



Panchajanya Vidya Peetha Welfare Trust (Regd)

Dr. Ambedkar Institute of Technology

Aided by Govt. of Karnataka, An Autonomous Institution, Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by All India Council for Technical Education (AICTE), New Delhi, Accredited by NBA and NAAC with 'A' Grade

BDA Outer Ring Road, Mallathahalli, Bengaluru - 560 056

Ref. No.

Date :

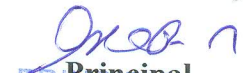
Department of Industrial Engineering and Management

BOS Approval was taken to introduce the following New Subjects

Name of the Course	Course Code	Year
18IM34	Manufacturing Technology	2019
18IM41	Work study & Ergonomics	2019
18IML38	Manufacturing Technology Lab	2019
18IM33	Thermal Fluids Engineering	2019
18IM63	Lean Manufacturing	2021
18HS71	CMEP	2021
18HS72	OSHA	2021
18IM742	Nano Technology	2021
18IM656	Advanced Manufacturing Technology	2021


BOS-Chairman

Professor & HOD
Dept. of Industrial Engineering & Manag
Dr. Ambedkar Institute of Techn
Near Jnanabharathi Campus
BDA Outer Ring Road
Mallathahalli, Bangalore-560 056


Principal
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

BOS meeting for the academic year 2019-20


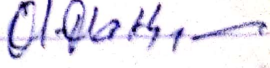


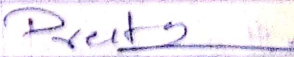
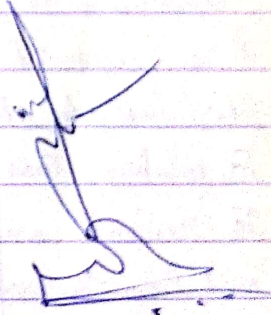

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BOS meeting held on 31-05-2019 at 10.00 am
in the department of IEM.


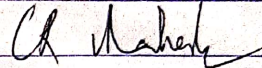
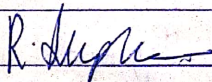
Agenda :

- 1) Approval of Curricular design for the academic year 2019-20
- 2) Approval of Scheme for III to VIII Semestr (BE) for the academic year 2019-20.

Sl No	Name of the BOS members	Designation and Address	Signature
1	Dr. G. Rajendra Chairman	prof and Head Dept. of IEM.	G.rajendra 31/5/19
2	Dr. Prakash G.S VTU Nominice	prof and Head MSRIT, Bangalore.	G.S-Prakash 31/05/19
3	Dr. Praveen Gowda Member External.	professor, principal DOxford College of Engg	Praveen Gowda
4	Dr. Blomseen Soragan Member. External.	prof and Head Dept. of Mech. Engg JSSATE, Bangalore	Blomseen Soragan 31-5-19

Sl No	Name of the BOS Members	Designation and Address	Signature
5	Dr. S.N. Lakshminarayana Dr. Lakshmi Narayan Member, External.	Prof. and Head Dept of IEM, SSIT, Tumkur.	
7	Dr. M. Mathirajan	Professor, Management Studies. IISe, Bangalore	
8	Jaganath Mr. Jaganath Kulkarni Industry Representative.	AVP. HSBC, Bangalore.	
9	Mr. Anil Kumar Saha Alumni Representative	Manager, TCS Bangalore.	
10	Ms. Preetam Hombal Industry representative	CAPEGEMINI, Bangalore	
11	Mr. Vinod Kumar Shivamanda Industry representative.	Value Smart, Bangalore.	
12	Dr. N. Mohan	Professor - Dept of IEM.	
13	Dr. S.K. Rajendra	Associate Professor.	S.K. Rajendra

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Sl No	Name of the BOE members	Designation and Address	Signature
14	Dr. Rajeshwari P	Associate professor.	
15	Dr. C.R. Mahesha	Assistant professor.	
16	Smt. Suprabha R	Assistant professor.	
17	Mr. N. Chetan	Assistant professor.	Absent

The BOE meeting was held on 31/05/2019 at 10:00am in the department of IEM. along with Industry experts, other college faculties, university professors and BOE members of our department. Initially HOD welcomed all the Professors and Industry experts for the meeting.

The following are the inputs given by the experts:

- It was suggested to name the subject title same as the text book referred.

