Membership Application Form

Note: This application is for the membership of the India Members' Council (IMC) of SICI.

Section 1 elicits information of a general nature in which we try to understand your institution's strength and how it can contribute to a greater bi-national understanding of India and Canada.

Section 2 seeks additional information about your institution's reputation, especially from private institutions

SECTION 1

Part A

1.	Name of institution:	Indian Institute of Technology, Palakkad
2.	Year of establishment as an autonomous institution	2015
	[In order to qualify for membership, private institutions must have been in existence for a minimum of 10 years.]	
3.	Name(s) of representative(s) of the institution who will engage with SICI and their address	Dr. Santha Kumar Mohan Associate Professor, Mechanical Engineering Dean, Industry Collaboration and Sponsored Research Faculty in Charge - International Relations Indian Institute of Technology (IIT) Palakkad
4	Accreditor and accreditation letter grade (NIRF & NAAC)	Will be submitting documents in 2022
5	General profile of the institution (in not more than 400 words)	**Indian Institute of Technology Palakkad** (IIT Palakkad or IIT PKD) is a public autonomous engineering and research institute located in Palakkad, Kerala. It is one of the five newIITs that were proposed in the2014 Union budget of India. Established in 2015, IIT Palakkad is dedicated to creating an environment that enables students and faculty to engage in the pursuit of knowledge, to dream, think and innovate thereby becoming change agents for a better world. Beginning with a student strength of 120 in July 2015, IIT Palakkad has now grown into an establishment which is more than1000 students strong and with the best of manpower in its key positions. IIT Palakkad aims to become a multi-disciplinary institution with 5000 students in 10 years. IIT Palakkad recognizes collective growth, in collaboration with industry and other academic institutions, as the need of the hour and emphasizes blue-sky research and directed research as two essential pillars of technology development.

6	Strength of the institution/university (not more than 5 points)	I. One of the new generations IITs committed to being a multi-disciplinary research Institute since its inception. The Institute has state of the art centers and facilities for research and development in areas like data science, computational imaging, high performance computing, micro-nano fabrication, materials and manufacturing, and instrumentation II. The Technology Innovation Foundation, launched in 2021, is the innovation, incubation and Startup vehicle of IIT Palakkad. III. Periodic Industry-Academia Conclaves and a strong emphasis on industry internships represent a few other instances of our commitment to a strong education-industry interface IV. Highly competitive and transparent faculty recruitment processes, and performance linked incentives, attract the best talent with very high-quality research profiles and industry collaborations. IIT PKD has set up an International and Alumni Relations office to engage with foreign Universities and Alumni V. The brand-new and upcoming state-of-the art campus on over 500 acres of land is well-connected to Coimbatore and Cochin International Airports and is situated in a picturesque location in Kerala State.
7	Vision of the institution/university (not more than 5 points):	IIT Palakkad embraces a vision to be a leader in cross-disciplinary inquiries, tapping into the potential offered by bright minds and the demographic dividend of a predominantly young-adult population in India, as surmised by the motto of the institute "Nurturing minds for a better world". To contribute to society through excellence in scientific and technical education and research. To serve as a valuable resource for industry and society.
8	Research mandate of the institution/university (not more than 200 words):	Faculty at IIT Palakkad are engaged in diverse fields of research. The research culture at IIT Palakkad facilitates interdisciplinary research across departments. It aims to provide the best educational infrastructure to impart high-class education in

		science and technology and a creative atmosphere for interdisciplinary research both by students and the faculty. The Institute also aims to provide research and development consultancy, which will foster healthy industry-academia partnerships, thereby providing a competitive edge to indigenous manufacturing. It also wants to contribute to nation-building through various flagship schemes of the Government of India/State Governments requiring technological interventions thereby spurring economic growth and dissemination of appropriate technologies for the welfare of the masses.
9	Names of university/industry partners in India and/or Canada with whom there is major research collaboration (list not more than 3 from the last 5 years)	None
10	List research or teaching collaboration with Canadian institutions (not more than 200 words)	NIDUS, Department of Radiology and Diagnostic Imaging, University of Alberta, Edmonton, Canada AND Center for Computational Imaging, Indian Institute of Technology Palakkad, Kerala, India

Part B

1.	Number of students currently enrolled (undergraduate, postgraduate, postdoctoral)	Undergraduates :657 PG: 295 Researchers: 194
2.	Full-time faculty members currently in the institution	94
3.	Describe why your institution wishes to become a member of SICI (in approximately 300 words)	IIT Palakkad aspires to give international exposure to every student/scholar admitted. According to the Indian National Education Policy 2020 (NEP 2020) mandate, every HEI in India has to initiate collaborations and partnerships, which will lead to Joint doctoral and Joint

		supervision programs. IIT PKD is very keen on developing such a relationship with Canadian universities. We wish to become a member of SICI and enable IITPKD to build a sustainable relationship with Canadian universities and research organisations. We believe institutional tie-ups andfaculty collaborations in Canada can be facilitated with the help of SICI.
4	Describe how your institution will contribute to the promotion of India-Canada collaboration and understanding (in approx. 150 words)	IITPKD is very keen to initiate collaboration with Canadian Universities. We would like to promote collaborative engagements between IITPKD faculty and Canadian university faculty by conducting research workshops which may lead to Joint publications, Joint Supervision and Joint Doctoral programs. The NEP of India also encourages Twinning programs with foreign Universities.
5	Number of support personnel in the institution	The institute has 65 non-teaching staffs/support personnel
6	Major source of institutional funding (e.g., central government, state government, or private corporation)	Central Government

Part C

Any additional information you wish to provide in support of your application:
IIT Palakkad's Thrust areas of research • Health & Biomedical Science & Engineering • Manufacturing & Materials • Water Resources and Hydrology • Geotechnical Engineering • Ecology and Sustainability • Agricultural Engineering and Food Science • Data Science and Artificial Intelligence • Cyber Physical Systems • Cyber Security

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SECTION 2

Indicate your institution's ranking in the recent list of National Institutional Ranking Framework (NIRF), issued by MHRD, Government of India <u>and</u> the year IIT Palakkad will be participating for NIRF in 2022	
Number of ranking surveys in which your institution's name was identified; in the last 5 years (provide details)	IIT Palakkad started functioning in 2015 and has not participated in any ranking surveys so far.
Please enclose certified copies of NIRF & NAAC ranking(s) to support the above.	

Date: 08/09/2021

Signature of Vice-Chancellor/Director

Prof. P. B. Sunil Kumar
Director
Indian Institute of Technology Palakkad

For Office Use :

Recommendation of EC with remarks, if any: