Department of Electrical and Electronics Engineering Sir M Visvesvaraya Institute of Technology, Bengaluru

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Principal SIRMVIT Bengaluru

**Proper Channel** 

Respected Sir,

ECTRICAL & ELECTRON No. 076 Date : 19.07.001

19/07/2022

Subject: MOU Renewal of SirMVIT\_KSCST IP CELL-Reg.

With reference to the above subject, we like to bring to your Kind notice that SirMVIT\_KSCST IP CELL MOUJas to be renewed. The MOU between SirMVIT and KSCST was done on 14<sup>th</sup> July 2020 , for a time period of 2 years and the renewal is due for this month.

We have already initiated the process of renewal of MOU with KSCST and they have agreed for the renewal for 3 years of period. As MOU done earlier, MOU :- ... should be done on RS 100 (exclusive of Service charge) E Stamp.

In this regard kindly give permission to renew the MOU and sanction amount of Rs 200/- towards the E Stamp and bond sheets.

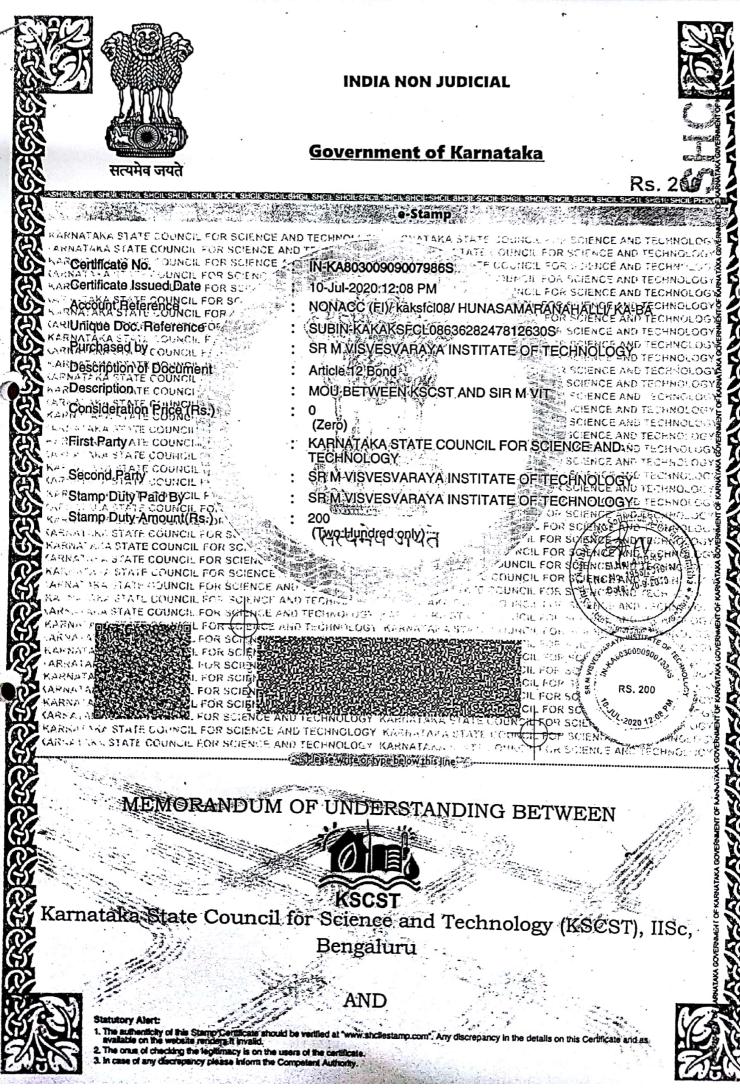
Looking forward for your kind approval and needful.

Regards

Dr. Makesh K Professor Dept of EEE SIRMVIT Bengaluru.

