

### Minutes of the 5th Hub Governing Body Meeting

Date: 22/12/2023

Time: 3:00 -4:00 pm

Venue: In Hybrid Mode at IIT Palakkad

**Members:**

1. Prof. Sheshadri Sekar, Director, IIT Palakkad (Chairman)
2. Dr. Ekta Kapoor, Mission Director, NM-ICPS
3. Mr. Rohit Kumar, Deputy Secretary-IFD, DST, Govt of India
4. Prof. P B Sunil Kumar, Professor, IIT Madras
5. Mr. M.S. Unnikrishnan, CEO, IITB-Monash Research Academy
6. Mr. A. G. Karunakaran, Founder MulticoreWare
7. Mr. Haragopal Mangipudi, Founder guNak & Adjunct Professor, IIT Palakkad
8. Prof. Asokan Thondiyath, Professor, IIT Madras
9. Prof. Ramkrishna Pasumarthi, Associate Professor, IIT Madras
10. Prof. Abhishek, Associate Professor, IIT Kanpur
11. Prof. Santhakumar Mohan, Dean IC & SR, IIT Palakkad
12. Dr. Vijay Muralidharan, Assistant Professor, IIT Palakkad
13. Dr. Albert Sunny, Assistant Professor, IIT Palakkad

**Invitee:**

1. Dr. Saishyam Narayanan, Chief Operating Officer, IIT Palakkad Technology IHub Foundation

The following members attended the meeting.

1. Prof. Sheshadri Sekar
2. Dr. Ekta Kapoor
3. Mr. Rohit Kumar
4. Prof. Abhishek.
5. Prof. Ashokan..
6. Mr. M.S. Unnikrishnan.
7. Prof. Santha Kumar Mohan.
8. Dr. Albert Sunny.
9. Dr. Vijay Muralidharan.

**Agenda:**

1. Updates from IPTIF since 4th HGB meeting



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2. Plan for next 3 months and way Forward
3. Any Other Business

## Minutes:

Prof A Seshadri Sekhar, Chairman HGB, IPTIF and Director, IIT Palakkad welcomed the members to the meeting and gave his opening remarks on the agenda and overall status of IPTIF.

Prof Sekhar invited Dr.Saishyam Narayanan, COO, IPTIF to present the updates of IPTIF activities since the last meeting.

The highlights of the presentation are follows:

- IPTIF has received Rs.22.25 Cr grand till date.
- Under technology development vertical, IPTIF has supported 13 technology Development projects leading to 10+ matured prototypes, 6+ Patents, 35+ publications and 50+ trained engineers
- Under entrepreneurship vertical, IPTIF has concluded Oorja Grant Challenge, NEN Liftoff, Samarth Mahautsav and a Startup Rendezvous event.
- Till date supported 10 Startups and 8 Entrepreneurs in Residence (EIRs) under Entrepreneurship vertical
- In the FY 2023-24, IPTIF got an Investment Policy and Process approved for Startup investments
- IPTIF has launched a Nation-wide call for proposal, IMPACT, seeking technology development proposals in the area of ICS, Energy, Safety and other domains from academia, startups, SMEs, covering the PRAYAS, CPS-SEED and CPS-DIAL programs of NM-ICPS
- Following the investment process, IPTIF has finalized the first set of 11 Startups and 10 R&D projects from the received applications for funding support.
- Under the Skill Development vertical, 34+ Upskill Programs (workshops, webinars, trainings), 23 Doctoral Fellows, 54+ Agni UG Fellowship, Centres, 2000+ Human Resources Trained, 3 Chair Professors, 1 Faculty fellow, 10+ postdoc fellows.
- Under partnerships and collaborations, IPTIF onboarded 42 academic institutions in the region as iTREND centers for R&D, Skilling and Entrepreneurship.



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- Two major collaborations in the year are with BOSCH Automotives Electronics India Pvt Ltd and Swinburne University of Technology, Australia for the collaborative R&D activities.
- Current financial standings of the company and utilization plan for the grant received under recurring and non-recurring heads were presented
- Brief plan of action for the next 3 months including Startup investments, R&D projects, Filing more IPs from supported projects, Selection of new UG, PG Fellows and EIRs, setting up the Motion Capture Lab and Battery testing facility, Connecting with the line ministries were presented
- Strategies for Job Creation and Revenue generation were presented for suggestion and guidance from the members

## Suggestions & Recommendations

- The board members appreciated the overall progress of the IPTIF activities.
- The board specifically appreciated the process streamlined for startup investments and suggested to go for equity investments wherever possible
- Job creation should be done majorly through the startups. Both direct and indirect job creations should be mapped by IPTIF.
- IPTIF should also track the man months for the jobs created through outsourced works
- Following revenue streams could be worked out
  - *Revenue generation from startups can take time. Enable short term consultancy research project from Industry with 20% overheads.*
  - *Industry apprentice training in relevant areas can be initiated with a tie-up with few industries.*
  - *Focus on supporting industry projects in the Coimbatore area which is a manufacturing and assembly hub. Start with smaller consultancy projects involving IIT Palakkad professors and industries.*
  - *Revenue can come from both R&D projects and upskilling from Industries*
  - *IPTIF should also onboarding retired Industry professionals who will be ready to conduct such training under IPTIF brand.*
  - *Create Industry-relevant training modules on 2-3 verticals on latest topics of interest. Cyber security is one such area which number of companies are showing interest*
  - *IPTIF's existing and upcoming facilities such as Fab Lab, Motion Capture Facility, Battery testing facility and EMI/EMC testing facilities should be*



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*developed as a major source of revenue. Create a business plan around this facilities to operationalize them*

- *Identify potential customer segments early and connect with the potential customers for these facilities.*
- Startups with technologies at higher TRLs should be encouraged and given a platform to present to investors and accelerate their commercialization.
- HGB meeting should be held once every quarter to update the progress on

Meeting ended with the Chairman thanking the members for all the suggestions and recommendations

*A. Seshadri Sekhar*

**Prof A Seshadri Sekhar**

**(Chairman, HGB, IPTIF & Director, IIT Palakkad)**

**Chairman**

**IIT Palakkad Technology IHUB Foundation (IPTIF)**

**Kanjikode, Palakkad - 678623**

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