

DEPARTMENT OF MINING ENGINEERING

MINUTES OF BOARD OF STUDIES MEETING

The departmental Board of Studies meeting was held on 10/01/2021 through online with HOD as the chair.

AGENDA

- Discussion and ratification of GRBT-19 III & IV year proposed syllabus.
- Discussion and ratification of GRBT-20 I year proposed course structure.
- Finalization of Text books and Reference books.
- Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses.
- Finalization of Examiners list from reputed organizations.

Mr. Asarapalli Sandeep Kumar, Chairman BOS and HOD welcomed and introduced all the members of meeting for their gracious presence in the meeting towards improvement of course structure and syllabus.

THE CONSTITUTION OF BOARD OF STUDIES

1.	Mr. Asarapalli Sandeep Kumar HOD, Dept. of Mining, GIET (A), Rajahmundry.	BOS Chairman
2.	Dr. B. S. Sastry, Professor, Dept. of Mining, IIT Kharagpur.	University Nominee
3.	Dr. S. Jayanthu, Professor, Dept. of Mining, NIT Rourkela.	Subject Expert
4.	Mr. S. Venkata Chary, SCCL, Telangana.	Industrial Expert
5.	Dr. MVS Babu, Dean (M & P), GIET (A), Rajahmundry	Special Invitee Member
6.	Ms. P N V L Sailaja, Assistant Professor, Dept. of Mining, GIET (A), Rajahmundry.	Internal Member
7.	Mr. Abhishek Mohapatra Assistant Professor, Dept. of Mining, GIET (A), Rajahmundry.	Internal Member

8.	Mr. G D N Raju, Assistant Professor, Dept. of Mining, GIET (A), Rajahmundry.	Internal Member
----	--	-----------------

The Members discussed the points in the agenda one by one and resolved the following.

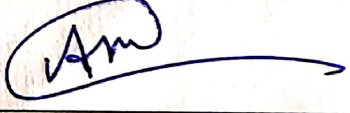
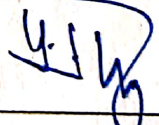
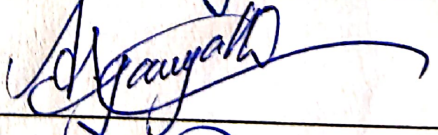
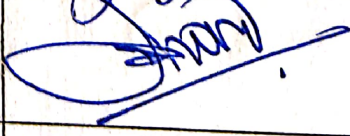
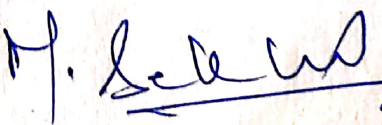
1. The course structure and syllabus of III and IV year of GRBT-19 was discussed thoroughly. The prerequisites for different subjects were verified and discussed.


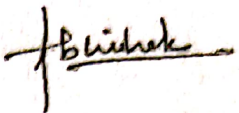

- i. Four Open Electives offered from various departments in IV, V, VI and VII semesters have been received from respective departments, reviewed and discussed.
- ii. The five Professional Departmental Electives in V to VIII semesters, syllabuses have been verified thoroughly and modified with minor changes and accepted.
- iii. The syllabus of three Open Electives Introductory Mining, Disaster Management in Mining, and Remote Sensing & GIS in Mining, offered by the department to other departments have been verified thoroughly and are approved.
- iv. Expert members suggested that the Risk management topic should be incorporated in Mine Safety Management, so suggestions were incorporated, reviewed and accepted.
- v. Expert members suggested that the Underground Metal Mining, Mine Management, Mine Safety and Mine Legislation should be there in professional core courses, so suggestions were incorporated, reviewed and accepted.
- vi. Expert members suggested that the Advance Mine Surveying /Mine Machinery/Mine Transportation can be kept as professional elective courses, so suggestions were incorporated, reviewed and accepted.
- vii. Expert members suggested that the Mine Legislation subject can be renamed as Mine Legislation & General Safety by incorporating some safety aspects in one of the units, so suggestions were incorporated, reviewed and accepted.
- viii. Expert members suggested that the Restructure planning can be included in Mine Planning and Designing subject, so suggestions were incorporated, reviewed and accepted.
- ix. Expert members suggested that the Mining Transportation and Mining Machinery subject can be merged to a single subject so after thorough discussions it was finalized that Mine transportation will be kept in professional elective courses and Mine Machinery will be kept as a professional core course, so suggestions were incorporated, reviewed and accepted.
- x. Expert members suggested that NDRF and other related organizations and some recent disasters should be introduced into Disaster Management in Mining subject, so suggestions were incorporated, reviewed and accepted.