Forwarded for kind

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# Sir M. Visvesvaraya Institute of Technology, Bengaluru

## FOR COLLABORATION BETWEEN

# Karnataka State Council for Science and Technology (KSCST), IISc, BENGALURU

### AND

# Sir M. Visvesvaraya Institute of Technology, Bengaluru

Sir M Visvesvaraya Institute of Technology (Sir MVIT) is an Institute of repute in the state of Karnataka founded by Sri Krishnadevaraya Educational Trust (Sri KET) in 1986. The institute offers nine B.E. degree programs in Civil, Mechanical, Electrical & Electronics, Electronics & Communication, Computer Science & Engg., Industrial Engineering & Management, Telecommunication, Information Science and Bio Technology and four Masters Programs in Computer Applications, Business Administration, Computer Integrated Manufacturing and Electronics.

The Institute is affiliated to Visvesvaraya Technological University and approved by All India Council for Technical Education, New Delhi and is accredited by National Board of Accreditation, New Delhi. Sir MVIT is an ISO 9001;2008 Certified Institution. Department of Mechanical Engineering, Department of Electrical & Electronics Engineering, Department of Electronics & Communication Engineering and Department of Biotechnology are declared R&D centers by the university.

Sir MVIT is situated on a vast campus of 133 acres on the Bellary road near Air Force station, Yelahanka, close to Bengaluru International Airport (21 km from Bangalore city station). The institute has 2800 students & over 260 well-experienced faculty members, fully equipped labs (including project labs), seminar halls (For each department adequately equipped with multimedia facilities).

With well qualified and motivated faculty, state-of-art laboratory facilities, well-equipped library and high speed Internet browsing center with connectivity and almost 100% placement, it is no wonder that the institute

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has been ranked No. 1 among the engineering colleges in the State by the reputed magazine 'Dataquest'. All our departments spread over on 53.8 hectares of greenery and screnity, are well connected by optical fiber backbone network. The Institute has, on its campus, Men's & Women's hostels, 100 bed general hospital, Ladies amenities center, staff quarters, Guest house, Cafeteria, outdoor sports facility spread over 12.1 hectares and an indoor games complex. The Institute power requirements are met by a dedicated HT power connection from BESCOM and Captive Power generating units. The institute is connected to all the parts of the city by its own fleet of buses. All the students admitted to the institute are covered by insurance for life and medical care.

The college has a full-fledged training & placement cell headed by an officer with vast experience in HR / HRD matters. Top companies like WIPRO, ADITI TECHNOLOGIES, INFOSYS, COGNIZANT, HP, De-Shaw, TCS, CROMPTON GREAVES, TATA ELXSI, ACCENTURE, ROBERT BOSCH, ITC INFOTECH, HCL Technologies, L&T INFOTECH, CARITOR INDIA, BIRLASOFT, SASKEN, LG SOFT, SONATA SOFT, ACCORD SOFTWARE. HUGHES, CATER PILLAR, SATYAM, MINDTREE, IGATE, IFLEX etc have been conducting campus recruitment in the institute students on continuous basis. Every year around 35 to 40 top companies (including non-IT companies) visit the institute and 90 to 100% students are placed.

This institute is identified by All India Council for Technical Education as a c- Nance training center. Apart from the curricular activities, there are adequate facilities for sports / games, cultural activities.

The vision of Sir MVIT is to become an autonomous Institute and later to be a Deemed University of repute through concerted efforts of our management, faculty and students.

Karnataka State Council for Science and Technology (KSCST) was established in the year 1975. It is one of the first State S&T Councils to be set up in the country. KSCST is an autonomous S&T organization under Department of Science & Technology, Government of Karnataka.

During the last 44 years, KSCST has been pro-actively engaging itself to identify, propose and implement S&T based solutions to locale specific needs / problems in the broad areas of Water, Education, Energy, Ecology and Environment, Waste management and Infrastructure. In co-operation with the Indian Institute of Science and several other premier R&D institutions, KSCST executes many projects and programmes aimed at improving socio-economic conditions of the people of the state.

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Over the years, a number of technologies have been translated, from research and demonstration phase, to the implementation and operational phase. KSCST provides support to the Central and State Governments, in formulation of S&T based policies, scientific surveys, project implementation, evaluation, co-ordination & monitoring, organization of scientific meets and awareness campaigns. The Department of Science and Technology, Government of India advocated KSCST as a model to all the states.

The Principal, Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru and the Executive Secretary, Karnataka State Council for Science and Technology (KSCST), Bengaluru have arrived at the agreement for mutual co-operation and collaboration on matters of mutual interest. Hence, this Memorandum of Understanding (MOU).

