



**Report on
Webinar on Research Methodology**

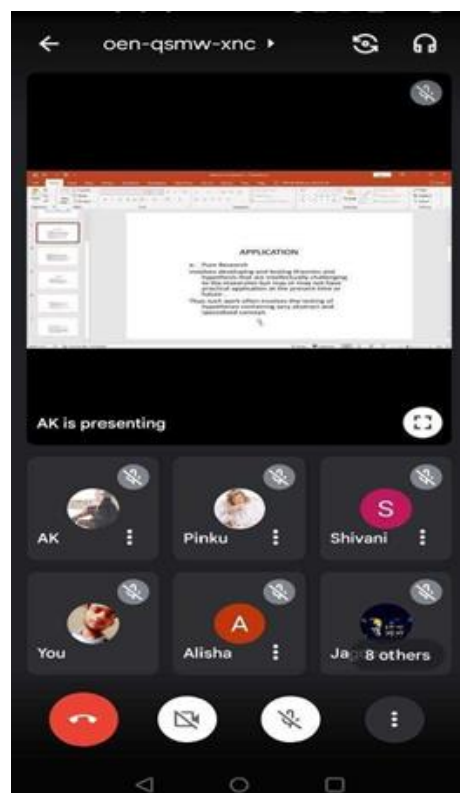
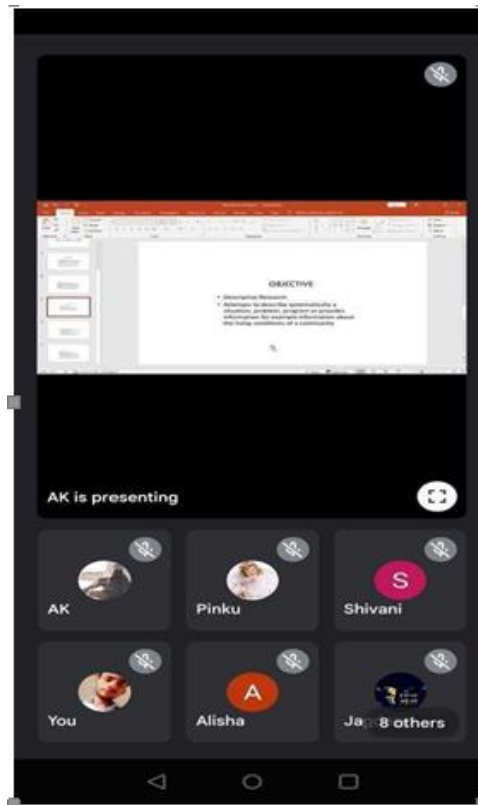
Date: 07-04-2022

Total Number of Participants:14

Name of Resource Persons: Er. Bignonjot Kaur, Ph.D.Scholar, Panjab University, Chandigarh.

Webinar on the topic "Research Methodology " was organized by the Department of Computer Science and Engineering, Baba Farid College of Engineering and Technology, Bathinda. Er. Bignonjot Kaur, Ph.D. Scholar, Punjab University, Chandigarh was the resource person.

Resource person discussed with the audience about the various research tools. She also enlightened the faculty members how these reference research tools can help the researchers to speed up their writing activities. She emphasized literature review as one of the important steps for doing research in any field. Finally, she took up some case studies to make participants aware of what to keep in mind before using the research methods. Participants asked a few questions from the expert. The session was quite useful, students showed great interest.



Glimpses of Webinar on Research Methodology



**Report on
Impact Lecture on the Innovation and Patents**

Date: 29-03-2022

No. Of Participants: 48

Resource Person- Ms. Neha Goyal, Director-Patents, UniPatrde Consultants LLP, Noida

Baba Farid College of Engineering and Technology in collaboration with the Baba Farid School of Entrepreneurship has successfully organized an online Impact Lecture on Innovation and Patents. Dr. Manish Gupta, welcomed the speaker, faculty members, and participants and gave a brief introduction to Ms. Neha Goyal. He shared that Ms. Neha Goyal has extensive experience specifically within the IP domain and has worked with leading multi-national and regional corporations on patent strategy, business development, patent infringement, prior art searches, patent litigation, and enforcement support services.

