



**MUFFAKHAMJAH COLLEGE OF ENGINEERING AND
TECHNOLOGY**

Institutions' Innovative Council 3.0

***Prescribed Annual Calendar Activities
for IICs - 2020-21 (Academic Calendar)***

IIC Driven Activity

Entrepreneurship and Innovation as Career Opportunity

20/8/2020

To

24/8/2020

Speaker

Dr. Mohd. Abdul Muqet

Convener, MJ-IIC

To fulfill the mandate of MHRD, MJCET IIC is formed to focus on creating a complete ecosystem that will foster the culture of innovation from ideas generation to pre-incubation, incubation, and graduating from the incubator as successful start-ups. MJ-IIC is encouraging the students and faculty members to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures.

MJ-IIC is determined to conduct various innovation and entrepreneurship-related activities and to interact with entrepreneurs, investors, professionals and to create a mentor pool for student innovators.

Objective:

A workshop for students and faculties on the topic of Entrepreneurship and Innovation as Career Opportunity was organized by the MJCET-IIC, Muffakhm Jah College of Engineering and Technology, Hyderabad. Following points were discussed.

- How to convert an idea to prototype? This should highlight the process of innovation development
- Founding your own business or joining a start-up; not necessarily right after your studies but also later in your career after building relevant sector-specific know-how and network
- Start working in an established company as a business developer, project manager, management trainee, and management consultant or investment manager in a range of knowledge based sectors. Such sectors include ICT services, biotechnology, pharmaceuticals, and energy

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28/04/2020

More than 30 students and 15 faculty members have attended and got benefitted in online and offline mode.



M. J. Prasad
28/04/2020
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MIC Driven Activity

KAPILA: Kalam Program for IP Literacy and Awareness

15/10/2020 to 23/10/2020

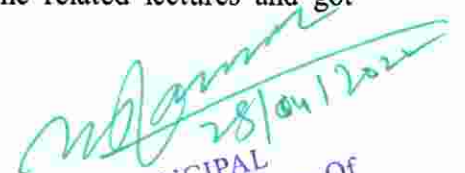
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Objective:



To overcome the current limitations in our innovation ecosystem especially in our HEIs, a systematic holistic effort 'KAPILA: Kalam Program for IP Literacy and Awareness' is proposed which will create appropriate awareness regarding the need of IP filing, mechanism and methodology involved in filing IP in India and globally, especially amongst students and faculty of higher education institutions.

More than 50 students and 100 faculty members have watched the related lectures and got benefitted.


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KAPILA ~ Kalam Program for IP Literacy and Awareness

IPR AWARENESS WEEK
MJCE, HYDERABAD (TS)
15th - 23th OCTOBER 2020

Central Level Organized by



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***Prescribed Annual Calendar Activities
for IICs – 2020-21 (Academic Calendar)***

Self Driven Activity Driven Activity Quarter- I

Inspire to Innovate

from

07/12/2020

to

11/12/2020

Speaker: Dr. Ravi Saripalle

Director, Center for Innovation and Innovation,

Gayatri Vidya Parishad College of Engineering,

Vishakhapatnam.

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Objective:

Institution Innovation Council, Muffakham Jah College of Engineering (MJ-IIC) has organized one Self conducting activity on Topic "Inspire to Innovate" for the faculty and students of MJCET.

The main objective of this activity to motivate the students and faculties to take up design thinking and innovation concept not only in study but also in their day to day routine life so that new ideas and designs can be flourished.

Designing think and innovation is considered as a main stream subject in engineering discipline. The innovative story of some young innovators was discussed and the students are motivated to take the topic of design thinking and innovation seriously in their curriculum or out of the box thinking to design and innovate new things.

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INSTITUTION'S
 INNOVATION
 COUNCIL
 Inspire to Innovate

Inspire to Innovate
 (Self Conducting Activity)

DR. RAVI SARIPALLE
 DIRECTOR,
 CENTER FOR INNOVATION AND INNOVATION,
 GAYATRI VIDYA PARISHAD COLLEGE OF
 ENGINEERING, VISHAKHAPATNAM.

07/12/2021 TO 11/12/2021

ORGANIZED BY INSTITUTION INNOVATION COUNCIL (IIC) MJCT




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Institutions' Innovative Council 3.0

***Prescribed Annual Calendar Activities
for IICs – 2020-21 (Academic Calendar)
Self Driven Activity Driven Activity
A Session on
Innovation and Design with
Insight into IoT***

from

19/01/2021

to

23/01/2021

***Speaker: Mr. N. Venkatesh
Sr. Director, Engineering, Silicon Labs***

To fulfill the mandate of MHRD, MJCET IIC is formed to focus on creating a complete ecosystem that will foster the culture of innovation from ideas generation to pre-incubation, incubation, and graduating from the incubator as successful start-ups. MJ-IIC is encouraging the students and faculty members to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures.