The following are the terms of agreement:

1. For the purpose of this MOU Karnataka State Council for Science and Technology (KSCST), Bengaluru to provide the legal assistance in matters relating to Intellectual Property Rights on need basis as agreed upon. Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru shall provide the support in terms of Technical inputs for effective understanding of drafting of patents towards filing of them.

2. The PIC of KSCST would provide assistance for the activities related to:

a. Internships, Project (Science, Humanities and Commerce), setting up of an IPR Cell, training personnel on IPR etc.,

b. Any other areas of co-operation to be mutually agreed by the parities.

3. KSCST and Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru may in joint collaboration organize workshops training programme, conduct research activities, involve in publications of books and journals and offer academic course.

4. KSCST may depute qualified officers/ Individuals to sensitize and training the faculties, students and research bodies, in order to create an ecosystem that stimulates innovation and independent thinking to evolve innovative ideas for developing value added products, process or services.

5. The MOU between KSCST and Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru Shall be supplemented by detailed work plans to be developed jointly which describe more specially the activities to be carried out under this collaborative programme.

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6. As per needs, the Karnataka State Council for Science and Technology (KSCST) and the Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru may constitute a Joint Committee to work out the practical problems of collaborations between the two institutions to ensure proper and effective implementation of this MOU.

7. Such details agreed upon will be effective through exchange of letters by the Karnataka State Council for Science and Technology (KSCST) and Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru and such letters shall form part of this agreement.

SCOPE OF THE MOU:

**KSCST Roles and Responsibilities** 

• KSCST may provide technical assistance in securing the registration for IPR.

There shall be no financial responsibility from the side of the KSCST.

• KSCST may associate with Sir M Visvesvaraya Institute of Technology (Sir MVIT), in organizing programmes.

Sir M Visvesvaraya Institute of Technology (Sir MVIT),

Roles and Responsibilities

• Sir M Visvesvaraya Institute of Technology (Sir MVIT), may make available suitable conference rooms and amenities for IPR activities.

• Sir M Visvesvaraya Institute of Technology (Sir MVIT), students may be part of the programs organized in their venue.

This agreement shall be in effect initially for a period of 2 years from the date on which this MOU is signed by both the parties and may be renewed thereafter, if mutually agreed. Either party may terminate the agreement by written notification sent to the proper Officer of the institution. Such notice must be received by either Party within six months prior of the effective termination date.

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In witness where off the parties hereto caused this instrument to be executed as of the date, month and year indicated below.

On behalf of the Sir M Visvesvaraya Institute of Technology (Sir MVIT), Bengaluru

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On behalf of the Karnataka State Council for Science and Technology (KSCST), Bengaluru,

> Secretary, Karnataka State Council for Science and Transpoloare (KSDSIT)or Science and Bengelleav Indian Institut of Science Campus 20 - 560 012 Date:RENG! 020

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## 5 Day Faculty Development Programme on "Intellectual Property

## **Rights "and Inauguration of Sir MVIT - KSCST IP Cell**

Dates: 19<sup>th</sup>,20<sup>th</sup>, 21<sup>st</sup>, 22<sup>nd</sup> & 23<sup>rd</sup> October 2020

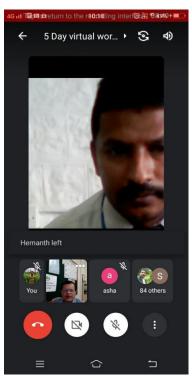
*Time: 10-00 am - 11.30 am* 

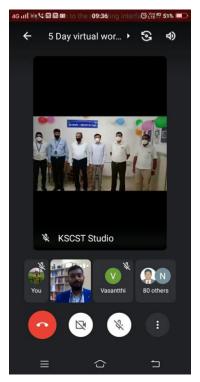
### **Summary of the Programme:**

Complied by - Dr.Mahesh.K, Professor, EEE dept, SirMVIT.