Ms. Neha Goyal started her talk by introducing intellectual property and patent filing. She explained the necessity of intellectual property rights and why an engineer needs to understand them. She told the participants that IPR is a method of acknowledgment of the hard work of individuals. She then discussed the various IP rights including patents, copyrights, industrial designs, trademarks, geographical indications, and layout designs. For each type of IP rights, she explained what is being protected by taking suitable examples and also informed the participants about the tenure for each type of right. Then she briefly discussed copyrights. She further elaborated about the patents and helped participants to understand what can be patented and highlighted the fact that the patent filed should not attract sections 3 and 4 of the Patent act 1970.

She explained the procedure of patent filing and the documents required for the same and also the cost involved in filing a patent. Finally, she took up some case studies to make participants aware of what to keep in mind before filing a patent. Participants asked a few questions from the expert. One participant asked whether one can file a patent for a material and if one needs to file a patent first or write a research paper. Finally, the session ended with the vote of thanks by Dr. Manish Gupta, who was the session coordinator. Forty-Eight participants (45 students and 3 faculty members) attended the session.



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Poster of the Online Impact Lecture on the Innovation and Patents



Glimpse of the Online Impact Lecture on the Innovation and Patents



**Report on
Entrepreneurship Awareness Camp (2021-2022)**

Date: 07-12-2021 - 10-12-2021

Total Number of Participants: 79

Name of Resource Persons: Dr. Manish Bansal, Dean Management, MIMIT, Malout.
Mr. Prithvi Bhandari, CEO, Bhandari Engineering, Bathinda.

Baba Farid College of Engineering and Technology has successfully organized an Entrepreneurship Awareness Camp. The program started with lamp-lighting and Saraswati Vandana. This was followed by a welcome address by Dr. Jyoti Bansal, Principal, BFCET. The program was aimed at creating awareness about Entrepreneurship. After the inauguration of the event, the need for entrepreneurship was explained by Dr. Manish Gupta. Two technical sessions were delivered by Dr. Manish Bansal, Dean Management, MIMIT, Malout. On the next day, the participating students were taken on an industrial visit at the industrial focal point Bathinda.

On the last day, the event started with the lecture of the Coordinator of the program, Er. Kovid Sharma, Assistant Professor, BFCET on “how to write the report of a project”. He explained the effective method of project writing through various examples of good reports of projects. During the next session CEO, Bhandari Engineering Mr. Prithvi Bhandari, talked about “Entrepreneurial Qualities”. He explained in depth each of the qualities with appropriate examples and the importance of the same for fulfilling the objective of starting the startup. The next session for this day was taken by Dr. Manish Bansal, Dean of Management, MIMIT, Malout, on marketing techniques. He told the importance of marketing first and then described various effective marketing techniques. The students’ feedback was also taken by the coordinator about the program. At the end of the event, a valedictory function was conducted followed by tea and snacks.



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Glimpses of Entrepreneurship Awareness Camp (2021-2022)



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Ref. No. - *BFCET/PA/ON/2021/351A*

Dated: 03.12.2021

CIRCULAR

Entrepreneurship Awareness Camp (2021-2022)

This is to inform you all that Baba Farid College of Engineering and Technology is conducting an Entrepreneurship Awareness Camp. Students and Faculty members of any department can attend the Camp by getting their name registered with Ms. Babaljeet Kaur.

The details of the program are as follows:

- Date : 07.12.2021 to 10.12.2021
Timing : 9:30 AM to 4:00PM
Venue : Seminar Hall, H-Block, Baba Farid School, BFCI
Speakers : Dr. Manish Bansal, Dean Management, MIMIT, Malout.
Mr. Prithvi Bhandari CEO, Bhandari Engineering, Bathinda.

