

Report of Workshop/Seminar/Symposia/Conferences/Invited talk and any other events

1. Name of the Event (with date)	Seminar < 22-07-2021> Title: Opportunities for Indo-French S&T partnerships Aim: The seminar aims to highlight various programmes and activities of CEFIPRA with French & Indian researchers interested in developing research partnerships.
2. School	SOE, SOHS and SOCS
3. Department	Department of Research and Development
4. Contact Person (with contact details) (convener/coordinator/organizer/etc.)	1) Dr. Devesh Kumar Avasthi 2) Dr. Syed Mohammad Tauseef 3) Ankit Dasgotra (9267909107)

5. Photographs: (High resolution photographs)

Photo 1:



About the Speaker



Dr. Purnima Rupal
Director -IFCPAR

Dr. Purnima Rupal assumed the post of Director, Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA) on 11 Dec 2018. Prior to this assignment, she served as Counsellor, Science & Technology at the Embassy of India, Tokyo, Japan, for three years. During her tenure in Japan, she contributed significantly towards enhancing the bilateral ST&I, space and nuclear cooperation, academic exchanges and healthcare cooperation between the two countries.

Dr. Rupal has been associated with the International S&T Affairs Directorate of Council of Scientific & Industrial Research (CSIR), New Delhi, one of India's largest public R&D organization for over 20 years and was responsible for planning, management & coordination of bilateral & multilateral science, technology & innovation cooperation programmes. Dr. Rupal has been actively associated with Indo-French S&T bilateral collaboration besides, CSIR's programmes with other European and Asian countries. She played a major role in shaping India-EU joint S&T relationship between CSIR & its European partners. She has been actively involved in formulating policy issues with respect to international benchmarking and enhancing visibility of CSIR globally. Dr. Rupal was also closely associated with capacity building exercises of the CSIR. Dr. Rupal is known for high degree of competence, analytical & problem solving abilities, networking and strong negotiation skills. She has represented CSIR at several high level S&T meetings.

Dr. Purnima Rupal trained to be a biochemist obtaining her Ph.D in Biochemistry from Panjab University, Chandigarh, India & Dr. Rupal also honed her skills in popular science writing and has authored books, articles in newspapers and magazines and edited books devoted to science dissemination.

Moderator

Dr. D K Avasthi
Dean R&D
UPES

Event Details:
22nd July, 2021
10am – 12:30 pm
Energy House Board Room & Zoom

Photo 2:

1. Group photograph with banner/standee of the event in different view/location



Abstract: The Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA) is India's first and France's only bilateral organization, in existence for the past 33 years, since its inception in 1987. The Centre is committed to promote collaboration between the scientific communities of the two countries in areas of mutual interest like Aeronautics and Aerospace, Artificial Intelligence, Eco-Energies, Natural Resources from plants, Agronomy & Food Process, Marine Sciences, Smart Cities/EV, etc.

6. Report of the Event:

Over 72 people took part in our seminar, 23 of which showed their physical presence in the auditorium and 49 joined by zoom link (<https://zoom.us/j/94496444738>). Dr Purnima mainly focused on the following areas:

1. Evolution and Programme Profile of CEFIPRA
2. Calls and Deadlines under Core Programmes, and Eligibility
3. Areas supported under CSPR, and Funding Support Provided
4. Industry-Academia Research & Development Programme (IARDP)
5. Raman-Charpak Fellowship
6. Indo-French Centre for Applied Mathematics (IFCAM)
7. TBD-CEFIPRA-Bpifrance
8. DST-CEFIPRA Women Post-Doctoral Fellowship Programme, etc.

Many questions were asked on behalf of research scholars, faculties, students, etc. and Dr Purnima helped to clear all the doubts of attendees. She also shared some success stories.



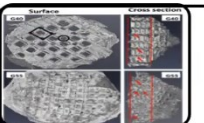
Success Stories of Scientific & Industry-Academia Research Projects



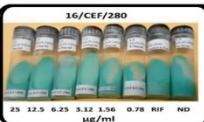
New approach using higher order SH ultrasonic wave modes generated using EMATs developed for quality assurance of adhesive bonded structures, particularly in the aerospace industry
{IIT Madras+ IISc Bangalore+Dhvani Research and Development Solutions Pvt Ltd., Chennai+ University of Bordeaux+Ariane Space Transportation, Bordeaux}



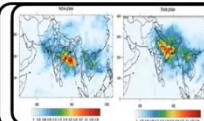
A specific platform the static and dynamic resiliency analysis is developed. On-time performance indicators and the Gini Index indicators for the assessment of bus regularity are implemented on the ClaireSiti platform
{IIT Delhi (TRIPP) +GRETIA +IFSTTAR+Delhi Integrated Multi-Modal Transit System Ltd.}



Dual anticancer drugs (doxorubicin and curcumin) loaded electrospun patches developed
{Anna University, Chennai and University of Montpellier}



Phosphorous dendrimers which are potential for antiTB-2 developed
{CSIR-CDRI Lucknow and Laboratoire de Chimie de Coordination du CNRS, Toulouse}



Archiving and processing of satellite (ISCCP-B1) dataset. Climatology of high cloud fraction from satellite brightness temperature derived over Asian summer monsoon region
{Cochin University of Science and Technology and Ecole Normale Supérieure, Paris }

Feedback from attendees:

1. Interactive session, and Explanation was very much clear
2. The content was properly designed and structured
3. Expert tried to engage all the participants in a wonderful manner

Attendance of participants, those who attended the session in the auditorium:

Attendance Sheet

Lecture/webinar by Dr. Purnima Rupai ('Opportunities for Indo-French S&T partnerships')

Date: 22nd July 2021

S.No.	Name	Dept.	Sign.
1.	DR. PARSWAJIT KALITA	PHYSICS	P. Kalita
2.	Dr. SARATHILAL K. V	PHYSICS	S. K. V.
3.	Dr. Anil Sankar	Physics	A. Sankar
4.	Dr. Prateek Bhojane	Physics	P. Bhojane
5.	Mr. Prakash Bobde	R and D	P. Bobde
6.	Sankari Harganika	Petroleum	S. Harganika
7.	Poonam Singh	Chemistry	P. Singh
8.	Sachin Pathak	Physics	S. Pathak
9.	KRISHNA MURPHY RAO	MECHANICAL, E&E	K. Rao
10.	Mayank Agnihotri	Petroleum Engg.	M. Agnihotri
11.	Anjeeshnu Das	Electronics	A. Das
12.	Ankit Pasgatra	R & D	A. Pasgatra
13.	Anurag Basma	R & D	A. Basma
14.	Vishal K. Singh	R & D	V. Singh
15.	Bunil K. Tiwari	R & D	B. Tiwari
16.	Harsh sharma	Mechanical	H. Sharma
17.	AKULA UMAMAHESWA RAO	Mechanical	U. Rao

18.	Dr. S.M. Tawse	HSE & Civil Eng	S. Tawse
19.	J. Sudharsan	Petroleum	J. Sudharsan
20.	Shashank Pal	Mechanical	S. Pal
21.	Preethi Sharma	SOCS (Computer Sciences)	P. Sharma
22.	Shashi Upadhyay	Microbiology (SOHS)	S. Upadhyay
23.	Dinesh Rathod	Physics	D. Rathod

Signatures:

Dean

Assistant Dean

Contact Person
(convener/coordinator/organizer/etc.)