions as part of Innovation week celebration from 10th to 16th January 2022. Day-2 Key note address by Prof. K. Vijayraghavan, PSA, Govt of India held on 12th January 2022 was announced as MIC driven activity.

Shri. Amit Dutta introduced the speaker Prof. Vijayraghavan to the participants and welcomed the speaker. Prof. Vijayraghavan started the session with the innovation and entrepreneurship ecosystem and how innovation and ideas can be sustain with the available resources. He also highlighted where we come from and how innovations can solve science and technology problems. Innovations in agriculture are very high due to training of people and this is very much essential in other R&D sectors. He also highlighted the research funding availability for 90% of students going to the institutions with 10 % research funding. He linked the vision of country related to highways and water with the talented people and innovation requirements. Lastly, questions from students were addressed by the Prof. Vijayraghavan. Followed the key note address, series of panel discussion were held. A total of 21 faculty members and IIC members attended the inaugural session and got benefited.



IIC 4.0 orientation session

The Ministry of Education Innovation Cell (MIC) organised an orientation session on IIC 4.0 on 24th January 2022. The session was hosted on Webex and telecasted on MIC YouTube channel. Mr. Dipan Sahu, Assistant Director was the speaker of the session.

Mr. Dipan started the session with the various activities and programmes of MICin promoting Innovation and Entrepreneurship in higher education institutions. He then discussed about the star ratings of IIC for the year 2020-21. Later, new programmes of MIC such as ATL schools mentoring, mentor-mentee, e-repository of sessions and refer institutions to establish IIC was elaborated and discussed. Followed by this, a series of Q&A sessions were planned for various regions with the regional coordinators. A total of 12 faculty members who are members of IIC attended the session.



Orientation session on Institutions Innovation Council 4.0 24th January 2022