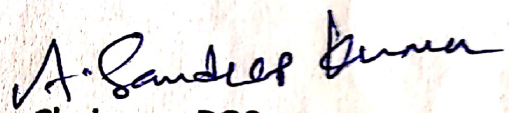
- xi. Expert members suggested that Underground dust (generation, control, diseases, standards, instruments) topic can be introduced in Mine Ventilation subject, so suggestions were incorporated, reviewed and accepted.
 - xii. Expert members suggested that any duplicity in syllabus must be looked into and to be removed.
 - xiii. The Subject Environmental Pollution and Control in open electives was written incorrectly in the course structure and was corrected to Environmental Pollution and Control in Mines.
2. The course structure of I year GRBT-20, B. Tech. program was discussed thoroughly.
 3. Minimum of two text books and two reference books were given with title, author and publisher for each subject in the syllabus copy. The expert members verified the above and found suitable for the concerned courses.
 4. The list of subject experts from various reputed institutions for paper setting and list of examiners for paper evaluation has been verified and approved. However, BOS authorized the chairman to change in the syllabus or course structure if necessary.

The Chairman-BOS Mining Engineering, thanked all the members especially the external members who joined and participated in designing and in improving the curriculum. The Chairman also expressed his gratitude towards the valuable suggestions to bring more improvements for the benefit of the students in concurrent environment.

The following BOS members were present.

S. NO.	BOS MEMBERS	SIGNATURES
1.	Mr. Sandeep Kumar HOD, Dept. of Mining, GIET (A), Rajahmundry.	
2.	Dr. B. S. Sastry, Professor, Dept. of Mining, IIT Kharagpur.	
3.	Dr. S. Jayanthu, Professor, Dept. of Mining, NIT Rourkela.	
4.	Mr. S. Venkata Chary, SCCL, Telangana.	
5.	Dr. MVS Babu, Dean (M & P), GIET (A), Rajahmundry	

6.	Ms. P N V L Sailaja, Assistant Professor, Dept. of Mining, GIET (A), Rajahmundry.	
7.	Mr. Abhishek Mohapatra Assistant Professor, Dept. of Mining, GIET (A), Rajahmundry.	
8.	Mr. G D N Raju, Assistant Professor, Dept. of Mining, GIET (A), Rajahmundry.	


Chairman-BOS
Department of Mining engineering,
GIET (A), Rajahmundry

AGENDA FOR BOS MEETING OF MINING ENGINEERING DEPARTMENT

(For UG)

- I. Finalization of
 - a. Course Structure for 3rd and 4th Years
 - b. Syllabus for 3rd and 4th Years
- II. Any other related points there-off with the permission of the chair.



