

ENSEMBLE

Newsletter of the Indo-French Centre for the Promotion of Advanced Research

www.cefipra.org

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**STRENGTHENING RELATIONS WITH
INDO-FRENCH SCIENTIFIC COMMUNITY**



From Director's Desk

Dear Readers,

Greetings from CEFIPRA!

It gives me an immense pleasure to present this issue of CEFIPRA Newsletter "Ensemble".

I am happy to share with all that CEFIPRA is gearing up with a great zeal to strengthen its existing programmes and launch new initiatives for taking it to another milestone. The streamlining efforts for more transparency and visibility of the Centre have already been started.

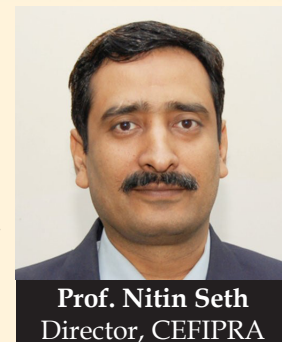
It is remarkable that when India is celebrating Azadi Ka Amrit Mahotsav to commemorate 75 years of India's independence, India and France celebrate the 75th anniversary of diplomatic relations and deep S&T relations between the two nations.

CEFIPRA is keen to further strengthen the Indo-French relations in Science, Technology & Innovation. I am sure with continued precious guidance from the two Co-Chairs & invaluable support and cooperation from Governing Body, DST, French Embassy & Indo-French Scientific fraternity, CEFIPRA will be able to move further towards impactful transformation & provide valuable and useful contribution to support the strategic objectives for deepening the Indo-French partnership.

Visualizing the opportunity to further strengthen the S&T bilateral relations and to have a deeper contacts, Team CEFIPRA has been reorganized to five Cells, i.e. institutional focused (Institutional Cell), Alumni focused (Alumni Cell), Women in Science focused (Women Post-doctoral Fellowship Cell), Logistics focused (Logistics Cell) and Media & Publication focused (Media & Publication Cell).

I am sure with everyone's support, Team CEFIPRA will be able to steer towards path of further deepening S&T bilateral relations.

Thank you very much! Merci Beaucoup!



Prof. Nitin Seth
Director, CEFIPRA

Bienvenue / Au Revoir

CEFIPRA extends warm welcome to its new members of Governing Body (GB) from Indian & French side

Indian GB Member



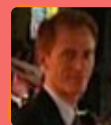
Prof. Anurag Agrawal
Ashoka University
Haryana



Mme Audrène ELOIT
Ministère de l'Europe et des
Affaires étrangères
(MEAE, DGM, DCERR)
Paris



Mr Joaquim NASSAR
Ministère de l'Enseignement
supérieur et de la Recherche
et de l'Innovation
(MESRI, DAEI), Paris



Mr Benoit GAUTHIER
Embassy of France
New Delhi



Dr Nicolas GHERARDI
IFI & Embassy of France
New Delhi

French GB Member

CEFIPRA extends warm welcome to its new members of Scientific Council (SC) from Indian side



Prof. Manoj Singh Gaur
Director
Indian Institute of Technology
Jammu



Prof. B. Eswar Reddy
Programme Director
India TMT Coordination Centre
Indian Institute of Astrophysics,
Bangaluru

CEFIPRA express its gratitude for the invaluable support & cooperation of Prof. Tanusri Saha-Dasgupta, who had successfully completed her tenure as Scientific Council (SC) Member of CEFIPRA from Indian side.



Prof. Tanusri Saha-Dasgupta
Indian Association for the
Cultivation of Science
Jadavpur

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Scientific Team
Dr. Payal Prakash
Dr. Raman Kumar
Mr. Kunal Kasariya

Media Team
Mrs. Neeraj Kapoor

Logistic Team
Mr. Ashutosh Mishra

Meetings / Key Interactions

14th Finance Sub-Committee (FSC) Meeting

2nd June, 2022



The 14th meeting of Finance Sub-Committee (FSC) of CEFIPRA took place on 2nd June 2022 at CEFIPRA office under the chairmanship of Shri. Vishvajit Sahay, AS&FA, DST and attended by representatives of DST & French Embassy and Director, CEFIPRA. Discussions held on various important issues and decisions taken on budget estimates, audit reports etc. of CEFIPRA.



