

## Minutes of Online Meeting: First IAB meeting, 5-12-2020 at 4:10 pm -5:47 pm

**Attendees:** BBL, RS, SR, DG, AP, SA, SPB, NBD, STV, MR, SBS, VP

### Points discussed:

1. Introduction of the committee members:

Sr. No.	Name	Affiliation
1	S. P. Butee, Chairman	Dept. of Metallurgy and M.S., College of Engg. Pune-411005
2	Sham H. Arjunwadkar	NIFFT, Ranchi. Khunti Road, NIFFT Colony, Hatia, Ranchi, Jharkhand 834003
3	Deepak Ghate	Mahindra CIE Automotive Ltd (Foundry Division), Gat No 315 , At Urse Taluka – Maval Dist Pune 410506
4	B.B. Lohiya	Compax Industrial Systems Pvt. Ltd. S-112/10, MIDC, Bhosari, Pune 411026
5	Asheet Pasricha	Trinity Engineers Pvt. Ltd., 1D, Late Dhodiba Detter Patil Marg, MIDC, Chinchwad, Pimpri-Chinchwad, Maharashtra 411019.
6	Sabyasachi Roy	ANTS Ceramics Pvt. Ltd, ANTS Innovations Pvt Ltd, UnitNo-1, Jivdhani Industrial Estate, Vasai
7	R V Shah	Jaya Hind Industries Ltd. Akurdi, Pune-411035, INDIA
8	N.B. Dhokey	Dept. of Metallurgy and M.S., College of Engg. Pune-411005
9	M.J. Rathod	Dept. of Metallurgy and M.S., College of Engg. Pune-411005
10	S.T. Vagge	Dept. of Metallurgy and M.S., College of Engg. Pune-411005
11	S.B. Sarkar	Dept. of Metallurgy and M.S., College of Engg. Pune-411005
12	Madhu Ranjan	Dept. of Metallurgy and M.S., College of Engg. Pune-411005
13	Vaishali Poddar	Dept. of Metallurgy and M.S., College of Engg. Pune-411005

2. **Introduction to the Dept.** of Metallurgy and Materials Science: Vision, Mission, Dept. journey since 1948, Students (BTech, MTech, PhD) information, Faculty information and their specializations, sponsored R and D projects, consultancy projects, publications, Dept. **expectations from industry.**
3. **MoUs** signed are mostly in non-ferrous areas and so it is important to find out industries in cast iron area or other areas wherein we can have MoUs.
4. There is a strong need to **bridge the gap** between academic knowledge and industry challenges. The paradigm of students with respect to small and medium scale industries need to be made positive because therein more learning opportunities are present.
5. Students to be motivated to be **an entrepreneur** in materials field. This will reduce the import of many of the materials and will add to the thinking of "Atmanirbhar Bharat".
6. Student need to be **industry ready**: To make the student industry ready, the time period for training should be reduced to few months. For this, information about manufacturing equipment to carry out the process has to be provided to the students through the syllabus. We

can think of a subject dedicated to “Manufacturing Equipment” which can be catered by outside faculty.

7. Quality related training to the students: They should be able to understand the standards (symbols) that are used in the industry. The knowledge of the various **quality systems** (6 sigma, Kaizen, QS tools, SPC, ISO, FMEA) that has evolved over a period need to be taught to the students.
8. MTech students are performing well on the **industry sponsored project**. One step ahead interactions can be made with Jaya Hind Industries Ltd. Akurdi, Pune.
9. New workshop construction status was communicated. Few more equipments are expected from ALUCAST, the discussion on which will be carried forward in another meeting.
10. Internship, BTech projects, student training, experts talk can be arranged by ANTS Ceramics Pvt. Ltd, ANTS Innovations Pvt Ltd, Vasai.
11. **Industry problem can be properly formulated** to a project model which can work for both COEP and Mahindra CIE Automotive Ltd (Foundry Division), Pune.
12. The strengths of the group need to be communicated to the industry community in a more dynamic way. **Providing testing of materials, certification of materials** will get the industry to our premises where we can gradually discuss some more avenues for collaboration with them.
13. Faculty need to be assigned to a particular field of Metallurgy and Materials Science which will assist in **targeting the specific industries** to increase the industry-academia interaction.
14. **Compax Industrial Systems Pvt. Ltd. Pune** can help us reach industries related to foundry and forging at the initial stages.
15. Further exploration in