Chairman- BoS
Department of Mining Engineering

DEPARTMENT OF MINING ENGINEERING

MINUTES OF THE 10th BOS MEETING HELD ONLINE ON 17, MAY 2022 AT GIET(A), RAJAHMUNDRY

Members Present -

1. Dr. Charan Kumar Ala	Chairman, BoS
2. Prof. S. Jayanthu,	University Nominee
3. Prof. B. S. Sastry	Subject Expert
4. Mr. S. Venkata Chary	Industrial Expert
5. Dr. M V Sekhar Babu	Special Invitee Member
6. Dr. Satya Prakash	Internal Member
7. Dr. Atma Ram Sahu	Internal Member
8. Mr. Kumar Sanjay	Internal Member
9. Ms. P. S Mounika	Internal Member
10. Mr. G D N Raju	Internal Member

Chairman of the BoS, Dr A. Charan Kumar has welcomed all the BoS members for the BoS meeting and deliberated on the points of the agenda. He asked them to give suggestions to modify and finalize the 3rd and 4th years of B. Tech (Mining Engineering) syllabus and 3rd and 4th years course structure.

During the meeting, the following points are suggested by the Experts in the proposed curriculum and syllabus.

- The topic on 'Detail project report' is added in Unit-II of 'Mine Planning and Design' course.
- The title of 'Mine Management' is changed to 'Management Principles'.


- The topic on 'Surface miner' is added in Unit-V of 'Rock Excavation Engineering' course.
- Use of freely available softwares related to slope stability and ventilation should be done in 'Mine Planning and Design Laboratory'.
- Unit-III and Unit-V of 'Mine Hazards and Rescue' are combined and a Unit on 'Mine Dust & Radiation' is added as Unit -IV
- 'Drone Surveying in GIS' is added in 'GIS Applications in Mining' skilled course.
- The title of Professional Elective-III 'Disaster Management in Mines' is changed to 'Disaster Management'.
- Concepts on 'Noise and Vibration Pollution' is added as Unit-III in 'Environmental Pollution and Control in Mines'.
- Concepts on 'Project Affected People and Corporate Social Responsibility' are added in Unit-V of 'Environmental Pollution and Control in Mines'.
- The title of 'Mineral Economics' is changed to 'Mining Finance and Economics'.
- The title of Unit-IV of 'Mine Strata Control' is changed to 'Mine Filling'.
- Development of Mobile applications is added in 'Product Development' course.
- 'Mining and Its Importance' is added as Open Elective-III in place of Dimond Stone Mining.

After incorporating the suggestions made by the experts, the resolutions made are as follows:

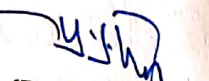
1. It is resolved to approve the course structure of B. Tech (Mining Engineering III and IV years) finalized in this meeting which will be followed for the students admitted from the academic year 2020-21 onwards.
2. It is resolved to approve the syllabus for B. Tech (Mining Engineering III and IV years) finalized in this meeting which will be followed for the students admitted from the academic year 2020-21 onwards.

The chairman thanked all the members for their active participation and giving valuable suggestions.

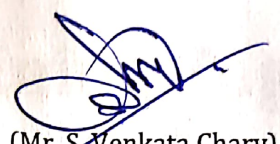
The BOS committee, however, has opined and concluded that the decision taken by the Chairman of the BoS will be final and also authorised the BoS Chairman to suitably modify and or make suitable changes in the syllabus etc. if felt necessary. The chairman will keep other members of BoS informed as and when such changes or modifications will be done.




(Dr. S. Jayanthu)
University Nominee



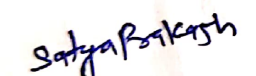
(Dr. B. S. Sastry)
Subject Expert



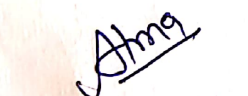
(Mr. S. Venkata Chary)
Industrial Expert



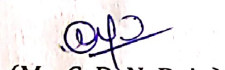
(Dr. M.V.S. Babu)
Special Invitee Member




(Dr. Satya Prakash)
BOS-Member




Dr. Atma Ram Sahu
BOS-Member




(Mr. G. D. N. Raju)
BOS-Member



(Ms. P. S. Mounika)
BOS-Member



(Mr. A. K. Sanjay)
BOS-Member



(Dr. A. Charan Kumar)
BOS-Chairman