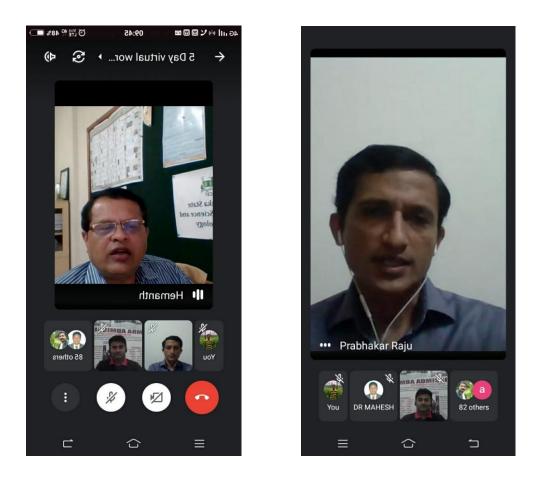
SirMVIT in association with KSCST and CIPAM has organized 5 day Faculty Development programme on Intellectual property Rights and also inaugurated SirMVIT-KSCST IP cell. The Inauguration of SIRMVIT- KSCST IP Cell and National Workshop on significance of IPR was held on 19<sup>th</sup> oct -23rd oct 2020 at SirMVIT. The workshop was organised with the motive of spreading the knowledge on the Intellectual Property Rights, its importance and protection and attended by over 120 participants from various educational institutions.

The day 1 workshop began with the invocation song by the students of EEE dept *Ms Pooja* and was followed by the Welcome Address by *Dr.Mahesh K*, professor, EEE dept and IP cell coordinator. He welcomed the Honorable Guests for the workshop and gave a brief introduction on the IPR. The Dignitaries and faculty of the SirMVIT, unfolded the virtual Inauguration of the SirMVIT-KSCST IP Cell, which was attended/ Inaugurated by *Sri K.Syama Raju*, Secretary, Sri Krishnadevaraya Education Trust, *Sri G. Prabhakar Raju*, Academic Chairman, SIRMVIT, *Dr V R Manjunath*, Principal, SIRMVIT, *Dr. H L Suresh*, HOD-Electrical, SIRMVIT, *Dr.Mahesh.K*, Coordinator, SirMVIT-KSCST IP Cell and other dignitaries from college were present.



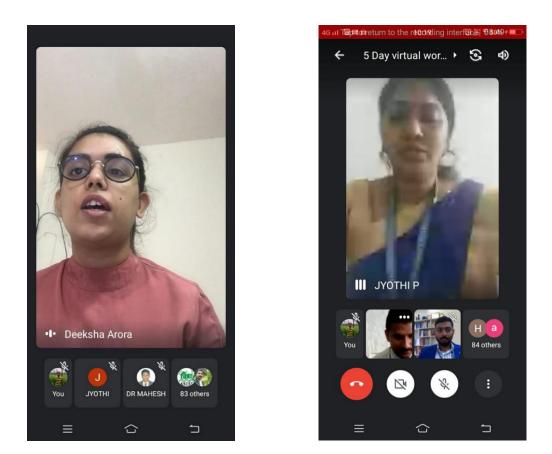


The opening remarks was presented by **Dr H L Suresh**, Prof and HOD of EEE dept, SirMVIT, He enlightened the participants by focusing on the importance of the IP cell in the institution and also explained the importance of the research. The next speaker was **MR**. **Hemant Kumar H.**, Chief Scientific Officer at Karnataka State Council for Science & Technology. He is currently investigating the Karnataka Natural Data Management (NRDMS). He inspired the audience by sharing his working experience in this field. He elaborated on the policies and technologies being followed by the KSCST. He concluded by sharing his aim to establish 100 IP cells. He also shared that he had been successful to establish 10 cells from 2015. After such an inspiring inauguration, The Academic Chairman of SirMVIT, **Sri G. Prabhakar Raju** congratulated the IP Cell Coordinator's and expressed his insights for such an auspicious day. He stressed on the point: "Every Policy has emphasis on Intellectual Property". He linked the other polices with the Intellectual property, explained the origin of the Intellectual Property Policy and stated its development over time. He concluded by giving suggestions for established the Intellectual Property policy for the IP Cell and gave advice for its smooth administration.



