



# ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University || AICTE Approved | Electronic City, Bengaluru - 100

Accredited by NAAC with 'A' Grade || Recognised under section 2(f) & 12(b) of the UGC Act || An ISO 9001: 2015 Certified Institution

**A FRANSALIAN INSTITUTE OF HIGHER LEARNING**



## **ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAM**

**ON**

**INTEGRATED LEARNING AND THE NEP 2020  
12TH TO 17TH JULY, 2021**



**ORGANISED BY  
IQAC AND FACULTY ENRICHMENT COMMITTEE**

**IN ASSOCIATION WITH KARNATAKA STATE COUNCIL FOR  
SCIENCE AND TECHNOLOGY**

**TIME: 2.00 PM TO 4.30 PM**

**PLATFORM: G-MEET**

## **ABOUT THE COLLEGE**

*St Francis de Sales College, popularly known as SFS Collge*, Electronic city-Bangalore, is managed by St Francis Sales Educational and Charitable Trust. St. Francis de Sales College came into existence in 2004 with the motto: *Excellence, Transformation and Efficiency*. It is a minority recognized institution that is permanently affiliated with Bangalore University. *The College was granted an “A” grade by the NAAC in 2015*. The Postgraduate Center was added to the College in 2017. In the year 2018, *the College obtained 2f and 12b recognition under the UGC Act of 1965*. With the AICTE approval, professional courses such as MBA, and BBA Aviation Management were started in 2020. It is also an ISO certified institution.

St. Francis de Sales College is led by a group of experienced and passionate individuals who are striving to help our students to carve their own enterprises and make learning more holistic and global in nature.

## **ABOUT THE IQAC**

*Internal Quality Assurance Cell of St. Francis de Sales College* functions with a major purpose to maintain long-term quality standards. It is a significant administrative body that is responsible for all quality matters. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the performance of the college and to channelise the efforts and measures of the institution towards academic excellence.

## **ABOUT KSCST**

Karnataka State Council for Science and Technology (KSCST) was established in the year 1975. KSCST is an autonomous S&T organization under Department of Science & Technology, Government of Karnataka. 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. 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.

## **OBJECTIVES OF THE FDP :**

- To provide an understanding of the National Educational Policy 2020
  - To make the faculty understand the need of IP and research patenting
  - To identify the students' development through Outcome Based Education
  - To aid in the necessity of integrating learning into the curriculum
  - To improve the active participation of the faculty in the teaching-learning process
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# PROGRAM SCHEDULE

12th JULY, 2021  
DAY - 1

## **Inauguration of SFS-KSCST - Innovation and IP Cell**

**Mr. H. Hemanth Kumar**, *Executive Secretary, Karnataka State Council for Science and Technology, Indian Institute of Science campus, Bangalore*

### **Session 1:**

#### **A holistic overview of Intellectual Property Rights**

**Mr. Vivek Anand Sagar** *IP Attorney and Consultant  
Karnataka State Council for Science and Technology,  
Indian Institute of Science Campus, Bangalore*

### **Session 2:**

#### **Patentable Subject Matter**

**Dr. Sarajisha Padmanabhan**  
*Patent Agent and Patent Attorney, Bangalore*

13th JULY, 2021  
DAY - 2

### **Session 3:**

#### **Copyright: A powerful IP Tool and its implication in Research**

**Mr. Vivek Anand Sagar** *IP Attorney and Consultant  
Karnataka State Council for Science and Technology,  
Indian Institute of Science Campus, Bangalore*

### **Session 4:**

#### **IP Commercialization**

**Mr. Nagarjun M G,**  
*Project Associate, KSCST*

14th JULY, 2021  
DAY - 3

### **Session 5:**

#### **NEP 2020 and Blended Learning**

**Dr. Vithal D. Potdar**  
*Senior Research Associate  
The Mythic Society, Bangalore*

15th JULY, 2021  
DAY - 4

### **Session 6:**

#### **Curriculum and Teacher Competence Building for the new Regime**

**Dr. Bhavani Principal**  
*Surana College, Bangalore*

16th JULY, 2021  
DAY - 5

### **Session 7:**

#### **Imagining an Educational Policy for Affiliated Colleges**

**Dr. Arul Mani**  
*Senior Lecturer  
St. Joseph's College, Bangalore*

17th JULY, 2021  
DAY - 6

### **Session 8:**

#### **Unboxing Outcome Based Education**

**Dr. Bhargavi** *Professor and Director  
Postgraduate Department of Commerce  
Seshadripuram College, Seshadripuram, Bangalore*