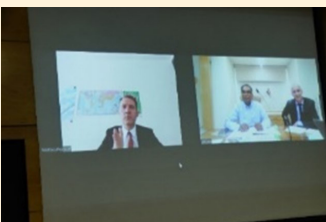
35th Governing Body (GB) Meeting

14th June, 2022



The 35th meeting of the Governing Body (GB) was organised on 14th June, 2022 in Hybrid mode. The GB appreciated for the clear presentation and planned efforts to improve the overall management, transparency of processes and visibility of the Centre. GB also appreciated the efforts made towards timely compilation of Annual Reports and other publications/documents by CEFIPRA. The following documents were released by the Co-Chairs in the GB meeting :-

- i) Annual Report (2020-2021 & 2021-2022)
- ii) Scientific Publications - 2021
- iii) Bibliometric Analysis of Publications - 2020



68th Scientific Council (SC) Meeting

20th -21st June 2022



CEFIPRA organised the 68th meeting of the Scientific Council (SC) in hybrid mode. Four French SC Members, along with two Indian SC members, an official from CEFIPRA & a representative from the French Embassy could able to join the meeting in person, from one of the beautiful places of France, i.e. Avignon. Director along with two members, one each from France and India joined the meeting virtually. With the participation, support & valuable inputs of all the members in the 68th SC meeting, it concluded in a very successful & efficient manner. All the members enjoyed the deliberations of the meeting.



CEFIPRA Scientific Council Members' Conference

22nd June, 2022, The Lumière Matière Institute (ILM), Lyon



CEFIPRA organised a successful conference for two Indian members (Prof. Tanusri Saha Dasgupta & Prof. V. Nagaraja) of the Scientific Council of CEFIPRA and at ILM, Lyon, France, where members interacted with the scientific fraternity of the institute and made presentations.

- Prof. Tanusri Saha-Dasgupta, Director, S. N. Bose National Centre for Basic Sciences, Kolkata, delivered her presentation on Quantum Materials by Computation: Challenges & Opportunities.
- Prof V. Nagaraja from the Indian Institute of Science, Bangalore, described some of his lab efforts in understanding drug-resistant strains of Mycobacterium tuberculosis (Bacteria which develop tuberculosis) and he explained the pathogen biology to develop inhibitors targeted to counter it.

These presentations were very insightful. This exploratory and encouraging visit was very helpful and will result in deeper association and cooperation for exchanging the S&T international relations with ILM, Lyon in the near future.

Key Interactions during this quarter

- CEFIPRA had significant interactions with various high officials from France & India at the Networking meeting at Alliance Française de Delhi.
- Dr. Luc Martin, Senior R&D Adviser of Naval Group & Dr. Didier Raboisson of IFI, French Embassy visited CEFIPRA office and had fruitful discussion on Indo-French collaboration in ST&I.
- CEFIPRA organised a meeting & had successful discussions with Mr. Sanjay Leekha, Chairman and Mr. R. Selvam, ED, Council for Leather Exports (CLE) along with Dr. Benoit Gauthier & Ms. Akriti of Economy Department of French Embassy for deeper involvement of CEFIPRA in the industrial sector with CLE.
- CEFIPRA actively participated and showcase its activities in the session dedicated to Research during the Indo-French Campus workshop for Health organised by IFI, French Embassy in New Delhi. Director, CEFIPRA made presentation on Healthcare. It also gave an opportunity to exchange the fruitful discussions with delegation of representatives of French universities as well as representatives of Indian higher education institutions & also with eminent scientists and researchers from France & India.
- Director CEFIPRA had a visit to the lustrous green campus of Indian Institute of Plantation Management Bangalore (IIPMB) and discussed the various activities with Prof. Rakesh Mohan Joshi, Director, IIPMB & future collaboration between IIPM-CEFIPRA.
- The meeting for the final Selection of candidates for award of Raman-Charpak Fellowship (RCF) 2022 under a programme implemented by CEFIPRA was held at the premises of CEFIPRA, where eminent experts from India and France deliberated their expertise for finalization of candidates.
- Meeting with officials of Airbus & DST held at CEFIPRA for taking forward the DST/CEFIPRA-Airbus collaboration.

Activities/Glimpses

Bonjour India, 2022



Director, CEFIPRA had a privilege to meet H.E. Mr. Emmanuel Lenain, Ambassador of France to India at India Habitat Centre during the opening ceremony of the 4th edition of Bonjour India 'Science Beyond Borders' : Connecting to the dots between India and France. The event was inaugurated by Mr. Lenain and he termed the festival "a gift from France to the people of India" when the India celebrates the 75th anniversary of its Independence. It was also mark 75 years of establishment of diplomatic relations between the two nations.

Yoga Day Celebration at CEFIPRA

On the occasion of '8th International Yoga Day' on 21st June, 2022, under the theme Yoga for Humanity, CEFIPRA organized a Yoga Session at its premises under supervision of Dr. Deepanjali Sharma, Physiotherapist and yoga instructor, Sita Ram Bhartia Institute of Science and Research.

Prof. Nitin Seth, Director, CEFIPRA, Dr. Rajiv Kumar, Scientist 'E' International Division, DST and CEFIPRA team attended the session and performed different Asanas during the event.



French National Day - 2022

To mark the celebrations on French National Day, 2022 (Bastille Day), the reception was hosted by H.E. Mr. Emmanuel Lenain, Ambassador of France in India on 14 July, 2022 at his residence in New Delhi. He accorded warm welcome to all the guests. Prof. Nitin Seth, Director, CEFIPRA also attended the reception and had an honour to meet H.E. on this occasion.

Visit to ENS Lyon

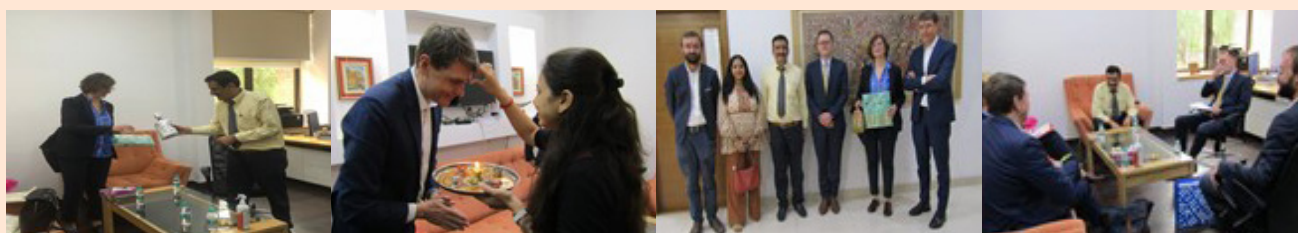


After attending 68th SC Meeting of CEFIPRA at Avignon, two Indian SC Members Prof. Tanusri Saha-Dasgupta and Prof. V. Nagaaraja along with representative of IFI, French Embassy Dr. Didier Raboisson & CEFIPRA representative Dr. Payal Prakash visited Ecole Normal Superieur (ENS), Lyon and had a fruitful interaction with French SC Member Prof. Isabelle Daniel and other scientific team.



Visit of French Delegation at CEFIPRA

Mme. Audrène Eloit, Chef du pôle des partenariats universitaires et scientifiques Asie/Europe/Amérique Nord, MEAE accompanied with Mr. Emmanuel Lebrun-Damiens, Dr. Didier Raboisson and Mr Baptist Fondin of IFI had visited CEFIPRA on 28th June, 2022.



