



CRITERION 3 Research, Innovations and Extension	3.3 Innovation Ecosystem
<i>3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years</i>	



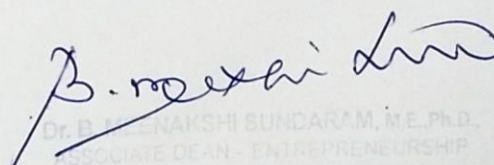


PROGRAM NUMBER	YEAR	NAME OF THE WORKSHOP/SEMINAR CONDUCTED	DATE [FROM – TO]
PGM 1	2020-2021	Webinar on Developing Innovative Ideas	3.12.2021
PGM 2	2020-2021	Skill Development course on "Joy of computing using python"	05.09.2020
PGM 3	2020-2021	How to publish research article in SCI Journal using info graphic tools	15.09.2020
PGM 4	2020-2021	Skill development course on ""Python for Beginners"	19.09.2020
PGM 5	2020-2021	Innovation in image and video processing	16.01.2021
PGM 6	2020-2021	The Future of Telecommunication-A Door Opener to 6G	24.06.2021
PGM 7	2020-2021	Face Mask Detection Analysis Using Data Science	11.08.2021
PGM 8	2020-2021	Importance of Prototype for New Product Development	6.05.2021
PGM 9	2020-2021	Webinar On Motivational Session by Successful Entrepreneur on the title of "Organic Waste Management"	14.12.2020
PGM 10	2020-2021	The future of Intellectual Property Rights	15.06.2021
PGM 11	2020-2021	“Orientation Program on Design Thinking and Innovation”	14/6/21
PGM 12	2020-2021	“Orientation Program on Future of Intellectual Property Rights”	15/6/21
PGM 13	2020-2021	Webinar on “ Success is a Process”	22-07-2020
PGM 14	2020-2021	Webinar on “ Tamilnadu Student Innovators Awareness Webinar 2020”	19-09-2020
PGM 15	2020-2021	Challenges in Start-up’s and Business	04.03.2021

REPORT OF THE EVENTS

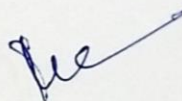
#PGM 1 Webinar on Developing Innovative Ideas

Department of Computer Science and Engineering, Institution's Innovation Council and Entrepreneurship Development Cell organized a guest lecture on the topic—"Developing Innovative Ideas" on 03/12/2021 at 11.30 AM to 1:00PM. **Dr.N.RAVIN (Managing Director and Founder of Ravins Tech and Goo Private Ltd)** is the respected speaker for the above topic. We are really pleased to have a speaker like him. After felicitation & introduction of Dr.N.RAVIN, we started the session. Dr.N.RAVIN is our eminent alumni. He gave an introduction about innovation. During his lecture he specially focused on Government schemes available to become an entrepreneur. He gave an insight into the areas where innovations have been made. During lecture he specially focused on the emerging areas where innovations can be made and collected some innovative ideas from the students. He explained in detail about the challenges he came across to become an entrepreneur. Dr.N.RAVIN gave good direction to all the students about how to think in a different way for these all psychological problems.


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#PGM 2 Skill Development course on "Joy of computing using python"

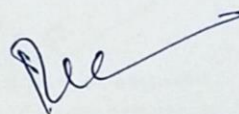
Sethu Institute of Technology, Department of Electronics and Communication Engineering organised a webinar titled Skill Development webinar on "Joy of computing using Python" on 5th September 2020. Dr.M.SheikDawood, Professor, Department of Electronics and Communication Engineering, Sethu Institute of Technology organized a lecture on Python. **Ms.S.ShenbagaVadivu, Assistant Professor of SRM Valliammai college of Engineering, Chennai** delivered a lecture. The enormous response was well recognized through the registration of around 110 Undergraduate student participants from various departments of Sethu Institute of Technology. Her lecture covered the basics of Python programming with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. She explained innovation and critical thinking with the help of his personal experience and case studies. It was an interactive session where students asked their doubts.



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#PGM 3 How to publish research article in SCI Journal using infographic tools

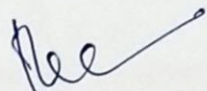
Sethu Institute of Technology, Department of Electronics and Communication Engineering organised a webinar titled "How to publish research articles in SCI journals" on 15th September 2020. Dr.M.SheikDawood, Professor, Department of Electronics and Communication Engineering, Sethu Institute of Technology organized. **Dr.N.R Shankar Academic writer and Patent drafter** has delivered a lecture on How to publish research articles in SCI journals. The enormous response was well recognized through the registration of around 100 undergraduate student participants from various departments of Sethu Institute of Technology. His lecture covered the basics of property rights, patents, and procedure to get patent rights. He also explained the difference between copyrights and patents with the help of his personal experience and case studies. It was an interactive session where students asked their doubts. Research papers are often based on copious amounts of data that can be summarized and easily read through tables and graphs. When writing a research paper.