## Registration:

Registration Fee: *Nil*

Last date for Registration: *10th JULY, 2021*

## Registration Link:

\* Attendance is compulsory for all the sessions

\* E-certificate will be issued to the participants on submitting feedback after each session

\* <https://forms.gle/PYzVH5qe98bk6ZXk8>

## Committee Members:

Dr. Tharini Prabakaran, IQAC member

Dr. Shantaraju, IQAC member

Prof. Roshini, IQAC member

Prof. Nayana, IQAC member

Prof. Bharathi, IQAC member

Prof. Uma Maheswari, IQAC member

Prof. Prashanth, IQAC member

Prof. Ramandeep Kaur, IQAC member

Prof. Chitra, FEC member

Prof. Rosaline, FEC member

Prof. Victoria Reena, FEC member

Prof. Siny Philip, IQAC member

## ORGANISING COMMITTEE

### **CHIEF PATRON**

Rev. Dr. Roy P K  
Principal

### **PATRON**

Mr. Hemanth Kumar  
Executive Secretary, KSCST  
Bangalore

### **CHAIRMAN**

Rev. Fr. Jijo Jose  
Vice Principal

### **CONVENOR**

Prof. Maya Mathew  
IQAC Coordinator



**For further queries contact:**

Dr. Tharini Prabakaran  
Phone number || 9731832576  
Email ID : iqac@sfscollege.in



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## FACULTY DEVELOPMENT PROGRAM-July 12-17, 2021

<b>Title</b>	One Week Online Faculty Development Program on Integrated Learning and the NEP 2020
<b>Date of Event(s)</b>	12.7.21-17.7.21
<b>Department / Association /Cell / Committee</b>	Internal Quality Assurance Cell and Faculty Enrichment Committee
<b>Venue (Mention the platform if it is Online)</b>	G-Meet (Online)
<b>Number of Participants</b>	183
<b>Target Audience</b>	

<b>Resource Person(s) with qualification</b>	12 July 2021 <b>Session 1-</b> Mr. Vivek Anand Sagar IP Attorney and Consultant, KSCST <b>Session 2 -</b> Dr. Sarajisha Padmanaban, KSCST 13 July 2021 <b>Session 3 -</b> Mr. Vivek Anand Sagar., IP Attorney and Consultant, KSCST <b>Session 4 -</b> Mr. Nagarjun M.G Project Associate, KSCST 14 July 2021 <b>Session 5 -</b> Dr. Vithal Potdar Senior Research Associate, The Mystic Society, Bangalore 15 July 2021 <b>Session 6 -</b> Dr. Bhavani, Principal, Surana College, Bangalore 16 July 2021
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Electronics City P.O., Bengaluru - 560 100

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www.sfscollege.in



	<p><b>Session 7-</b> Dr.Arul Mani., Senior Lecture., St.Joseph 's College, Bangalore.</p> <p>17 July 2021</p> <p><b>Session 8 -</b> Dr.Bhargavi, Professor and Director, Seshadhipuram College, Bangalore.</p>

Place of visit/ details of Industrial visit place (if applicable):	NA
Event Coordinator	Prof. Maya Mathew and Dr. Tharini Prabakaran

**Report:**

**Objective of the Program:**

The main objective of the Faculty Development Program organised by IQAC and Faculty Enrichment Committee of St. Francis de Sales College, Bangalore in collaboration with Karnataka State Council for Science and Technology is to provide an understanding of the NEP 2020 and how to integrate various important aspects of learning in the curriculum.

The need for IP and Research Patenting was highlighted during the program as it is the need of the hour for promoting research in the institution. The FDP started on July 12, 2021 and ended on July 17, 2021. The programme was conducted via Google Meet from 2 pm to 4.30 pm on all the days.

**Day:1 – 12.07.2021**

On the first day of the FDP, inauguration of SFS-KSCST – Innovation and IP Cell took place. It was a prestigious moment for the SFS College as the cell was inaugurated in association with Karnataka State Council for Science and Technology, Karnataka. Mr. Hemant Kumar,



Executive Secretary, KSCST, Karnataka was the chief guest of the day and he spoke on the purpose and activities KSCST undertakes. His speech motivated the participants to undertake research activities and take the path of innovation and invention.

### **Session 1-A holistic Overview of Intellectual Property Rights**

**Resource Person: Mr. Vivek Anand Sagar, IP Attorney and consultant, KSCST, Indian Institute of Science Campus, Bangalore.**

The speaker enlightened the audience about Intellectual Property Rights with special reference to publication and research work which is relevant in the academic arena. He spoke on the process of patenting and copyright of research work. He gave some practical examples of how property rights have been procured for the benefit of the patent owners. He also highlighted how faculty members can benefit financially from their work by claiming royalty from the publisher. He also gave a detailed description of the flow chart of copyright Registration. He spoke on trade secrets as well. He also focused on how to deal with copyright infringements. He, indeed, provided a very holistic overview of Intellectual Property Rights in a very simple and lucid manner. This session was very interactive and the participants actively participated in the session.

### **Session 2- Patentable Subject Matter**

**Resource Person: Dr. Sarajisha Padmanabhan, Patent agent and Patent Attorney, Bangalore.**

The resource person started the session by discussing what a patent is and the process of patenting. She said that the process of getting a patent is different in different countries. One has to adhere to the patent laws and process following in the respective countries. Some countries' patents are only granted after a rigorous technical and legal examination. This examination includes a review of technical information available at the time the patent application was filed, which aims to determine whether the invention is new and inventive. She went on to explain how long patent protection can last. She also discussed the rights that a patent provides. Finally, she briefed where the patent is valid, where it is used, invented and patented. She also focused on the different patent laws. The session was very interesting and informative. At the end of the session, she answered all the queries of the audience.

**Day 2 – 13.07.2021**



### **Session 3- Copyright: A Powerful IP tool and its implication in research**

Resource Person: Mr. Vivek Anand Sagar, IP Attorney and consultant, KSCST, Indian Institute of science campus, Bangalore.

Mr. Vivek spoke about the importance of Copyright and its relevance in the research arena. He spoke on the ways to obtain copyrights and what is the procedure for the same. He explained how copyright is a powerful intellectual property right and how it plays a role in everyday life. He highlighted the importance of Copyright through examples taken from everyday life. He made the session to be very interactive and many participants asked questions related to Copyright. The resource person answered all the questions and the session was very useful and informative.

### **Session 4- IP Commercialization**

**Resource Person: Mr. Nagarjun, Project Associate, KSCST, was the resource person for session 4 titled "IP Commercialization".**

Mr. Nagarjun started this session by explaining how to identify Intellectual Property Rights and explained the different types of Intellectual Property Rights like patents, copyrights, trademarks, trade secrets and geographical location. He focussed on the importance of IP for companies and organizations. The point of discussion was business advantage, marketing advantage, license and transfer, valuation. He also discussed the basic IP commercialization factors. Finally, he concluded by stating the different modes of IP Commercialization and National IPR Policy. He highlighted the types of Licensing and also the key terms. He expected the participants to understand through some basic examples of Value capture -ID Fresh food. It was an informative session and participants benefitted out of it by gaining knowledge about IP. Session 5- NEP 2020 and Blended Learning

### **Session 5 - NEP 2020 and Blended Learning**

**Dr. Vithal Podar**, Senior Research Associate, The Mythic Society, Bangalore, was the resource person for session 5 titled "*NEP 2020 and Blended Learning*". He started the session by defining the term blended learning and highlighted the advantages of blended learning for both teachers and learners. He said that a multi-dimensional approach is required for bringing reforms in the higher education sector. He suggested that the Educational Institutions need to develop as innovation centres. There is an urgent need to transform the brick-and-mortar classrooms to Digi-learning classrooms. He highlighted the main points of the NEP 2020 and advocated blended-learning as the way ahead in successfully





implementing NEP. He pointed out former director, IIM-B, Prof. Suni Vachani's quote "Indian Education System needs a Global Perspective." The session was an eye-opener for the teaching fraternity. It was a very informative session.

### **Session 6- Curriculum and Teacher Competence Building for the New Regime**

**Dr. Bhavani**, Principal, Surana College, was the resource person for the session 6 titled "*Curriculum and Teacher Competence Building for the New Regime*". She started the session by defining Curriculum and Teacher Competence. Then, she moved on to suggest the ways for competence building. She said that teachers can build their competency through continuous professional development, constructive pedagogy, research-based teaching, specialization based progression. She insisted that teachers must embrace the concept of integrated and multidisciplinary approaches. She also exhorted the teachers to develop 21<sup>st</sup> century skills. She provided a detailed conceptual framework for teacher's competence. She gave a clear picture of curriculum Pedagogy and Competency building. She quoted some recommendations of NEP about the restructuring of the entire education domain of India. She also highlighted the challenges that the teachers would face and suggested ways to overcome these challenges. Finally, she discussed the curriculum for the new regime. The session was very interesting and interactive.

### **Session 7- Imagining an Educational policy for affiliated Colleges**

**Dr. Arul Mani**, Senior Lecturer, St Joseph's College, was the resource person for session 7 titled "**Imagining an Educational policy for affiliated Colleges.**" He explained about the nature of Education in India and the purpose of higher education in India. He pointed out that the quality of higher education should enable personal accomplishment, enlightenment, spirit of service and productive contribution to society. This educational policy has the bigger ambition not just producing qualifying labour. We need to produce people capable of critical thought. The Educational policy offers a kind of future vision. He enumerated some solutions to various problems moving towards an educational system consisting of large multi-disciplinary colleges and universities. He highlighted the problems identified by the National Educational Policy. This session was really a mind-blowing session.

### **Session 8- Unboxing Outcome Based Education (OBE)**

**Dr. Bhargavi**, Professor and Director, Postgraduate Department of Commerce, Sheshadripuram College, Sheshadripuram, Bangalore. She started the session by asking the audience how many among them have practiced outcome-based education. She pointed out that there are different thoughts on the concept of outcome-based education. She said that



there are a number of countries practicing OBE. She added that it is worth remembering the concepts of William Spady, Father of Outcome-Based Education, who for over 3 decades has been refining the basics of OBE. She quoted Peter Drucker, an Austrian-American management consultant, educator who said "The best way to predict the future is to create it". She also explained the Watermelon effect in the current education industry. She added that there is always a juggle between outputs and outcomes. She opined that what we need actually is the outcomes not outputs and we tend to learn everything on a daily basis. She said that any concept which we see in the field of education has to be practised effectively. She also mentioned that success has come from different sides, the first and foremost thing we can expect from students that can make us frame effective curriculum and pedagogy. It was a wonderful and informative session.

**Outcome:**

The FDP helped the participants to understand the importance of IP, research and how NEP 2020 is going to shape the future of the education sector in the future. The resource persons gave an in depth analysis of the topics spoken and also answered to all the queries in the best way possible. The knowledge gained from this FDP will be practically implemented by the faculty to improve themselves professionally and personally.