Principal
Principal,
BFCET, Bathinda



**Report on
Webinar on Network Marketing & Entrepreneurship**

Date: 09-11-2021

Total Number of Participants: 24

Name of Resource Persons: Er. Jaskirat Singh (ZTC, Zonal Team Coordinator, MI Lifestyle),
Mumbai

A Webinar on the topic "Network Marketing & Entrepreneurship" was organized by the Department of Electrical Engineering, Mind Optimizers ISTE Club, Baba Farid College of Engineering and Technology. Students from BTech EE participated in this webinar. Er. Jaskirat Singh (ZTC, Zonal Team Coordinator, MI Lifestyle) was the expert speaker. Er. Jaskirat Singh addressed the students about the meaning of Entrepreneurship and how to start an entrepreneurship venture. Er. Jaskirat Singh also explained the importance of innovation and technology in entrepreneurship. Er. Jaskirat Singh discussed network marketing as a business model that depends on person-to-person sales by independent representatives, often working from home. A network marketing business may require you to build a network of business partners or sales people to assist with lead generation and closing sales. Expert encouraged the students to start entrepreneurship in the domain of many new Technologies such as electric vehicles, 3-D printers, Nanotechnology, AI and ML etc. Session ended with the questionnaire rounds by the students.



BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY
Department of Electrical Engineering
Mind Optimizers ISTE CLUB

Organises
WEBINAR
on
NETWORK MARKETING AND ENTREPRENEURSHIP

Date : 9th November, 2021



Time : 10:30 AM

Mr. Jaskirat Singh
ZTC (Zonal Team Coordinator)
MI Lifestyle (6 years experience)
Qualification: B.Tech (CSE)

Online Platform  Microsoft Teams

For more information : 95011-15508

BABA FARID GROUP OF INSTITUTIONS
Bathinda, Punjab (India)

Poster of Webinar on Network Marketing & Entrepreneurship



Glimpse of Webinar on Network Marketing & Entrepreneurship



**Report on
Webinar on Startup Valuation**

Date: 07-11 2021

Total Number of Participants: 17

Name of Resource Person: Mr. Ashutosh Burnwal, Founder of Buddy4Study, Noida

Department of Computer Science, Baba Farid College of Engineering and Technology organized the webinar on Startup Valuation. The resource person on this day was Mr. Ashutosh Burnwal, Founder of Buddy4Study. Buddy4Study is a Startup in the sector of education and India's largest scholarship listing portal, which helped more than 1 million students by connecting the right scholarships with the right students. Since 2011, Buddy4Study has been endeavoring to bridge the gap between scholarship providers and scholarship seekers. It is the only platform in the country that allows both seekers and scholarship providers to access scholarship information across the globe.