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#PGM 4 Skill development course on "Python for Beginners"

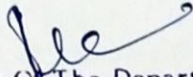
Sethu Institute of Technology, Department of Electronics and Communication Engineering organised a webinar titled "Python for Beginners" on 19th September 2020. Dr.R.karthick ,Asst.Prof (Sr.Gr), Professor, Department of Electronics and Communication Engineering, Sethu Institute of Technology organized. **Mr.M.Praveen Kumar, Ambassador, MHRD has delivered a lecture on Python for beginners.** The enormous response was well recognized through the registration of around 100 undergraduate student participants from various departments of Sethu Institute of Technology. His lecture covered the basics of Python programming with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art.Python has made people feel more comfortable about exposing programming to a much broader audience of students. He says Python may be fashionable right now, but he believes it lacks staying power.



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#PGM 5 Innovation in image and video processing

Sethu Institute of Technology, Department of Electronics and Communication Engineering organised a webinar titled "Innovations in Video and Image Processing " on 16th January 2021. Dr.R.Tamilselvi, Professor, Department of Electronics and Communication Engineering, Sethu Institute of Technology organized. **Dr.A.Sasithara Devi, Assistant Professor, Vellore Institute of Technology, Chennai** has delivered a lecture on video and image processing. The enormous response was well recognized through the registration of around 100 under graduate student participants from various departments of Sethu Institute of Technology. Her lecture covered on the basics of Video and Image Processing. She explained about the categories and the group of methods used for compressing video and image data. Image Manipulation.. It was an interactive session where students asked their doubts.


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#PGM 6 The Future of Telecommunication-A Door Opener to 6G


Sethu Institute of Technology, Department of Electronics and Communication Engineering organised a webinar titled "The Future of Telecommunication-A Door Opener to 6G" on 24th June 2021. Dr.M.SheikDawood, Professor, Department of Electronics and Communication Engineering, Sethu Institute of Technology organized. **Ms.S.Meenakshi, Project Manager, NOKIA** has delivered a lecture on Telecommunication. The enormous response was well recognized through the registration of around 100 under graduate student participants from various departments of Sethu Institute of Technology. Her lecture covered the basics of Next generation wireless networks and small cells. She explained innovation in 5G optimization and critical functioning of network elements with the help of her personal experience and case studies. It was an interactive session where students asked their doubts.



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#PGM 7 Face Mask Detection Analysis Using Data Science


The Department of Computer Science and Engineering in association with CSI Students Chapter has organized a Webinar on “Face Mask Detection and Analysis Using Data Science” on 11.08.21. Head of the Department, Dr.N. Balaji welcomed the gathering and honored the resource person Mr. Sushil Soni, Product Manager – Livewire India, Jaipur. He delivered the guest lecture to the students about Face Mask Detection and Analysis Using Data Science is being incorporated in all the area and its emergence. All the students interacted with the resource person and gained knowledge that topic. A very good feedback was given by the students over the webinar and suggested to arrange more programs, like this in the future. About 72 students from third year have attended the technical seminar and benefitted. Finally Dr. B. Guruprakash, Asst Professor (SG) delivered the vote of thanks and concluded the function.



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#PGM 8 Importance of Prototype for New Product Development

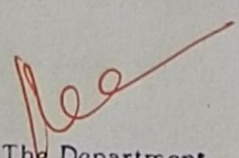
In Sethu Institute of Technology, Kariapatti, Institution's Innovation Council (IIC) and Department of Mechanical Engineering are jointly organized a webinar on "Importance of Prototype for New Product Development" on May 6, 2021. Dr. G. D. Sivakumar, Dean/Mech., welcomed the members present in the webinar. Chief Guest is introduced by Mr. S. Paramasamy, Associate Prof./Mech. Dr. A. Senthilkumar, Principal, delivered the felicitation address. Dr. C. Muthusamy, HoD/Mech. and Dr. K. Vinayagar, IIC-Ambassador delivered the special address. Dr. G. Nagaraj, Associate Prof./Mech. proposed the vote of thanks. The guest Dr. S. Siva, Assistant Professor, Department of Mechanical Engineering, Indian Institute of Technology – Jammu delivered the keynote address in "Importance of Prototype for New Product Development" to the gathered delegates. More than 100 delegates including U.G, P.G students, faculty members and research scholars from all the discipline participated and they were highly benefited. The faculty members of Mechanical Engineering Department made all arrangements for this webinar.