MJ-IIC is determined to conduct various innovation and entrepreneurship-related activities and to interact with entrepreneurs, investors, professionals and to create a mentor pool for student innovators.

Objective:

Institution Innovation Council, Muffakham Jah College of Engineering (MJ-IIC) has organized one Self conducting activity in terms of session on "Innovation and Design with Insight into IoT", conducted from 19/01/2021 to 23/01/2021 by Mr. N.Venkatesh, Sr. Director, Engineering, Silicon Labs.

The webinar session covered the following innovative topics related to IoT

1. Wireless technologies in the IoT
2. Edge Intelligence
3. Go to Market strategy for electronic products

There is a lot of impetus and need of innovation in the area of Internet of Things with scope of innovative design ideas and patents in this area. Mr. N. Venkatesh started the session with design examples of products launched in the market that are based on Internet of Things.

N. Venkatesh
28/01/2021
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The following schedule was followed:

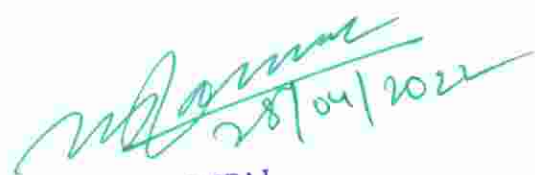
Day 1	Day 2	Day 3	Day 4	Day 5
Introduction to IoT Market products based on IoT	Wireless technologies in the IoT	Evolution from cloud to edge computing	Edge Intelligence	Go to Market strategy for electronic products

He discussed the fall detection device for elderly persons that are being promoted by a startup in Hyderabad. Mr. N. Venkatesh is the mentor of this startup through his association with TIE. He briefed about the opportunities for young engineers in the area of IoT and the support being extended by Telangana State Innovation Council (TSIC)

He then discussed the technical aspect of the emerging technology of Edge computing and how it is going to be a game changer by bringing the computing from cloud to the edge device. The physical challenges in this approach are the Power consumption of the device and how it can be mitigated was discussed.

Finally Mr. N. Venkatesh talked about the go to market strategy of electronic product and the challenges involved. He mentioned that the scalability of the electronic device and production in large numbers is key to profit in the industry. He also mentioned that there is a delay in the high end automotive market due to non-availability of electronic chips for the high end cars and that there is a huge demand for the right skill set. He encouraged the students to start early in their startup journey and not wait till third or final year. He stressed on the aspect of self-learning of concepts as advance topics like IoT will be taught in third year and till then it would be too late to think about launching your own product.

Finally, the event concluded with a vote of thanks by Dr. Mohammed Arifuddin Sohel, Professor and Head of ECED.


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*Session on: Innovation and Design
 Insight into Internet of Things (IoT)*

SPEAKER: MR. N. VENKATESH
SR. DIRECTOR, ENGINEERING ,
SILICON LABS

19/01/2021 TO 23/01/2021

ORGANIZED BY INSTITUTION INNOVATION COUNCIL (IIC) MJCET



N. Venkatesh
 28/04/2022
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MUFFAKHAMJAH COLLEGE OF ENGINEERING AND
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Institutions' Innovative Council 3.0

**Prescribed Annual Calendar Activities
for IICs - 2020-21 (Academic Calendar)**

IIC Driven Activity

Entrepreneurship Development Phases

from

25/01/2021

to

29/01/2021

Resource Person

Mr. Meraj Faheem,

CEO Code.in

To fulfill the mandate of MHRD, MJCET IIC is formed to focus on creating a complete ecosystem that will foster the culture of innovation from ideas generation to pre-incubation, incubation, and graduating from the incubator as successful start-ups. MJ-IIC is encouraging the students and faculty members to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures.

MJ-IIC is determined to conduct various innovation and entrepreneurship-related activities and to interact with entrepreneurs, investors, professionals and to create a mentor pool for student innovators.

Objective:

The schedule followed for the workshop is as follows:

Day 1	Day 2	Day 3	Day 4	Day 5
Various phases in the development of entrepreneurship	Elaborating phases of entrepreneurship such as Idea, decision, proof, growth, and long-term plan.	Elaboration of phases with respect to industry, approach and decisions	Entrepreneurship to promote research and knowledge creation	Social innovations and entrepreneurship

To promote design, innovation, and Entrepreneurship ecosystem in the Institute and to promote research and knowledge creation in this area, MJCET, Institutions Innovation Council (MJ-IIC) presents a Webinar for the students and faculty on the topic "Entrepreneurship Development Phases", from 25/01/2021 to 29/01/2021, through Google Meet Link. Mr. Meraj Faheem is the speaker. Meraj Faheem is a serial entrepreneur, who started

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first asa student entrepreneur. He founded India's first coding bootcamp - The Hacking School (acquired by iCollege Australia) & Code.in, founded India's first student focused startup incubator- EdVenture Park. Meraj is an Innovation Fellow with Govt. of Telangana.