  
**COORDINATOR**  
Faculty Enrichment Committee  
St. Francis de Sales College  
Bengaluru - 560100

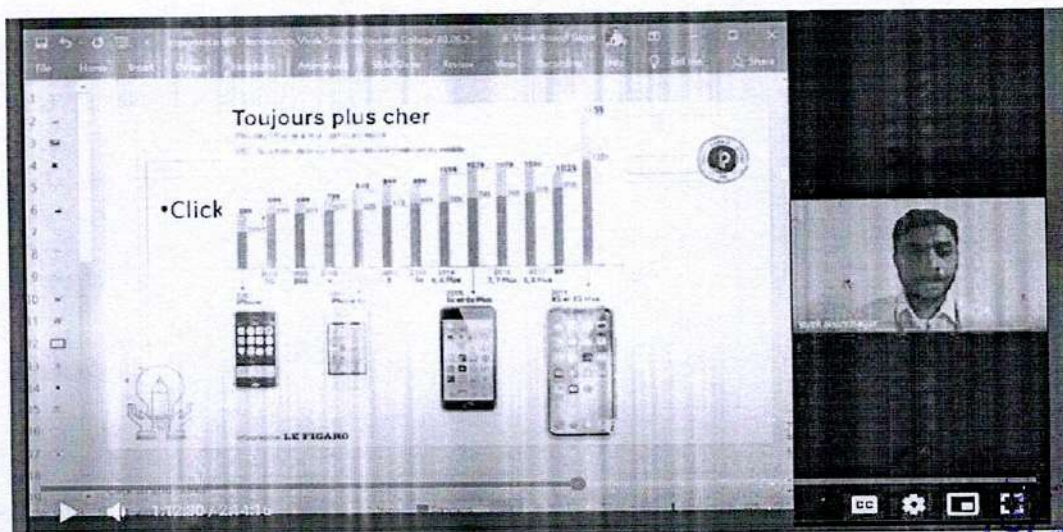
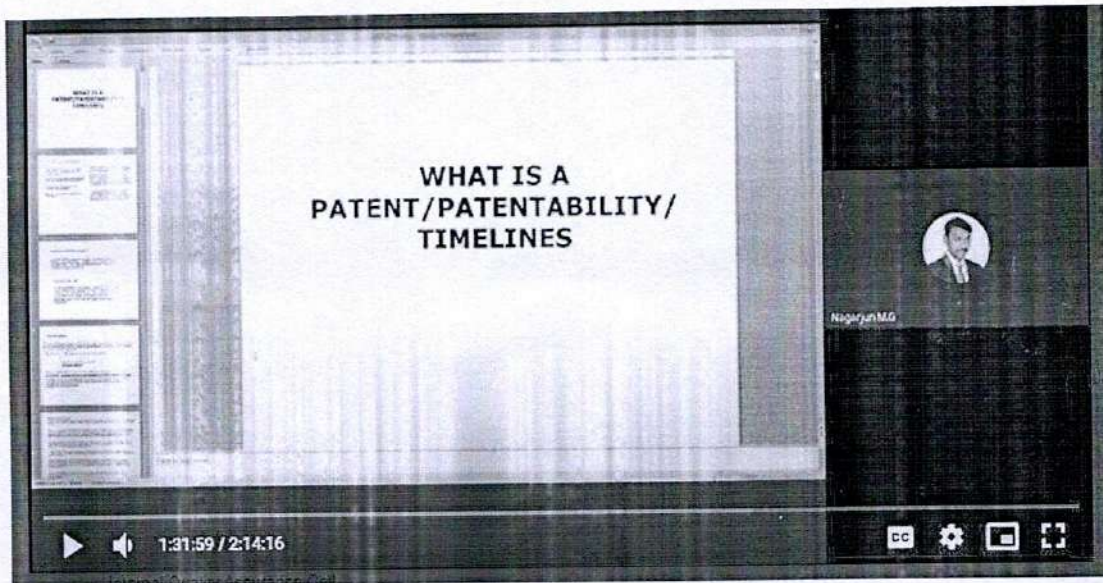
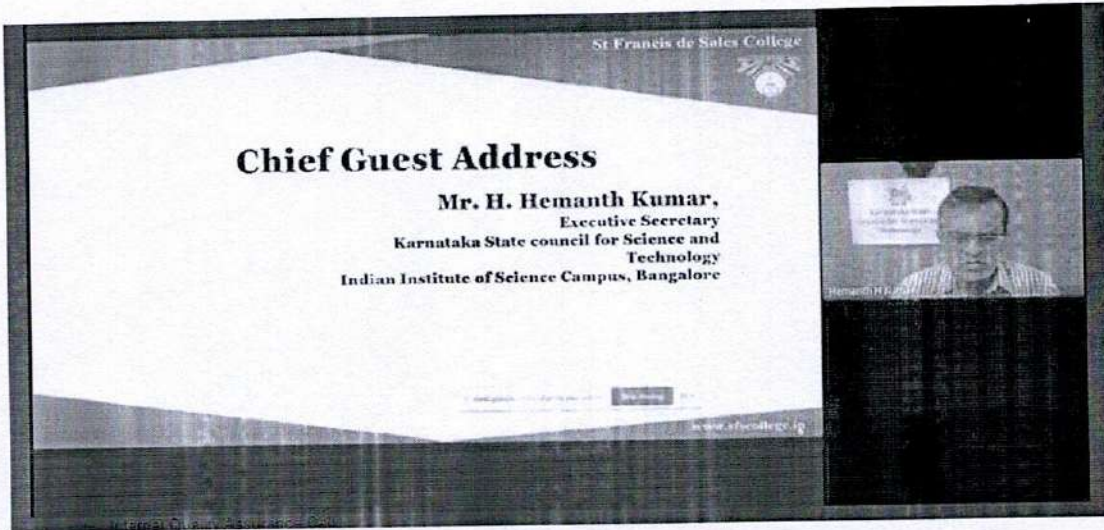
P. Tharini  
**COORDINATOR**  
Governance Cell  
St. Francis de Sales College  
Bengaluru - 560100