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#PGM 9 Webinar on Motivational Session by Successful Entrepreneur on the title of "Organic Waste Management"

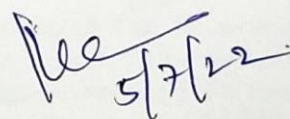
Sethu Institute of Technology and Institution's Innovation Council (IIC) jointly organizing Webinar on "Organic Waste Management" on 16th December 2020. Mr. Tamil ManianNagalingam, Managing Director, Kuppaikaaran Waste Management Pvt Ltd., Chennai, Tamilnadu, gave a speech about various types of waste management, opportunities and their importance for future generation. The enormous response was well recognized through the registration of around 75 under graduate student participants from various departments of Sethu Institute of Technology. His lecture covered the waste management techniques, Biogas Production, organic waste composting machine and their social impact on the human society. It was an interactive session where students asked their doubts.



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#PGM 10 The future of Intellectual Property Rights

Sethu Institute of Technology, Institution's Innovation Council (IIC) & Department of Chemical Engineering jointly organised "Seminar on Future of Intellectual Property Rights" on 15th June 2021. Dr.E.Maheswaran, IIC AMBASSADOR, Assistant Professor (Sr.Grade), Department of Biomedical Engineering, Sethu Institute of Technology delivered a lecture on "Future of Intellectual Property Rights". The enormous response was well recognized through the registration of around 75 undergraduate student participants from various departments of Sethu Institute of Technology. His lecture covered the future aspects of Intellectual Property Rights, Patents and also importance of IPR. He also explained about innovation, trademarks and how to protect and market their ideas with the help of his personal experience. It was an interactive session where students asked their doubts.



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#PGM11 “Orientation Program on Design Thinking and Innovation”

Sethu Institute of Technology, Institution's Innovation Council (IIC) & Department of Science & Humanities jointly organised an “Orientation Program on Design Thinking and Innovation” on 14th June 2021. Dr. K.VINAYAGAR, IIC AMBASSADOR, ASSOCIATE Professor, Department of Mechanical Engineering, Sethu Institute of Technology delivered a lecture on Design Thinking and Innovation . The enormous response was well recognized through the registration of around 110 undergraduate student participants from various departments of Sethu Institute of Technology. His lecture covered the basics of design thinking, difference between invention and innovation, critical thinking. He explained innovation and critical thinking with the help of his personal experience and case studies. It was an interactive session where students asked their doubts.



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#PGM 12 Orientation Program on Future of Intellectual Property Rights


Sethu Institute of Technology, Institution's Innovation Council (IIC) & Department of Science & Humanities jointly organised an "Orientation Program on Future of Intellectual Property Rights" on 15th June 2021. **Dr.MaheswaranEswaran, IIC Ambassador, Assistant Professor, Department of Biomedical Engineering, Sethu Institute of Technology** delivered a lecture on Design Thinking and Innovation. The enormous response was well recognized through the registration of around 100 undergraduate student participants from various departments of Sethu Institute of Technology. His lecture covered the basics of property rights, patents, and procedure to get patent rights. He also explained the difference between copyrights and patents with the help of his personal experience and case studies. It was an interactive session where students asked their doubts.



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#PGM 13 Webinar on “Success is a Process”


Sethu Institute of Technology and ENTREPRENEURSHIP DEVELOPMENT CELL(EDC) jointly organized an online webinar on “Success is a Process”, on 22 July 2020. Mr.R.Cholavandhan Srinivasan, Managing director, Heraclitus Management services Pvt Ltd gave a speech on success is a process. The enormous response was well recognized through the registration of around 120 under graduate student participants from various departments of Sethu Institute of Technology. It was an interactive session where students asked their doubts.



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#PGM 14 Webinar on “Tamilnadu Student Innovators Awareness Webinar 2020”


Sethu Institute of Technology and ENTREPRENEURSHIP DEVELOPMENT CELL (EDC) jointly organized an online webinar on “Tamilnadu students Innovators Awareness”, on 19 sep 2020. Mr.R.Ramachandran, Field Coordinator-EDII hub, Madurai Kamaraj University gave an awareness for students about to innovate the ideas and do the startups. The enormous response was well recognized through the registration of around 250 under graduate student participants from various departments of Sethu Institute of Technology. It was an interactive session where students asked their doubts.



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#PGM 15 Challenges in Start-ups and Business

Sethu Institute of Technology and ENTREPRENEURSHIP DEVELOPMENT CELL(EDC) jointly organized a Guest lecture on “Challenges in startups and Business”, on 04 March 2021. Mr.R.Narasimha Iyengar, Cooperate Trainer and Consultant, Coimbatore gave a speech on challenges involved in startups. The enormous response was well recognized through the registration of around 250 under graduate student participants from various departments of Sethu Institute of Technology. It was an interactive session where students asked their doubts.



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