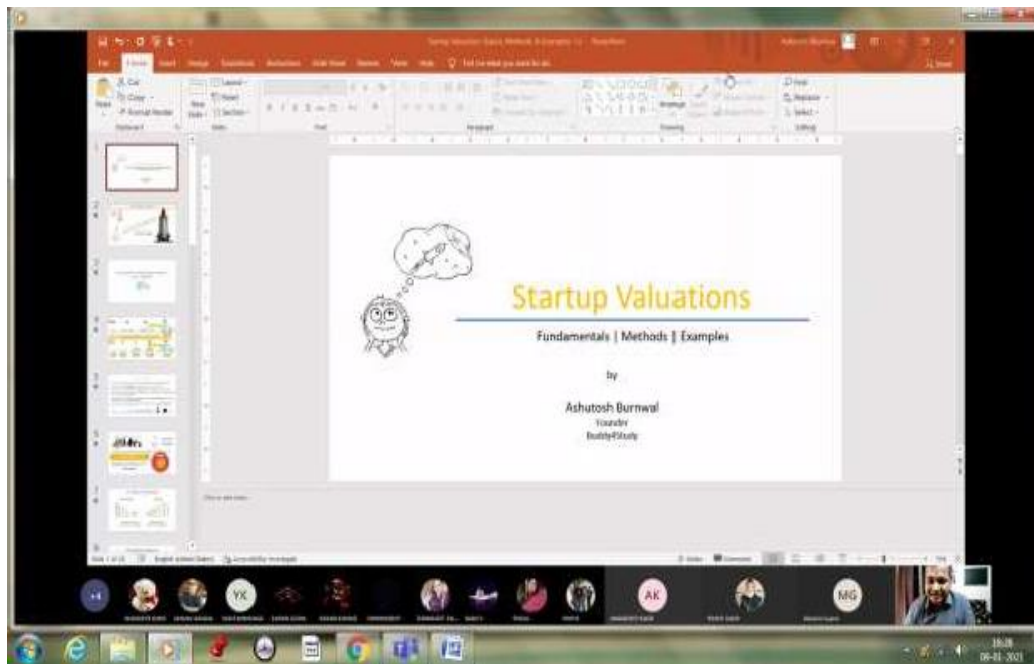
Mr. Ashutosh Burnwal started his lecture by correlating the Startup journey with a lifeline and said all Startups have a soul which needs to be nurtured. On Startup Valuation, he further said that it is all about storytelling rather than finances. There are two types of businesses: Technology-driven firms and non-technical firms.

Mr. Ashutosh further explained the various validation methods used by Venture Capitalists such as Berkus Method, Scorecard Method, Venture Capital Method, DCF, Comparable Method and First Chicago method. He said the most commonly used method among these is Scorecard Method. The major attributes of all these methods are Idea, Prototype, Management, Relation, and Sales. In the end, he said for an entrepreneur, your business is your baby. There's a moment when your baby is a newborn and you have been all alone feeding him and nurturing him until he has grown to a stage where you can now present him to the entire world.

Dr. Manish Gupta, Professor BFCET presented the Vote of Thanks and summarized the session, and also took questions from the audience which were satisfactorily answered by Mr. Ashutosh Burnwal.



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Glimpses of Webinar on Startup Valuation



**Report on
Workshop on Searching Techniques for Patents**

Date: 06-10-2021

Total Number of Participants:16

Name of Resource Person: Dr. Manish Gupta, Professor, Baba Farid College of Engineering and Technology, Bathinda

A Workshop on “Searching Techniques for Patents” was organized by the Department of Mechanical Engineering, Baba Farid College of Engineering and Technology. Dr. Manish Gupta, Professor, Baba Farid College of Engineering and Technology, Bathinda was the resource person. Intellectual property includes intangible assets such as musical, literary, and artistic works; inventions; and words, phrases, symbols, and designs. This workshop aimed at establishing a basic level of IP awareness amongst the workshop participants, such that the chances of obtaining well-protected innovation (Patents) for their organizations are increased. This workshop was focused on Importance and scope of IPR in Academic Researches, Types of innovations patentable & how to test your patentability of your innovations, Procedure of patent writing, searching techniques, patent filing and the process of granting patent. He further added about research ethics. The event was successfully completed with faculty members' queries. Sixteen faculty members attended the workshop.



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Glimpses of Workshop on Searching Techniques for Patents



**Report on
Workshop on Intellectual Property Rights Awareness**

Date: 15-09-2021

Total Number of Participants: 59

Name of Resource Person: Dr. Manish Gupta, Professor, Baba Farid College of Engineering and Technology, Bathinda

The “Intellectual Property Rights Awareness” workshop was organized at Baba Farid College of Engineering and Technology in collaboration with the Baba Farid School of Entrepreneurship. Dr. Manish Gupta, Professor, Baba Farid College of Engineering and Technology, Bathinda was the resource person. Dr Gupta shared valuable information on "Intellectual Property Rights. He said that IPR is the key in protecting innovations in order to benefit society and minimizing the risk of valuable ideas remaining on the shelf. The current global economic crisis is also focusing renewed attention on the urgent need to incentivize and protect innovation to both solve the world's most challenging problems and to generate jobs and economic growth. The power to evolve innovations and thinking in an innovative manner in an organization can be increased by means of creating Intellectual Property (IP) awareness amongst its employees and students, who are directly or indirectly involved in the process of innovation. The one day IP awareness workshop aims at establishing a basic level of IP awareness amongst the workshop participants, such that the chances of obtaining well-protected innovation (Patents) for their organization are increased. Fifty nine students participate in this IPR awareness workshop.



