

Minutes of 3rd IAB Meeting of Dept. of Metallurgy and Matl. Sc., COEP.

The third meeting of our IAB (Industry Advisory Board) was conducted on **Wednesday, 13th April'2022 from 6.00 to 7.00 pm.**

The meeting was attended by the following hon. members of the board:

Mr. Arjunwadkar, Mr. Ghate, Mr. Lohiya, Mr. Pasricha, Mr. Sabyasachi, Mr. Shah and other IAB members from the department.

Agenda for IAB meeting and the resolution made:

1. Reading and Approval of previous minutes of meeting:

The previous minutes of meeting conducted on 19-06-21 were read by Prof. Butee and approved by the IAB board. The board members suggested that organizations like Siemens, Honeywell, Spencers etc. who put a lot of their earnings into R&D on new products development should be pursued further.

2. Updates on our PG Diploma course:

The revised curriculum of the PG Diploma course renamed as “Materials Technology for Smart Manufacturing: Industry 4.0 perspective” was presented by Prof. Appa. The following was resolved.

- a. The brochure to be sent to all IAB members. Each of the member will disseminate the information to their contacts. Mr. Arjunwadkar, assured of giving it a very wide publicity through his resources.
- b. QMS course is must as the engineers lack this part. There was a difference of opinion on the way it should be taught; as an independent course or engaging two hour sessions weekly during internship/project term.
- c. The board members emphasized on mentioning the foundry tech part in the brochure.
- d. The short content of important subjects should be included in the brochure.

3. Starting of a Training programme (Certificate course) on HPDC:

- a. The Buhler HPDC machine is to be installed at the earliest by COEP.
- b. Both COEP and Alucast will study the syllabus of COEP course and the NADCA course and arrive at common understanding. Mr. Lohiya insisted that by 15th May'22 the content is to be finalized and it should be offered in the new academic term to the UG students as an elective. Also, same course is to be offered in synchronous/ asynchronous mode as “Certificate course in HPDC” with inclusion of practicals from next academic term.
- c. The brochure and syllabus of “Certificate course in HPDC” is to be shared with the IAB and Alucast.

4. Plan of our new Foundry and Forge technology center in our upcoming Chikali campus

- a. It was suggested to start a second PG Dip. Course for the industrial professionals. The course is to be conducted at Chikali campus with NIFFT-COEP collaboration.
- b. Provision for much bigger space is to be made right now keeping in view the future expansion.
- c. There were both views; in favor and against such a center. Customized product makers like Trinity require their OEM approval. They will not come to us for developing new prototypes. New product developing forgers like Bharat Forge will require such set-up and they will appreciate such development.

5. R&D under CSR (COEP-Inductotherm model)

- a. The model was explained by Prof. Butee.
- b. The another ongoing model between COEP alumni association and Jaya Hind on sponsoring MTech students project on live industrial problem was explained by Mr. Shah. Mr. Ghate and Mr. Pasricha wants a presentation on this for presenting it to their management and seeking approval. Same is to be taken to other industries for seeking their funding. All relevant documents are to be provided to the industry.
- c. Mr. Sabyasachi also showed willingness to conduct research on certain projects in collaboration with COEP.

6. Summary of the discussed points and vote of thanks.

Prof. Butee, summarized the discussion that took place and summarized the highlights of the meeting. It was concluded with a vote of thanks to the IAB members and dept. faculty.

(Prof. S.P. Butee)

Chairman, IAB.