The final taught about this FDP was shared by *Ms Deekash arora*, Coordinator of CIPAM, who is a Legal Trainee in CIPAM at Ministry Of Commerce and Industries and with Cell for Intellectual Property Rights Promotion and Management (CIPAM) team. She started with the background of the IPR policy framed, its vision and mission statement, and its objectives. She elaborated the work of the CIPAM team and awareness programs. He explained the four major sectors such as awareness, enforcement, commercialisation and misc. She concluded with the phrase "Creative India, Innovative India". The last part of the Inauguration was vote o thanks by *Ms Jyothi P*, Asst prof, EEE dept, she thanked all the participants for join the program and thanked all the members of the Management, College,

KSCST and CIPAM for there support to establish the IP Cell.



The first day Technical session of the workshop was addressed by *Dr. Sarasija Padmanabhan*, who is currently an IP Analyst and Patent Agent, and is also working as an Associate Expert in a project with the World Intellectual Property Organisation (WIPO). Her main area of focus was a very interesting topic- Prior art. She first delved into the definition of prior art (any evidence that your invention is already known), and then went on to the objectives and importance of prior art search. She posed interesting questions to the audience and kept them entertained and well-informed by giving illustrative cases such as the "Donald Duck as prior art" case. After that, she applied the theoretical part practically through a series of videos that showcased exactly how to conduct the prior art search which was undoubtedly very useful to the audience.



Day 2 : The technical session was addressed by *Mr. B. Vivek Anand Sagar* who is a consultant and an IPR Attorney in Patent Information Centre, Karnataka State Council for

Science and Technology in IISC Campus, Bangalore. His presentation was full of life, and he did not shy away from having fun with the audience and lightening the mood by adding a few jokes in between. He combined all the points of the previous speakers before him and delivered his own view points in his own unique style. He broached the subject of Traditional Knowledge Digital Library which is an excellent tool to protect the ideas that have been part of the Indian culture since time immemorial. With the help of some fun Trademark Identification games, he engaged the audience fully and gave a fitting summary to all that had been spoken in the workshop.

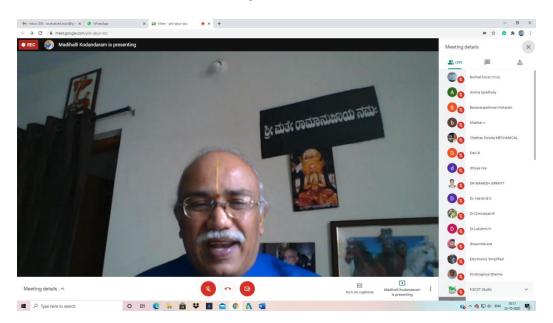


Day 3: The technical session was addressed by *Mr Nagarjun M G*, is currently working as project associate at Karnataka State Council for Science and Technology (KSCST), IISc campus Bengaluru. Now he has been assigned to coordinate the KSCST - Patent Information Centre (PIC) and Technology and Innovation Support Centre – TISC, WIPO. At PIC he follows up all the Information Education & Communication activities of PIC, IP filings, Establishment of IP Cells, Institutional Policymaking, and other projects and programmes of the Patent Information center.He spoke extensively on the area of patent commercialisation and the different options available to a person once their work is patented.



Day 4: The technical session was addressed by *Mr. M.G. Kodandaram*, IRS, who is an Assistant Director (Retd), Master Trainer of GST for CBIC, GOI and has contributed immensely to the field of training and capacity building. His speech was eloquent and heartfelt as he talked about the negative effects that widespread commercialization of patents has had on humanity. He spoke about how this kind of commercialization has led to the up liftment of individual interest rather than public interest and has propelled humankind to be more and more materialistic each day. Yet, he accepted the fact that this change is now inevitable and is a part of life, and therefore, encouraged everyone to inculcate ethical habits

especially in matters of intellectual property rights. Lastly, he cheered on the spirit of innovation, which is the need of the hour today.