The webinar for open for all the faculty and students of all branches and years. Registration was made free for even outside external students and faculty members.

Google Meet Link: <https://meet.google.com/uvm-hnef-zag>

More than 68 students and 5 faculty members have attended and got benefitted in online and offline mode.

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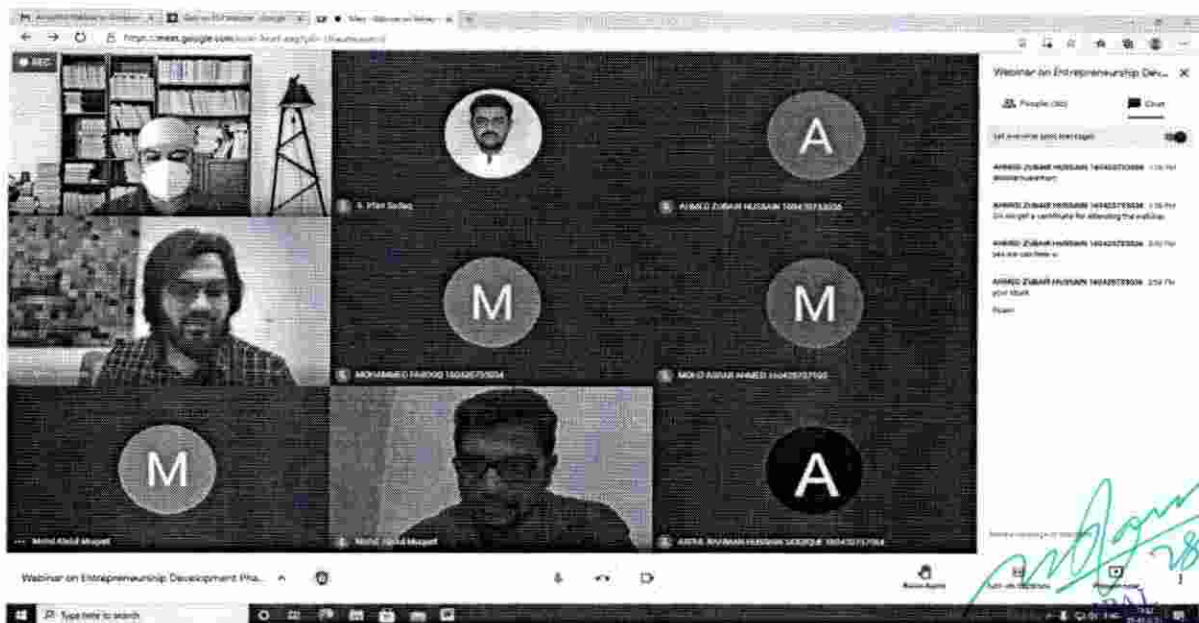
**WORKSHOP ON:
Entrepreneurship Development
Phases**

**SPEAKER:
MR. MERAJ FAHEEM, SERIAL ENTREPRENEUR
&
CEO CODE.IN AND HACKSHCOOL**

MJGET, HYDERABAD (TS)
25/01/2021 To 29/01/2021

ORGANIZED BY MJGET INSTITUTION INNOVATION COUNCIL (MJ-IIC)

INSTITUTION'S INNOVATION COUNCIL



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ABOUT MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-ul-uloom Education Society (SUES), which is formed by a group of visionaries and intellectuals from various walks of life. Today that tiny acorn has developed into a mighty oak. Today it is a premier institute, offering B.E Courses i.e., AIML, AIDS, Civil, ECE, CSE, IT, EEE, Mechanical and 5 M.E Courses (CAD/CAM, Structural Engineering, Digital systems, CSE & Power Electronics) of two years duration. The current intake of all the B.E. Courses is 780 in addition to the 102 students in the M.E. Programmes. Research Centres started in five departments i.e., Mechanical, ECE, EEE, CIVIL and CSE for Doctoral Studies.

In 2019, MJCET ranked 59th among India's Top Professional colleges as per OUTLOOK. MJCET ranked 23rd among All India Top 200 Best Private Engineering colleges as per INDIA TODAY. MJCET ranked 26th among South India Private Engg. colleges and 42nd among All India Private Engg. colleges as per THE WEEK. MJCET ranked 47th among all over India and ranked 5th in Telangana as per TIMES ENGINEERING INSTITUTE RANKING SURVEY 2019. MJCET is among the Top 5 Engg. colleges in Hyderabad and also tops the list among Minority Engg. Colleges in the State of Telangana.