Ex: Sub Title: Work Study and Ergonomics, Ref Book: Work study & Ergonomics

- Mathematics to be changed to Engineering Mathematics,
- It was suggested to introduce a programming language like C++/R/PYTHON in 3rd Sem.
- To include 'R' in Statistics lab.
- To combine TOM and DME and to rename it as Mechanical & Design Elements.
- To rename and change the contents of Statistics for Engineers as Descriptive and Predictive Analytics for Engineers [Ref. Book: Prof. Dinesh Kumar] M^{ty} Stats Lab.
- Prerequisite for OM: Material Mgmt → Facility Planning & Design → Lean Mfg
- CIM to be introduced in 1st Sem and CIM lab in 5th Sem.
- Rename Engg Economy as Engg Economics and to stress more on Economics, Macro Economics - GDP, GNP, National Income etc.
- OR to be renamed as Prescriptive Analytics, to remove scheduling and to include Non linear Tool, To remove 5th unit and to elaborate existing units. More emphasis to be given to Meta heuristics and on formulation and what-if analysis.
- Replace Advanced Manufacturing process with some other. Operational Excellence Core

* The subjects MP-1 & MP-2 shall be clubbed as one subject as manufacturing Technology for III semester, 2018 Baren onwards for the academic year 2019-20. 37

- OR lab to be introduced software such as LINGO/^{LINGO/} LINDO etc.
- Mini Project: Students to be given an clear information about what we expect from their projects.
- Supply Chain Management - Ref: Ravi Ravindran "Supply Chain Engg". make it core^{subject}.
- ERP Lab to be renamed and changed accordingly as Operations Mgmt Lab.
- Suggestion for Technical Seminars: Ref. IEEE or any reputed journal paper, read the literature, work on it, and then present.
- Industrial Engg - Refer Work Study and Ergonomics - Groover and ILO latest edition.
- In syllabus, change the edition of all text books and reference books to latest one.
- Industry 4.0 to be introduced as an unit in subject like OM.
- To introduce a software for IE lab.
- PERT/CPM to be introduced in OM or PM.
- Advance OR can be given as an elective.
- Sustainability Business Practices to be introduced as core subject as an unit in Advanced Industrial Engineering or Supply chain with case studies for the same.
- It was also suggested to have 2 students per group for Project work.
- Industry experts also said that they look in a candidate these things during interview.
 - Understanding the basic concepts
 - Awareness towards latest industry trends
 - Attitude
 - Ability to learn new technology, domain etc
- Special Discussion: Student named Sampath Kumar YJ (IDAIBIMOU1) had missed most important core subject Industrial Engineering during his academics due to year back and changes in subject and subject code w.r.t BOS, Therefore, it was suggested to consider Concepts of Management as an Audid subject and to give the student IE as core subject for which he has to attend write the SEE exam along with IE laboratory.

The meeting was concluded with a vote of thanks by Dr. N. Mohan.

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subject.

Internal BOS members

- 1) Dr. G. Rajindran, Hon — G.R.
- 2) Dr. M. Mohan — ~~M.M.~~
- 3) Dr. S.K. Rajindran — S.K. Rajindran
- 4) Dr. Rajeshwari P — Rajeshwari P
- 5) Dr. C.R. Mahesh —
- 6) Suprabha - R — S. Suprabha
- 7) Chetan N —
- 8) S. ~~S.~~

1) Dr. Prakash G. S — h-s- prakash

2) Dr. Praveen Gowda — ABSENT.

3) Dr. Bhimsen Soragan — ~~Praveen~~ 31-5-19

Dr. S.N. Lakshminarasimhan

4) Dr. Lakshmi Narayana —

5) Dr. M. Mallirajan —

Jaganath

6) Mr. Jagannath Kulkarni —

7) Mr. Preetam Hombel —

Praveen

8) Mr. Vinod Kumar Shirananda —

9) Mr. Anil Kumar SNG —

ABSENT.

10) Dr. G. RAJENDRA

HOD

G.K.

Dr. Ambedkar Institute of Technology, Bangalore- 56
Department of Industrial Engineering and Technology
BOS Minutes of meeting for AY 2021- 22.