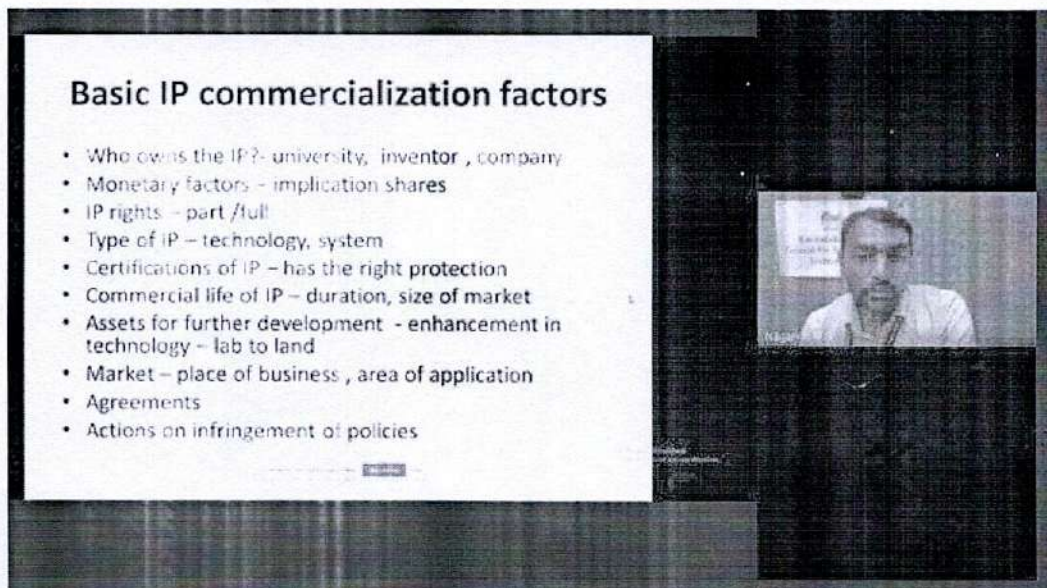
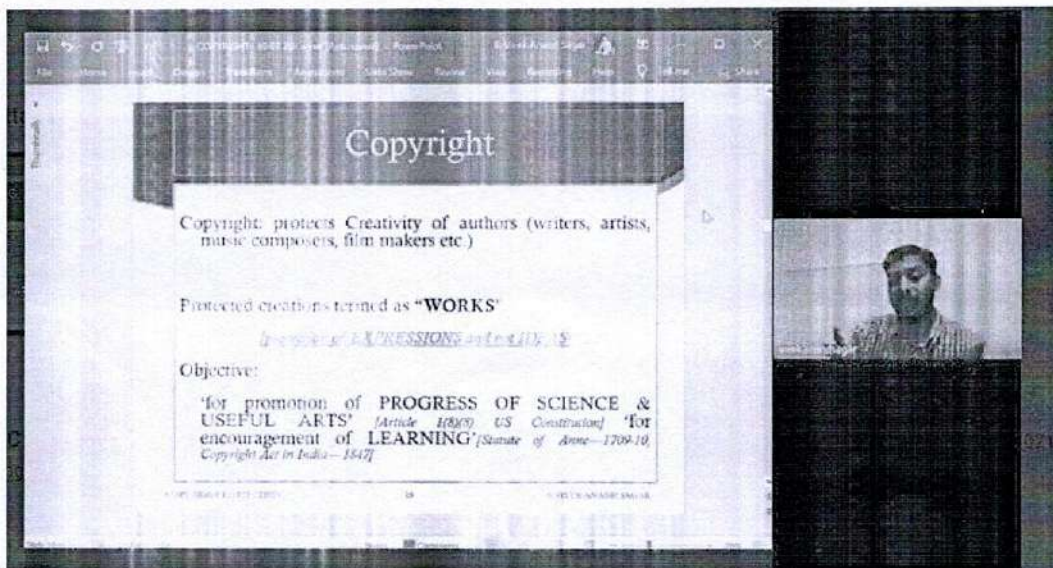