VISION OF THE COLLEGE

To be a part of the universal human quest for development and progress by contributing high calibre, ethical and socially responsible engineers who meet the global challenge of building a modern society in harmony with nature.

MISSION OF THE COLLEGE

- To attain excellence in imparting technical education from the undergraduate to through doctoral levels by adopting coherent and judiciously coordinated curricular and co-curricular programs.
- To foster a partnership with industry and Governmental agencies through collaborative research and consultancy.
- To nurture and strengthen auxiliary soft skills for overall development and improved employability in a multicultural workspace.
- To develop scientific temper and spirit of enquiry in order to harness the innovative talents.
- To develop a constructive attitude in the students towards the task of nation-building and empower them to become future leaders.
- To nourish the entrepreneurial instincts of the students and hone their business acumen.
- To involve the student and faculty in solving local community problems through economical and sustainable solutions.

ONE WEEK ONLINE

WORKSHOP

On

RESEARCH METHODOLOGY AND IPR



Organized by



Principal
28/04/2024
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Muffakham Jah College of Engineering &
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Telangana, India

CHIEF PATRONS

Mr. Mohammed Waliullah, Chairman, SUES
Mr. Zafar Javeed, Honorary Secretary, SUES

PATRONS

Prof. Basheer Ahmed, Advisor & Director, MJCET
Prof. Mahipal Singh Rawat, Principal, MJCET

CHAIR PERSON

Prof. Ashfaque Jafari, Dean Academics, MJCET

COORDINATOR

Dr. (Mrs). Ishrat Meera Mirzana, Professor, MED

ORGANIZING COMMITTEE

Mr. Shaik Irfan Sadaq, Assistant Professor, MED
Mr. Md. Abdul Raheem Junaidi, Assistant
Professor, MED

Address for correspondence:

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Email: ishratmirzana@mjcet.ac.in
Contact Person: Dr. Ishrat Meera Mirzana
Contact No: 9014876704

REGISTRATION LINK:

<https://forms.gle/4sKpsTIXvrFhUs0h9>

Note: There is no registration fee. Registrations will be done on first come, first basis.

As, all sessions will be conducted on Google meet link platform. Hence, participants are limited to 100 only.

SCOPE OF THE PROGRAMME

The workshop provides a comprehensive understanding about importance of research, research methods and its methodology and its importance in self, organization and Nation building. The various aspects of research will be covered for providing complete guidance for the students, research scholars and faculty.

The program also provides awareness about Intellectual property rights, its importance in the light of research work and innovativeness. The program provides an awareness about what are the types of IPR, process of patent filing, prior art search importance, FER, how to draft a patent, patent grant process etc.

This workshop provides not only overview to research methodology and IPR but also provides a scope and ideas for IPR as the resource persons for the workshop are from Industry as well as academia. The scope of the workshop will be useful to all and from every walk of life, irrespective of their academic background.

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TOPICS TO BE COVERED

Some of the topics that will be covered in the workshop are overview about research, research methods, methodology, research problem solving techniques, data collection methods and its analysis etc., Introduction to IPR, types of IPR, Importance of prior art search, methods of patent search, patent drafting, process of patent filing, licensing etc.

The topics will be covered from the Industry as well as academia perspective of understanding.

RESOURCE PERSONS

Day 1: Dr. L. Ramesh, Dean, Research, Dr. M.G.R Educational and Research Institute (University), Chennai

Day 2 : Mr. Ashish Kumar, Asst. Manager at TCS, Founder of Everyday Innovators

Day 3: Mr. Ravi Talluri, Ravi Talluri, Strategic Management Consultant, RST Management Consultants

Day 4: Dr. Ishrat Meera Mirzana, Professor, MED, MJCET, Hyderabad

Day 5: Dr. Krishna Vedula, Dean Emeritus, University of Massachusetts Lowell, USA
Founder & Executive Director, Indo Universal Collaboration for Engineering Education (IUCEE)

Day 6: Dr. Syed Ferhatullah Hussainy, Dean Administration, MJCET.



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17/11/2020

To
The Advisor cum Director,
MJCET.

Sir,
Sub: Request to conduct online workshop on RM and IPR

I, Dr. Ishrat Meera Mirzana, Coordinator of R & D, MJCET request you to grant permission to conduct online workshop on "Research Methodology and IPR" from January 18th to January 23rd, 2021.

Thanks and regards,

Yours sincerely,

(Dr. Ishrat M Mirzana)

Dr. Ishrat Meera Mirzana
Professor, Research Engineering Department
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Banjara Hills, Hyderabad - 500034, India
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