The Board of Studies meeting was held on 13/07/2021 at 10:00AM in IEM department laboratory through **Online Google Meet.** (Following COVID- 19 guidelines)

The BOS external members consist of subject experts from reputed institutions and industry personnel and also all the faculty members of Dept. of IEM.

Firstly, Dr. N Mohan, Prof. and Head, Dept. of IEM, Dr. AIT, welcomed all the external and internal BOS members for the meeting. HOD explained the scheme and syllabus to all the BOS members and parallelly for each subject the following were discussed and suggested.


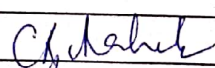

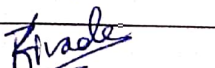
The external BOS members suggested the following: *(As the scheme and syllabus for 2nd and 3rd year were finalized in the previous BoS meeting, and was suggested not to change for four years, this BoS meeting dealt with only 4th year scheme and syllabus)*

1. Supply Chain Management is asked to be followed by Operations Management. As this change could not be made, the members suggested implementing this for the next year.
2. For the subject Financial Management, the members suggested to add new reference book by Prasanna Chandra. They also asked us to add the topics- Adjustments and costing ratios in the second unit. This is implemented.
3. External BoS members asked us to map even the PSOs for all subjects.
4. It was suggested to omit the last chapter on Lean Manufacturing in Operations Management as the same topic is thought as a core subject. They asked unit 4 to be split and made unit 5. Decision support system topic was asked to be removed and to include Master Production scheduling. A reference book was suggested for this subject: Operations Management by Mahadevan. All the suggestions are implemented.
5. For Supply Chain Management, a book by Ravindran and Philip named Supply Chain Engineering was suggested for reference. They asked us to change to contents according to this text book for the next year.
6. For the subject Strategic Management, they asked us to include case studies referring from Harvard University.
7. For Statistics Laboratory, R Studio software was asked to introduce.
8. **Mandatory Elective: Elements of Costing and Economics-** external BoS members said that the syllabus for this subject is overloaded for 2 credits. They also asked if the credits can be increased to 3 credits. But as the credit system is fixed, this cannot be changed and proper discussion was made to reduce the syllabus as much as possible by the concerned Board.
9. **Mandatory Elective: Occupational Safety and Health Administration-** external BoS members asked us to include topics on HACCP. But this decision is to be made by Civil Board.
10. **Project Management and Nanotechnology-** the contents in the syllabus were asked to modify. This is changed and implemented.
11. **Data Base Management System-** new edition text books were asked to be included, which is done.

After a lengthy discussion and making a note of all the suggestions given by experts, the BOS members were thanked by Dr. N Mohan, Prof. and Head, Dept. of IEM, Dr. AIT.

HOD asked the external BOS members to give feedback and suggestion through mail also. The meeting ended with a heartfelt thanks to all the BOS members.

The following BOS members were present for the meeting:

Sl. No.	Name of BOS member	Designation	Signature
External BOS Members			
1	Dr. M Mathirajan	Professor, Management Studies, IISc, Bangalore.	Online
2	Dr. Praveen Gowda	Principal, G Made Gowda Institute of Technology, Mandya	Online
3	Dr. G S Prakash	Prof. & Head, Dept. of IEM, MSRIT, Bangalore	Online
4	Dr. Bhimsen Soragaon	Prof. & Head, Dept. of ME, JSSATE, Bangalore.	Online
5	Dr. Lakshminarasimhan	Prof., Dept. of IEM, SSIT, Tumkur.	Online
6	Mr. Preetham Hombal	Senior Supply Chain Professional, Capgemini, Bangalore.	Online
7	Mr. Vinodkumar Shivananda	Value Smart, Bangalore.	Online
8	Mr. Jagannath Kulkarni	AVP, HSBC, Bangalore.	
Internal BOS Members			
1	Dr. N Mohan	Prof. & Head, Dept. of IEM, Dr. AIT, Bangalore	
2	Dr. S K Rajendra	Associate Prof.	S.K. Rajendra
3	Dr. Rajeshwari P	Associate Prof.	
4	Dr. C R Mahesha	Assistant Prof.	
5	Mrs. Suprabha R	Assistant Prof.	
6	Mr. Chetan N	Assistant Prof.	
7	Mr. Rajesh K	Assistant Prof.	
8	Mrs. Sarvamangala S P	Assistant Prof.	