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Glimpses of Workshop on Intellectual Property Rights Awareness



BABA FARID COLLEGE OF ENGG. & TECHNOLOGY



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Ref. No: - *BFCET/PA/01/2021/350A*

Dated: 13.09.2021

CIRCULAR

Workshop on Intellectual Property Rights Awareness

This is to inform you all that Baba Farid College of Engineering and Technology in collaboration with the Baba Farid School of Entrepreneurship is organizing a workshop on Intellectual Property Rights Awareness. Students and Faculty members of any department can attend the workshop by getting their name registered with Ms. Amritpal Kaur.

The details of the program are as follows:

Date : 15.09.2021
Timing : 10:30 AM to 4:00 PM
Venue : Main Seminar Hall, BFGI
Speaker : Dr. Manish Gupta, Professor, Baba Farid College of Engineering and Technology, Bathinda

Dr. Manish Gupta
Principal,
BFCET, Bathinda



Brief Report

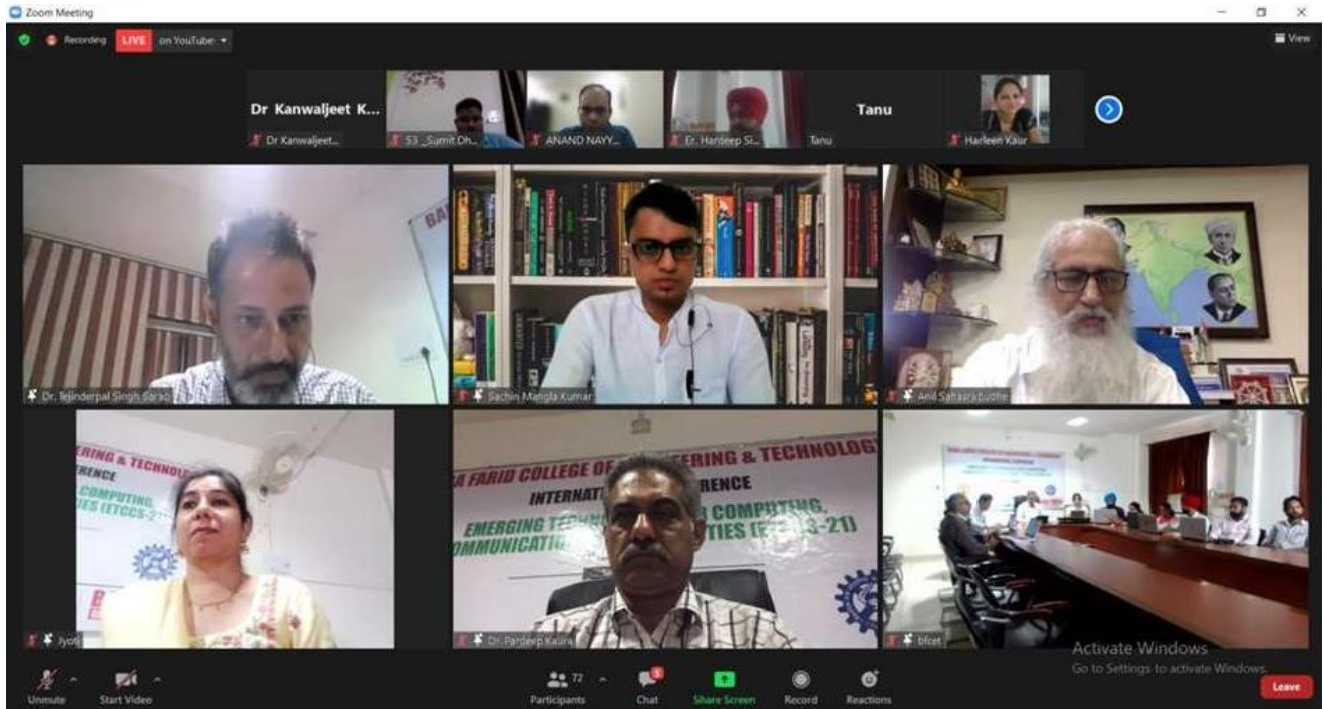
International Conference on Emerging Technologies for Computing, Communication and Smart Cities (ETCCS-2021)