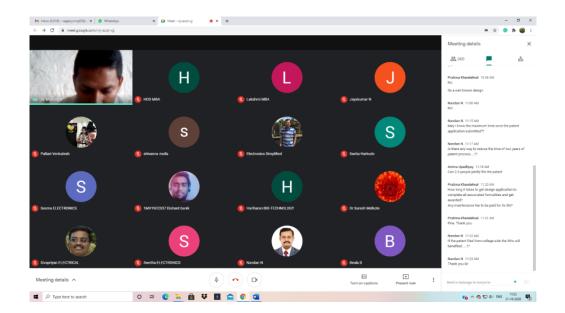
Day 5: The concluding speech of the 5 day FDP was delivered by *Dr. Sanjeeva Kumar Majumdar* is working as Manager in StartUp Activities & Intellectual Property Division of National Research Development Corporation, New Delhi, which is an enterprise of Department of Scientific & Industrial Research under the Ministry of Science & Technology, Government of India. NRDC was created with the mandate to promote and commercialize indigenously developed technologies emanating from various Research Institutes, Universities & Academic Institutions in the Country. He spoke on IP Commercialization& Licensing and Through his speech, he simplified the concepts in a way that was beneficial to the audience. His speech focused around understanding patents, filing and processing of patent application, types of patent applications, filing requirements, procedure and the fees required. Thus, he gave an overview of the entire process of patenting in a simple and profound way.

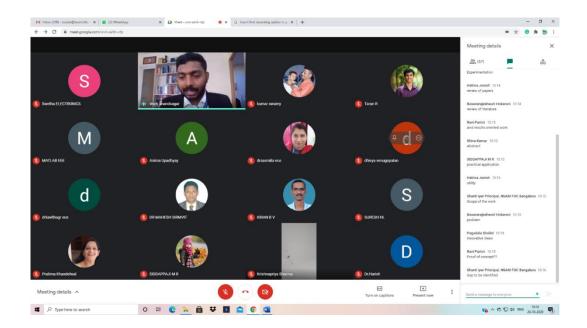


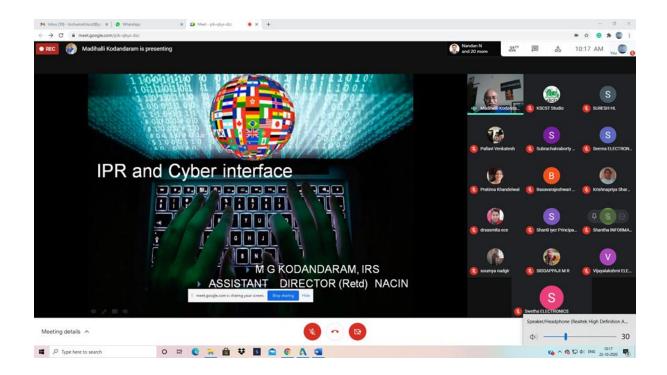
After the Concluding speech /Session of Dr. Sanjeeva Kumar, we had the quiz for all the participants, were in the quiz had 25 questions, 2 marks each with time limit of 30 minutes for total of 50 marks was conducted. At the end of the day 5, IP cell coordinator **Dr.Mahesh.K**, thanked all the participants for actively involving in all sessions of the 5 day FDP and also thanked the all the speakers for their valuable time and taught to share with all the participants and special thanks to KSCST and CIPAM Coordinator Mr Nagarjun and Deeksha arora for all the support provided for conducting this 5 day FDP on IPR and Thank our Principal and Heads of all the dept of SIRMIVT for their Guidance and encouragement and not forgetting our Management SriKET for providing Finical support for setting up the SIRMVIT-KSCST IP Cell and the 5 day FDP on IPR. The workshop then came to an end and needless to say, it had been a grand success.

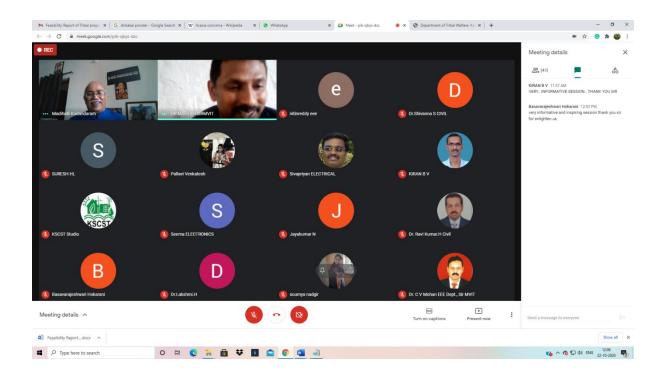
More glimpse of workshop :