**PRINCIPAL**  
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Kindly **attach** the following supporting documents: (wherever applicable)

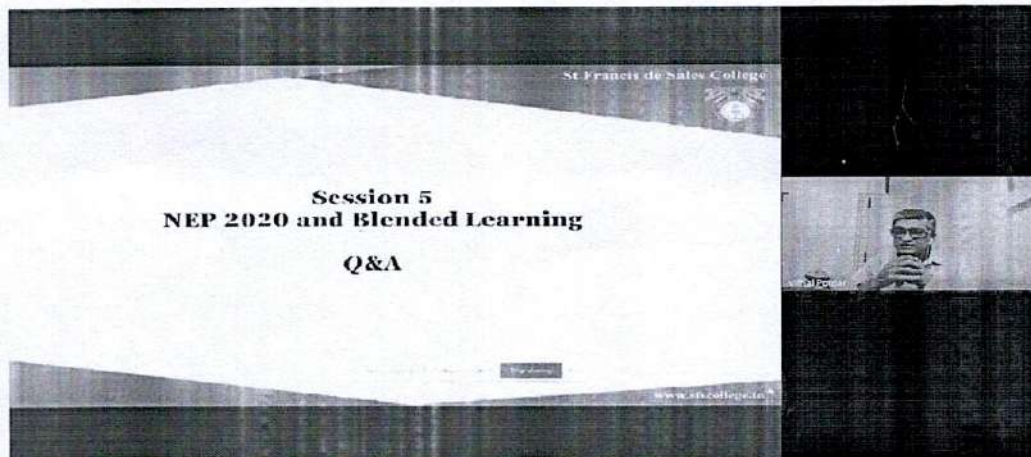
Screenshots of the Program:





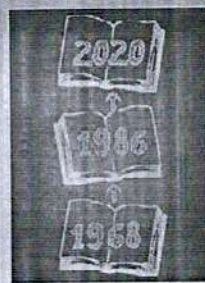
## Meaning of Blended-learning

- Blended-learning is a style of education in which students learn via electronic and online media as well as traditional face-to-face teaching'
- It is a combination of both online and offline teaching/learning



Mission: To encompass the flourishing future of Indian education system to compete with global standards.

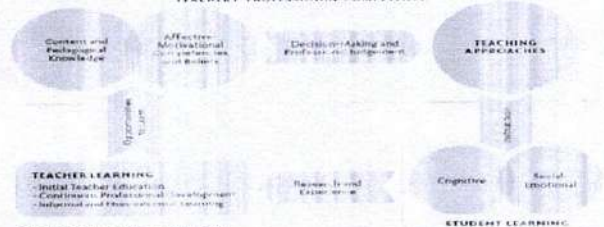
*"Teachers Are the Key To the Implementation Of NEP 2020"*



## COMPETENCY MAPPING

FORMING A CONCEPTUAL FRAMEWORK FOR TEACHER COMPETENCE

TEACHERS' PROFESSIONAL COMPETENCE



St Francis de Sales College


**One Week Online Faculty Development Program**  
OR  
**INTEGRATED LEARNING AND THE NEP2020**  
**12<sup>TH</sup> TO 17<sup>TH</sup> JULY, 2021**

Day 5(16/7/2021)

**Session 7**  
**Imagining an Educational Policy for Affiliated Colleges**

Dr. Arul Mani  
Senior Lecturer  
St. Joseph's College, Bangalore

www.sfccollege.in




Arul Mani

St Francis de Sales College

**Session 7**  
**Imagining an Educational Policy for Affiliated Colleges**  
**Q&A**

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Arul Mani





St Francis de Sales College

**Session 8**  
**Unboxing Outcome Based Education**

**Q&A**

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