

Minutes of the meeting held on July 2, 2018
First Project Review Meeting
DHI Centre of Excellence in Advanced Manufacturing Technology
IIT Kharagpur

The following members were present in the meeting:

1. Director, IIT Kharagpur
2. Dean (SRIC), IIT Kharagpur

3. Mr Sanjay Chavre, SDO, DHI

4. Prof S B Singh, Dept of Metallurgy and Materials Engg
5. Prof G G Roy, Associate Dean, SRIC
6. Prof S K Pal, PIC, CoE
7. Prof S Deb, Dept of Mechanical Engg
8. Prof P Saha, Dept of Mechanical Engg
9. Prof M K Tiwari, Dept of Industrial Systems Engg

10. Dr A K Dash, HEC Ranchi
11. Mr M K Singh, Tata Steel
12. Mr Sanjeev Rastogi, BHEL
13. Mr Avinash Patil, BHEL
14. Dr Purnendu Sinha, Tata Sons
15. Mr Kamesh Gupta, Tata Sons
16. Mr Asif Sumair, TCS

17. Prof Debalay Chakraborty, Dept of Metallurgy and Materials Engg
18. Prof Sujoy Kar, Dept of Metallurgy and Materials Engg
19. Prof A K Nath, Dept of Mechanical Engg
20. Prof S Misra, Computer and Science Engg Dept.
21. Prof B Mohanty, Dept of Industrial Systems Engg
22. Prof S P Sarmah, Dept of Industrial Systems Engg
23. Prof Akhilesh Kumar, Dept of Industrial Systems Engg
24. Prof Sri Krishna Kumar, Dept of Industrial Systems Engg

25. Mr Sumit Biswas, Dy Registrar, SRIC

26. Mr Shripadraj Ponkshe, on SKYPE, Tata Motors

27. Mr Pallav Chatterjee on SKYPE, Tata Motors

(a) At the very outset, Director, IIT Kharagpur welcomed all the dignitaries present in the meeting. He expressed gratitude to DHI regarding their acceptance on the consortium mode of partnering for the generation of the matching grant of the DHI in this Centre of Excellence (CoE). He also expressed the need of such industry-focused CoE for the MSMEs and the Start-ups in the Eastern zone.

(b) Professor-in-Charge of the DHI CoE in Advanced Manufacturing Technology has a made a presentation of the progress of all the projects of in the last 6 months.

- The centre is supposed to execute eight (8) industry projects with eight (8) partnering industries of the CoE. In all the projects, technical works have got started as per the work modules mentioned in the DPR.
- In these projects, high value research scholarship was proposed in the DPR, and accordingly search is going on. In some of the projects, advertisement has been made for suitable manpower recruitment.
- The Innovation Lab will be housed with a large number of sophisticated but generic equipment. Tendering has been started for a large number of equipment of Innovation Lab in the month of March 2018. Very soon, purchase orders will be placed for those tendered equipment. For the remaining, technical specifications are being chosen with due discussion with the respective partnering industries of the consortium. PIC has also mentioned that because of the requirement of the state-of-the art facility in this Centre of Excellence, getting more than one vendor is difficult in some of the cases.
- PIC has mentioned that two of the partnering industry members i.e., Ramkrishna Forgings Limited, and Ampere Vehicles Private Limited have denied to join the consortium at the last moment. Concerned faculty colleagues mentioned the importance of these two projects and they have also started the technical work as per DPR. It was decided to proceed with the project, and also search for new partnering industries for these two projects, if possible. It has also been suggested to seek approval from the DHI at the earliest. In this regard, IIT Kharagpur will also start discussing with TVS Motors requesting them to be a member of the consortium.

- PIC has mentioned that CoE will be presently housed in the 5th floor, and a part of the ground floor of the CoE / CRR building. It has been mentioned that IIT Kharagpur has already sanctioned Rs 4.5 Cr for a separate shed of the CoE, along with Rs 0.93 Cr for the infrastructural requirement of the present set up.
- (c) PIC proposed that Warwick Manufacturing Group, UK may be inducted as the mentor for the growth the CoE. It has also been mentioned that the brochure of the CoE has been sent to a large number of reputed industry, academia, and research institutes of the country to join the consortium.
- (d) It has also been mentioned by the PIC that the CoE will run the following short-term courses in the coming months.
- 3-day lecture and laboratory demonstration on Advanced Welding Methods such as Friction Stir Welding, Laser Beam Welding, and Electron Beam Welding.
 - 2-day lecture and laboratory demonstration on Additive Manufacturing
 - 1-day brain-storming Session on Industry 4.0.

For all the above mentioned courses, partnering industry members will be requested to take active participation in terms of delivering lectures and organizing laboratory demonstration.

- (e) All the Partnering Industry members are requested to nominate/forward the names of their officials for the formation of the Apex Committee and also for the Project Review Committee.
- (f) PIC has requested the Partnering Industry members to deposit the first installment at the earliest in case it is not yet done.
- (g) The meeting ended with a vote of thanks, and followed by the visit to the CoE building.