	 COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001 =	GAS TURBINE RESEARCH ESTABLISHMENT Research & Development Organisation Ministry of Defence Post Box No. 9302, C.V. Raman Nagar Bangalore – 560 093, INDIA
TEL (OFF): 91 – 080 – 2504 0071 91 – 080 – 2524 1531		Our Ref: GTRE / GATET / IITD / 14 / 01
FAX : 91 – 080 – 2524 1507		Date: 01 – 03 – 14

To:

Prof. R.K. Shevgaonkar,
Director, IIT, Delhi.

Dear Sir,

SUB: Request for Participation in a National Initiative on Gas Turbine Technology

I have pleasure in informing you that, since 2009, under the administrative oversight of DRDO Head Quarters, GTRE has been successfully running a National Initiative titled “Multi-centric Gas Turbine Enabling Technologies (GATET)” sanctioned by MOD (Fin/R&D); vide ID No. 1543 / MOD dated 5 Oct 2009. (Copy of the Government Letter Enclosed). The program was originally sanctioned for 5 years and recently, it has been given an extension up to Oct 2017.

The aim and scope of activities of GATET initiative is to establish an empowered body to provide impetus to various academic and other research institutions including industry in the country in specialized areas of advanced and futuristic gas turbine engines technology. It encompasses all aspects of research & Technology developments related to

- (1) Fan & Compressor
- (2) Combustor, Afterburner and Nozzle
- (3) Turbine//Heat Transfer
- (4) Engine Mathematical Model, Simulation, Controls and System Engineering
- (5) Sensors and Measurement Devices
- (6) Unsteady CFD / Structure Interaction & Mechanical Aspects of Turbo-machinery etc,

with an objective to nurture work centres teamed with specialists focusing on critical technology development which will benefit future aero-engines development in the country

in the coming years. GATET also proposes to stimulate enhancement of skilled human resources in gas turbine engines field.

To facilitate the organization and functioning of this Initiative a three tier Management structure has been constituted and approved by competent authority:

- (1) **Apex Body (A Policy Making Body)** chaired by Dr. K. Tamilmani, Director General (Aeronautics), DRDO.
- (2) **Executive Board** chaired by Dr. K.V.L. Rao, Technical Adviser, DG - ADA. (Charter - Finalization of road map, identification, review and sanction of projects, overall financial and program management of Gas Turbine Enabling Technologies initiative and shall report to APEX Body-GATET)
- (3) **Project Review Committees** chaired by Dr. S. Kishore Kumar, Programme Director - GATET, Associate Director, GTRE (Charter - Execute the technical parts of the programme & Project Monitoring and shall report to Executive Board)

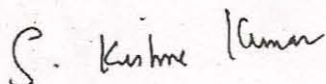
In this regard, I request your esteemed institute's participation in the initiative. I am attaching herewith the list of topics under which we are looking for research proposals. I request you to kindly disseminate this information to the relevant and enthusiastic faculty of your institute who can kindly contact the undersigned for further information and for any clarifications on the initiative.

I look forward for a favourable response from your end.

Kindly acknowledge the receipt of this letter.

Thanking you,

Yours sincerely



Dr. S. Kishore Kumar

Program Director, GATET

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