Two days online International Conference on "Emerging Technologies for Computing, Communication and Smart Cities" (ETCCS-2021) organized by Baba Farid College of Engineering & Technology, Bathinda in technical collaboration with Springer and sponsored by Ministry of Electronic and Information Technology (MeitY), All Indian Council for Technical Education (AICTE) and Council of Scientific & Industrial Research (CSIR), New Delhi successfully held on 21st-22nd August 2021.

The main objective of the conference was to provide an international platform to share the new advancements and innovations in Artificial Intelligence (AI), Wireless Networks, Security and Internet of Everything (IoE). The five tracks of the conference covered the latest technologies being used worldwide in the 21st century and Industry 4.0. ETCCS'21 provided a spectrum of opportunity to share new concepts amongst the technologist, industrialists, researchers and students (from research areas of AI, Wireless Networks, Security and IoE).

Prof. Pardeep Kaura, Deputy Director Academics, Baba Farid Group of Institutes (BFGI) welcomed chief guest and other dignitaries during the inaugural ceremony of the conference. He further added that conference will provide an insight into a wide spectrum of emerging technologies and congratulated BFCET for organizing this conference and appreciated the participants.





Glimpses of International Conference on Emerging Technologies for Computing, Communication and Smart Cities

Dr. Nimisha Singh, Dean Training, BFCET introduced the conference speakers while Dr. Jayoti Bansal, Principal BFCET, briefed the audience about the conference. Prof. Anil D. Sahasrabudhe Chairman AICTE New Delhi was the Chief Guest of the Inauguration Ceremony. He addressed the audience on the power of supercomputers and how it is helping India in one of the key sectors, that is, Agriculture. Prof Sahasrabudhe also threw light on AI, IoT, Data Science, Industry 4.0, Augmented Reality and Cyber Security. He said that Smart Cities is the next dream project of the nation.

In a plenary session, Dr. Sachin K. Mangla, University of Plymouth, United Kingdom delivered a keynote address. He gave an outstanding talk on Industry 4.0 Technologies for Sustainable Business Operations in order to build connectivity between IOT and digitalization. Convener of Conference, Dr. Tejinder Pal Singh Sarao thanked all speakers for sparing their time and effort they took to share their expertise with the audience in the conference. He paid special thanks to Prof. Anil Sahasrabudhe and Dr. Mangla for sharing their valuable knowledge with the audience.



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Keynote speaker, Dr. Anand Nayyar of Duy Tan University, Da Nang, and Vietnam delivered expert talk on Internet of Robotic Things (IoRT): Applications, Challenges, and Research Directions. Prof. Pao Ann Hsuing of National Chung Cheng University, Taiwan took a session on Latest Trends in Deep Learning. Dr. Sanjay Misra, Convent University, Nigeria delivered an invited talk on the topic Emerging Technologies (IoT, IoE, Edge, and Fog Computing). Keynote speaker Pastor Jr. Arguelles, Dean, College of Computer Studies, Calabarzon, Philippines delivered a talk on Soft Computing in the Modern era of Technology. Dr. Polkowski, UJW at Faculty of Technical Sciences, Poland delivered a talk on Role of IT in Business considering Industry 4.0.

In the valedictory session, Dr. Nimisha Singh, Dean Training BFCET welcomed Principal BFCET, faculty members and participants at the valedictory ceremony of the International Conference. She thanked all keynote speakers from the United Kingdom, Taiwan, Vietnam, Nigeria, Poland, Philippines for their wonderful talk in different sessions of the conference. Dr. Tejinderpal Singh Sarao, Convener of the conference shared a report of the conference. He briefed over 200 research papers submitted from India and abroad including Italy, Poland, Vietnam, Nigeria, Malaysia, South Korea, Taiwan and many more. With the support of our reviewers team from Hungary, Iraq, Italy, Poland, South Africa, Malaysia and Nigeria including India. Out of 200 paper submissions, 36 full length papers & 8 invited papers were selected for presentation & finally paper will be published with Springer. Prof. Harsimran Singh, Dean Consultancy, BFCET delivered a vote of thanks. He extended his thanks to the participants, publication partner Springer, Academic partners-Maharaja Ranji Singh Punjab Technical University, Bathinda.



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Ref No: BFCET/PA/OR/2021/832

Date:11/08/2021

OFFICE ORDER

It is for the information of all faculty members that Baba Farid College of Engineering and Technology is organizing an **International Conference entitled “Emerging Technologies for Computing, Communication and Smart Cities (ETCCS-2021)”** to be held on **21st -22nd August 2021 in collaboration with Springer and sponsored by Ministry of Electronics and Information Technology (MietY), AICTE, Digital India, CSIR & National e-Governance Division.** Following committees are hereby constituted for the smooth conduct of the conference (online mode):

Dr. Jyoti Bansal	Convener
Dr. Tejinderpal Singh Sarao	Convener
Er. Harsimran Singh	Co-convener
Er. Pankaj Mittal	Co-convener

1. Technical Support Committee		
Name	Designation	Contact No.
Er. Harsimran Singh	Convener	9501115438
Er. Ashu Bansal	Co-convener	9501115524
Er. Charandeep Singh Bedi	Member	9501115524
Mr. Jaswant Singh	Member	9501115462
2. Inauguration/Valedictory Committee		
Er. Hardeep Singh	Convener	9501115485
Dr. Manpreet Singh	Co-convener	9501115415
Mr. Indraj Kumar	Member	9501115467
Mr. Sandeep Singh	Member	9501115447
3. PR/ Press Note/Purchase Committee		
Er. Rajan Vinayak	Convener	9501115456
Er. Abhi Garg	Member	9501115435
Er. Gurjant Singh	Member	9501115431
4. Session Chair Committee		
Er. Harleen Kaur	Convener	9501115506
Er. Amandeep Kaur Ghai	Member	9501115232
Er. Harkamaldeep Kaur	Member	9501115443
Er. Shilpy Goyal	Member	9501115508
Er. Balwant Singh	Member	9501115441



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5. Invitation Committee		
Er. Tanu Taneja	Convener	9501115465
Er. Pushpinder Sharma	Co-convener	9501115510
Er. Heena	Member	9501115413
Er. Manish Kumar	Member	9501115710
6. Moderation/Stage Management Committee		
Dr. Nimisha Singh	Convener	9501115422
Er. Priya Mittal	Member	9501115448
Er. Divisha Garg	Member	9501115502
Dr. Navneet Kaur	Member	9501116490
Er. Arshdeep Singh Kalsi	Member	9501115469
7. Finance Committee		
Dr. Tejinderpal Singh Sarao	Convener	9501115438
Er. Kovid Shrama	Co-convener	9501115489
Er. Pankaj Mittal	Co-convener	9501115423

Important to note: - All Heads must ensure that all the faculty/staff must be available for the above-said dates. All Teaching & Non-teaching staff members are required to coordinate to make this event successful.

-sd-

**Principal,
BFCET, Bathinda.**