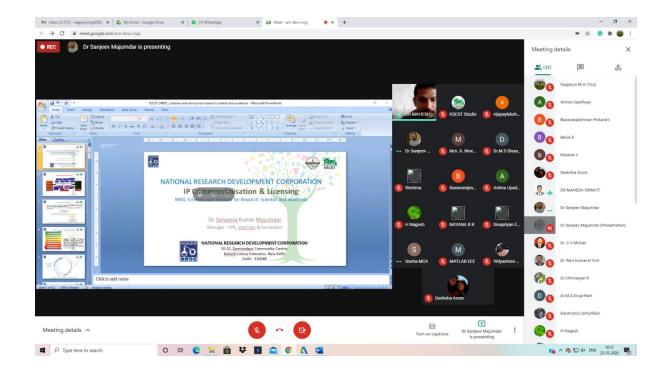


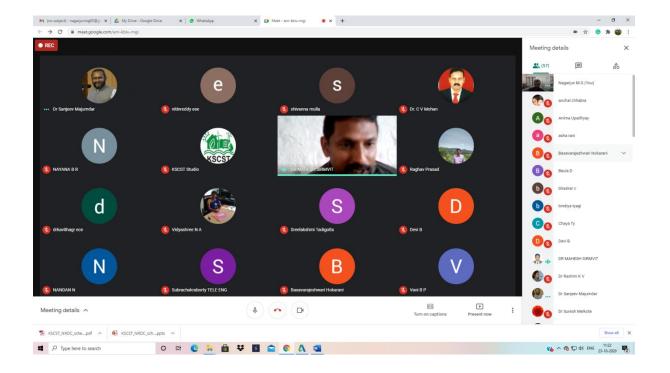












Sir.MVIT - KSCST& CIPAM 5 day FDP on IPR Quiz Link: <u>https://forms.gle/F9weWNcqFNJKW5nV8</u>

## Report on Intellectual Property Rights (IPR) and IP Management for Start-ups workshop

Presentation Topic: Overview on Intellectual Property Rights (IPR) and IP Management for Start-ups

#### **Resource Person: Dr. K. GOPALAKRISHNAN** Secretary General of University Space Engineering Consortium-India Founder and Convener, 75 Students' Satellites Consortium: Mission 2022!

Sir M Visvesvaraya Institute of Technology in association with Institutions Innovation Council, Sir MVIT – KSCST IP CELL and Department of Electrical and Electronics Engineering had organized an workshop on 16<sup>th</sup> July 17, 2021. The Objective of the workshop was to give a general introduction to the concept of Intellectual Property Rights and Their Role in Technology Transfer and Startups to students, Research scholar and faculty

Due to the deadly pandemic spread happening, the workshop was organized online. Dr. Mahesh.K, Professor, EEE dept. and Coordinator of SirMVIT- KSCST IP Cell, Introduced Dr. K. GOPALAKRISHNAN, Speaker, of the workshop to the participant and Highlighted the importance of such workshops. Dr. K. GOPALAKRISHNAN, started is session by giving a brief introduction of the intellectual Property Rights and is importance in Academics, Research and startups. He explained about various types of Intellectual property rights like Patents, Trade Marks, Design, Copy Rights and Geographical Indications. He spoke about the Indian patent and its office in our country and also explained the importance of holding patents in the other countries. He touched up Patent search, IP Filing, process of patent awarding and many more key points about IPR. At the end he instead that all the academic institution to support the talented students, research scholar and faculty to go for IPR and encourage Startups. He did not forget to thank SirMVIT, Management and Principal, for providing an opportunity to be speaker of this workshop. The last 15 minutes of the workshop, QA session was taken up and participants asked their questions and the speaker answered to them all.

Indeed, the workshop was lead to its objective and all the participants thank the speaker for the wonderful session.

The workshop had received 150+ registrations and over 100+ participated in the session.

We would like to thank Sri Krishnadevarya Trust, SirMVIT IIC, SirMVIT-KSCST IP CELL and Dept of EEE, for providing us an opportunity to organize this workshop.



