

Mechanical Engineering Department

NK Orchid College of Engineering and Technology Solapur

Change in Curriculum

Industry Experts involved in Syllabus Development in DBATU BOS Meetings

The screenshot shows a Gmail interface with a dark wood-grain background. On the left is a navigation sidebar with categories like Mail, Chat, Spaces, and Meet. The main area displays an email from Neeraj Agrawal to Adosh Varekat. The email content discusses the curriculum review process for B. Tech. Mech/Prod/Automobile and requests feedback from industry experts. It includes a confidentiality warning and a virus warning. At the bottom, there are 3 attachments and an 'Activate Windows' watermark.

Mail | Search all conversations | Active | 1 of 28,849

Mail

- Inbox 17,066
- Starred
- Snoozed
- Sent
- Drafts 542
- Boxbe Waiting List 40
- Migrated/Archived
- Migrated/Importa... 164
- More

Chat | No spaces yet | Create or find a space

Spaces

Meet

With Regards
Adosh Thomas Varekat (Thomas)
Mobile: +91-9082619514

From: Neeraj Agrawal <neerajagrawal@dbatu.ac.in>
Sent: Sunday, May 17, 2020 9:30 AM
To: Adosh Varekat <Adosh.Varekat@nil.com>
Subject: [External]Your valuable feedback

The e-mail below is from an external source. Please do not open attachments or click links from an unknown or suspicious origin.

Dear Adosh,
Greetings!

Hope you are safe, healthy and relatively comfortable in this unprecedented situation.

At all levels we all are trying our level best to control the situation and bring back the normalcy. However, life should go on and the activities should continue.

One of the important activities of an academic institution to frame the curriculum taking into account the concerns of all the stakeholders; students, society, faculty and industries.

We are in a process to revise our UG B. Tech. Mech/Prod/Automobile curriculum.
It is very vital to get the feedback/suggestions from the industry to make the proposed curriculum meaningful, updated and as per the industry demand to make our students industry ready.

Being a very senior alumni of this University with a solid industry experience and also one of the recruiters of our University, your suggestions and feedback definitely will give a lot of value addition to the curriculum.

I am herewith sharing the proposed curriculum of our B. Tech. Syllabi for your ready reference.

A sincere request to put forth your valuable suggestions.

If possible you can also share with Nilesch to get the feedback.

Thanking you

Dr. Neeraj Agrawal

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential and may be privileged. If you are not the intended recipient, you are hereby notified that any review, re-transmission, conversion to hard copy, copying, circulation or other use of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return email and delete this message and any attachments from your system.

Virus Warning: Although the company has taken reasonable precautions to ensure no viruses are present in this email. The company cannot accept responsibility for any loss or damage arising from the use of this email or attachment."

3 Attachments

Activate Windows

Minutes of the Meeting

Board of Studies in Mechanical/Mechanical-Sandwich/Production/Automobile Engineering

Date: 1.9.2021

A meeting of BoS in Mechanical Engineering was held on September 1, 2021 at 3.00 pm in online mode with the following agenda points:

1. Review of the syllabus of the new proposed PG programme in Automation & Robotics by one of the affiliated colleges CSMSS Chh. Shahu College of Engineering, Aurangabad.
2. Review and revision of the existing UG syllabus implemented from 2020
3. Any other point

Following members attended the meeting:

1. Dr. Neeraj Agrawal – Chairman
2. Dr. Sanjeev Suryavanshi – Member
3. Dr. Dilip Pangavhane – Member
4. Dr. Dadasaheb Shendage – Member
5. Dr. V. G. Sargade – Member Secretary

Following member could not attend the meeting:

1. Dr. A. Kumaraswamy - Member
2. Dr. Rahul Barjibhe – Member
3. Dr. P. B. Maheshwary – Member
4. Dr. R. D. Patil – Member

Following points were discussed and recommendations were made:

1. Review of the syllabus of the new proposed PG programme in Automation & Robotics

- The present scheme of the proposed syllabus is not in-line with the University PG syllabus scheme and it was recommended that the structure of the proposed syllabus should be in-line with the University PG structure with respect to No. of core subjects, Electives, Open Electives, Labs, contact hours, tutorials and credits for each course etc.
- Elective V in semester II should be replaced by an open elective with one of the courses as Research Methodology.
- There should be provision of Mini Project in the semester II instead of Robotics & Simulation Lab which can be merged with the Automation Engineering Lab in Semester I with appropriate title and list of practicals.
- List of electives should be separate for the elective III and IV.

- Subjects should not be at introductory level as an elective at the PG level. In view of this it was recommended that contents of the enlisted subjects in Elective I should be merged with the core subject Mechatronics. Further, it is felt that some amount of fundamentals of Chemical Engineering should also be taught to the students in this subject considering present era of non conventional energy such as hydrogen storage, automation and control. Accordingly, content of the Mechatronics subject should be reframed.
- New list of Elective I should be prepared.
- Considering the present scenario, subject like Data Analysis should be introduced either in Elective II or Elective III, if it is not getting covered in the any of the existing courses.

2. Review and revision of the existing UG syllabus implemented from 2020

- The said syllabus of Mechanical/Automobile/Production/Sandwich was reviewed and recommended that the inclusion of Applied Thermodynamics and Metrology and Quality Control subjects of 4 credits at appropriate level under the category PCC considering the necessity and importance of these subjects to the concerned specializations. To accommodate these subjects the following alteration is suggested keeping the total number of credits as 160.

Specialization	Suggested change	Adjusted with	Remarks, if any
B. Tech. in Mechanical Engineering and Sandwich	Inclusion of Applied Thermodynamics of 4 credit in V Semester	Seminar I, II and III at Semester II, III and IV and mini project I of 1 credit each	Deletion of Seminar I, II and III at Semester II, III and IV and mini project I at V semester
B. Tech. in Automobile Engineering	Inclusion of Applied Thermodynamics of 4 credit in IV Semester	Seminar I, II and III at Semester II, III and IV and mini project I of 1 credit each	Deletion of Seminar I, II and III at Semester II, III and IV and mini project I at V semester
B. Tech. in Production Engineering	Inclusion of Metrology and Quality Control of 4 credit in V Semester	Seminar I, II and III at Semester II, III and IV and mini project I of 1 credit each	Deletion of Seminar I, II and III at Semester II, III and IV and mini project I at V semester
B. Tech. in Mechanical / Sandwich/Production/Auto mobile (All specializations)	Seminar with the broader name B. Tech. Seminar of 1 credit in VI semester	Adjusted by reducing 1 credit of Open elective in	Reducing 1 credit of open elective. There will be only one seminar in

		VI semester	Semester VI.
B. Tech. in Mechanical / Sandwich/Production/Auto mobile (All specializations)	Increase the credit of existing Mini project II and make it 2 credits in VI and renamed as Mini Project	Adjusted by reducing 1 credit of Mini Project III of Semester VII	Removal of Mini Project III of VII semester and provision of only one Mini Project of 2 credit in semester VI

- With the above recommendations, there will be only **one B Tech Seminar of 1 credit and only one mini project of 2 credits in VI**, instead of series of seminars and mini projects.
- It was recommended to introduce the **Artificial Intelligence course of 3 credits in online mode (through SWYAM/NPTEL)** and an **audit** course on **Constitution of India** in **V** semester and **III** semester, respectively. (There are instructions from competent authority to introduce the credit course Artificial Intelligence subject in online mode (through SWYAM/NPTEL) of 3 credits (over and above of existing 160 credits) for all disciplines of B. Tech. except Computer Engg. and Information Technology and Constitution of India for all disciplines).

The meeting ended with thanks to the Chair.

Professor V. G. Sargade
Member Secretary

Professor Neeraj Agrawal
Chairman