

## **About KGYAT**

KGYAT is a part of the larger – RVCR deep tech innovation – structure.

### **RVCR TECHNOLOGY - THE UNIFIED SOLUTION FOR A GREENER PLANET**

We bring you a new paradigms in energy conversion – the RVCR concept. Our objective is to develop system based on RVCR for applications in the transport and energy sector and Industrial utilities. KGYAT is a platform (under the GYATK umbrella) for realising the complete potential of the RVCR Technology.

Our R&D operations generate technological knowhow which we further customize for application specific needs. The IPR management of these new RVCR based technologies is dealt by GYATK. We package IPR and technology integration expertise to offer RVCR system-based products to clients (OEM's and Industry players) for commercialization. We structure the numerous downstream industry applications of RVCR technology with SPV's (Special purpose vehicles) under subdomains of KGYAT to segregate every 'sub-application'. We currently are operating two KGYAT subdomains and plan to start new ones as we go.

#### **Current Project Subdomains**

- The 1st project is to develop green fuel I.C.Engines under the KGYAT R-VCR I.C. Engine subdomain. We had entered into a license agreement with an auto-major for limited applications. We shifted this project base to Europe where it was selected for grant funding by the Horizon 2020 program under its SME support scheme.
- The 2nd project is to develop RVCR wind motors for Wind Energy Power generation application in the renewable energy sector. This project is selected by GEP, (Global Entrepreneurship program) of UK dept of International Trade. The project was stalled during covid pandemic and is currently being revived.
- We have planned other project are covered under subdomains of KGYAT and will be made public in due course.

#### **Vision**

- To provide new game-changing technologies based on RVCR concept for 'primemovers and specialized fluid handling system' applications.
- To be the 1st choice for engineering innovation services, for the Transport and energy sector OEMs and industry in general.
- To be the leaders in defining newer standards in energy efficiency, performance, and functionalities, in primemovers and motors for transport and energy sectors

#### **Mission**

- We strive to inculcate best standards in engineering design and continually enhance technology development capabilities for; delivering newer systems based on RVCR concept; providing improvised solutions and undertake deep tech innovations needs of industry.