Appreciations



Thank you very much for your kind welcome and more importantly to the dedication and dynamism you bring to improving CEFIPRA. I look forward to future meetings to witness the breadth and depth of future changes.

– **Mme. Audrène Eloit**
French Foreign Affair Ministry
Paris



A pleasure to be back and see all the improvements.

– **Mr. Emmanuel Lebrun-Damiens**
IFI & French Embassy
New Delhi



First Financial Committee of a new era for CEFIPRA, Congratulations.

– **Dr. Nicolas Gherardi**
IFI & French Embassy
New Delhi



Well maintained premises, work must keep up with the quality of the premises. Pleasure as always.

– **Shri Vishvajit Sahay**
AS & FA, DST
New Delhi



I am very happy to be associated with CEFIPRA. Good to see with the new Director and after covid lot of activities started. India and France both are strong democracies and hence S&T collaboration can take place in all disciplines and lead to mutual exchange of significant growth of two countries. Jai Hind!

– **Prof. Ashok Ganguli**
IIT Delhi
New Delhi



Very interesting meeting with a very enthusiastic staff. Bahut dhanyavad!

– **Mr. Baptiste Fondin**
IFI & French Embassy
New Delhi

CEFIPRA is proud to announce that **Prof. Shakeel Ahmed**, top Water Researcher is Principal Investigator (PI) of one of the high caliber research projects of CEFIPRA,

Future Events / Upcoming call for projects

- 7th Annual Lecture Series will be delivered by Prof. Sylviane MULLER Sr. Scientist & Immunologist - CNRS, France during Oct, 2022.
- 69th Scientific Council Meeting in India during 9-11 November, 2022.
- CEFIPRA is organising various meetings/interactions/lectures by Eminent Scientists / Nobel Laureates of France in India in the coming months.
- Launch of High Impact Research Network Programme
 - i) **One Health** & ii) **Data Science**.
- Launch of Indo-French Programme for Women in Science (PROWIS).
- Launch of CEFIPRA Water Research Programme - Call for Project Proposals.
- Launch of CEFIPRA Water Research Programme - Call for Seminars / Workshops / Training Schools.
- Call for Industry-Academia Research & Development Programme (IARDP) of CEFIPRA.

For details, please refer to www.cefipra.org

Programmes offered by CEFIPRA

DST-Inria-Targeted Programme

Areas of collaboration

The Project proposal will be supported in the following scientific areas:

- Artificial Intelligence
- Cybersecurity
- Signal Processing

Eligibility

Applicants from both countries must fulfil the following requirements:

On the Indian side: Applicants must be holding a permanent position as scientists/ Faculty members in universities/ deemed universities, academic institutes & national research and development laboratories/ institutes.

On the French side: Please visit website of INRIA for more details.

- Deadline for Submitting proposals: **15 October, 2022**
- Visit Web-site www.cefipra.org for detailed information.

IFCPAR/CEFIPRA Water Research Programme- Call for Project Proposals

CEFIPRA supports high quality research groups through collaborative projects in advanced areas of water research:

Eligibility

Principal Collaborators and Joint Collaborators (Indian & French) should have permanent position in an Indian or French University/R&D Institution. They should meet national level eligibility criteria with respect to the operation of grants and age of retirement. ORCID/ Researcher ID is mandatory for submission of proposal under the programme.

Supported areas for collaboration (Not Restricted)

- Water management technologies, Water purification, Drinking water, Waste water management, Any other area related to water research.

Funding Support

- Manpower, Recurring expenses: Consumables, Local travel, Contingencies, International Travel (For both PI, Co-PIs, students, etc.), Equipment (only for Indian Collaborators-upto 10% of proposed budget), Overhead for participating institutes as per CEFIPRA norms.

Timeline

Please refer to CEFIPRA's official website www.cefipra.org

Industry Academia Research Development Programme (IARDP)

CEFIPRA supports Industry centric collaborative research projects in a framework (2+2 Model) under IARDP. It has worked as an enabling platform for the organizations in India & France to realize their potential in terms of product and process development. It has facilitated innovation, risk taking for Industries and also bringing the private industry, public institutions and the government under one roof to promote the research and innovation between India & France. The projects supported under the programme have resulted in prominent outcomes in the form of some products which have already come to the market and some promising research leads seeing ray of hope for commercialization.

Eligibility Criteria

- **Industry Collaborator:** The Company or SME should have well established in-house R&D unit with a good track record of R&D achievements. They should be registered and operational for at least last three years. If a start-up is incubating in a recognized Technology Business Incubator/cluster may be exempted from the criteria of 3 years.
- **Academic Collaborator:** Permanent Position in an Indian or French university / R&D institution

Financial Support

For Indian/French institute collaborator

- Manpower Head (JRF/RA/Post Doc in Indian side as per DST rate)-and PhD/Post Doc and Master Student in French side(Maximum 60,000 euro)
- Travel (Encouraging students travel & budget is as per CEFIPRA rate)

For Indian/French small Industry (SME, MSME, Startup) collaborator

- Travel (As per CEFIPRA rate)

Timeline

Please refer to CEFIPRA's official website www.cefipra.org

Launching a new programme

Indo-French Postdoctoral Fellowship Programme for Women in Science (PROWIS)

Indo-French Programme for Women in Science (PROWIS) is dedicated to the young women scientists of both India and France. This programme will encourage women candidates to work with the Indian/French scientific communities with an aim to accelerate their talented instincts towards carrying out advanced studies and research in the frontier areas of S&T.

CALL FOR PROPOSALS

Under CSRP- Thematic Research

(Deadline for submission of Proposals: 30th November 2022)

CEFIPRA considers and supports research groups through high quality collaborative research projects in advanced areas of basic and applied science to nurture scientific competency in India and France. For upcoming cycle the thematic research specifically aims contributing to solving important societal challenges.

Eligibility to apply

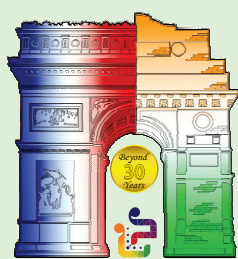
Principal collaborators and joint collaborators (Indian & French) should have permanent position in an Indian or French University/R&D Institution. They should meet national level eligibility criteria with respect to the operation of grants and age of retirement. ORCID/Researcher ID is mandatory for submission of proposal.

Funding support

- Manpower: JRF/SRF/RA/Project Assistant (Indian side)
- PhD/Post-Doc/Masters (French side)
- Recurring Expenses: Consumables, Local travel, Contingencies
- International Travel (for both PI, Co-PIs, Students, etc)
- Equipment (Only for Indian PIs upto 10% of proposed Budget)
- The total project budget must be within Euros 200.000
- Overhead for participating institutes as per CEFIPRA's norms

Thematic Areas are:

- Sustainability Management of Health, Water, Agriculture or Environment (this includes pollution, food safety and sovereignty, climate change, agro ecological farming)
- Clean Energy (zero carbon energy solutions)
- Marine Science and Ecological Science (this includes biodiversity)
- Quantum Technology (material, computing ...)
- Applied AI and Big Data



CEFIPRA
Indo-French Centre for the
Promotion of Advanced Research
Centre Franco-Indien pour la
Promotion de la Recherche Avancée

Indo-French Centre for the Promotion of Advanced Research/Centre Franco Indien pour la Promotion de la Recherche Avancée (IFCPAR/CEFIPRA) is a model for international collaborative research in advanced areas of Science & Technology. The Centre was established in 1987 being supported by Department of Science & Technology, Government of India and the Ministry for Europe & Foreign Affairs, Government of France.

Reach us at:

**Indo-French Centre for the Promotion of Advanced Research (IFCPAR)/
Centre Franco-Indien pour la Promotion de la Recherche Avancée (CEFIPRA)**

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Tel: 011 2468 2251 & 2468 2252; contact.ifcpar@cefipra.org; www.cefipra.org

