

Panchajanya Vidya Peetha Welfare Trust (Regd)

Dr. Ambedkar Institute of Technology

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

BDA Outer Ring Road, Mallathalli, Bengaluru - 560 056

Ref. No.

Date :

Department of Electronics and Instrumentation Engineering

This is to certify that for the list of courses, syllabus revision has been carried out and changes are made and approved by BOS during the last five years.

SI no.	Course	Course Name	Remarks
	Code		
1.	18EI71	IOT and Wireless Sensor Networks	Newly Introduced
2.	18EI72	Industrial Data Communication & DCS	Newly Introduced
3.	18EI L77	IOT Lab	Newly Introduced
4.	18 EI732	Artificial Intelligence in Industrial Automation	Newly Introduced
5.	18 EI742	Multimedia Communication	Newly Introduced
6.	18EI743	Adaptive Signal Processing	Newly Introduced
7.	18EIL58	Control systems and simulation Lab	Newly Introduced
8.	18EI554	Automotive Electronics	Newly Introduced
9.	18EIL67	Virtual Instrumentation Lab	Newly Introduced
10.	18 EI 643	Machine Learning & Python Programming	Newly Introduced
11.	18EI32	Digital System Design	Content Revised
12.	18EIL37	Digital System Design Lab	Content Revised
13.	18EI34	Measurements and Instrumentation	Newly Introduced
14.	18EI43	Microcontroller and Applications	Newly Introduced
15.	18EIL47	Microcontroller and Applications Lab	Newly Introduced
16.	18EIL46	Sensors and Signal Conditioning Circuits Lab	Newly Introduced
17.	18EIL58	Control systems and simulation Lab	Newly Introduced
18.	EI 71	VLSI Design	Shifted to core
19.	EI 661	Advanced Control Systems	Shifted to elective
20.	EI541	Biomedical Instrumentation	Shifted to elective
21.	EI 61	PLC and SCADA	Newly Introduced
22.	EI 72	DCS and Industrial safety systems	Newly Introduced

BOS Chairman

Principal

Dr Ambedkar Institute of Technology, Bangalore - 560056 (An Autonomous Institute Affiliated to VTU Belgaum) Department of Instrumentation Technology

Minutes of the meeting

18-06-2018

The BOS meeting for the finalization of scheme and syllabus of UG in Electronics and Instrumentation Engineering and PG in M.Tech Electronics is started at 10. 30AM by welcoming all BOS members by the Chairman BOS, Head of the Department

1. Finalize the Scheme of 3rd to 8th semester for 2018-19 Batch

BOS chairman informed all the members that as per guidelines of AICTE/VTU for the 2018 -19 academic year, the required credits to be earned by the students for the award of degree is 175. Also it is highlighted that 40 credits are allocated to 1st year courses. Remaining 135 credits are distributed from 3rd to 8th semester and a detailed scheme is prepared by following the college guidelines. 3rd to 8th semester draft scheme is presented before the BOS members for the discussion. The following suggestions are made by the members during the discussion.

- 1. A separate book can be maintained for tutorial classes and few books can be collected from the students for document purpose
- 2. To incorporate the basic fundamentals in the first year itself.
- 3. Few experiments related to fluid mechanics can be included in the transducers lab
- 4. Control system related topics can be demonstrated by conducting experiments like Bode plot etc.
- 5. In Microcontroller MSP430 can be taught instead of 8051
- 6. All the BOS members suggested to reduce the number of components in the 3rd and 4th semester because the number of courses in the 3rd and 4th semester is more compared to the higher semesters.
- 7. In the subject Embedded system one or two unit can have topic related to embedded system and the remaining units can be related to ARM processor
- 8. As the analytical instrumentation subject is more important for the students at least few important topics can be added in process instrumentation subject itself
- 9. Students can be allowed to do Interdisciplinary projects so that they will learn how other department subjects can be integrated to their own subjects
- 10. Discussed about whether to retain the subject VLSI design or not and finally decided to retain the subject as it will be useful for the students those who are going for PG.
- 11. DCS and IDC are the two important subjects for instrumentation engineers so all BOS members suggested to split and can have more weightage for the subjects
- 12. In place of Microcontroller lab simulation lab can be introduced if microcontroller subject is removed.
- 13. In wireless communication subject one unit can be IOT related topics and the subject can be renamed as wireless communication and IOT

2. Finalize the Scheme and syllabus of 3rd to 4th semester for 2017-18 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 3^{rd} to 4^{th} Sem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 3^{rd} to 4^{th} Semester. 3. Finalize the Scheme & Syllabus Content of 5^{th} and 6^{th} SEM for 2016 – 17 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 5th to 6th Sem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 5th and 6th Semester.

4. Finalize the Syllabus Content of 7th and 8th Sem for 2015 – 16 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 7th to 8th Sem to the BOS members and discussed to get their opinion. Discussion was held in related to the changes made in the Elective subject of 7th Semester: micro system and nano technology and the members approved the same.

All BOS members accepted the draft syllabus proposed for the forthcoming 7th and 8th Semester.

5. Finalize the Scheme & Syllabus Content of 1st and 2nd Sem M.Tech Electronics of 2018 - 19 Batch.

BOS chairman informed all the members that as per guidelines of AICTE/VTU for the 2018 -19 academic year, the required credits to be earned by the students for the award of degree is 88 and a detailed scheme is prepared by following the college guidelines. 1st to 4th semester tentative scheme is presented before the BOS members for the discussion. The following suggestions are made by the members during the discussion.

All BOS members suggested to follow the current (2018) VTU guidelines for PG and to retain 2017-18 Scheme and syllabus.

6. Finalize the Syllabus Content of 3rd and 4th Sem M.Tech Electronics for 2017 – 18 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 3^{rd} and 4^{th} Sem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forth coming 3rd and 4th Semester.

7. Defining Subject equivalences to the students admitted in different academic years

The members suggested to define the subject equivalence as and when required and to get it ratified by the members in the immediate BOS meetings

8. Approval of BOE Members and Examiners for theory and Practical examinations of III, IV, V, VI, VII, VIII Sem Subjects

The list of examiners for $3^{rd} - 8^{th}$ Sem Subjects are made by discussing with BOS Members for the approval - List enclosed

9. Approval of PSOs, Vision, Mission of the Department

BOS Chairman informed the members that 4 Programme Specific outcomes (PSOs) are drafted for the UG programme in Electronics and Instrumentation Engineering by following NBA guidelines and taking the feedback from the stakeholders. The tentative PSOs are presented before the members for the discussion/suggestions. Members approved the PSOs as presented (Copy enclosed)

The vision mission of the department is presented and discussed for any revision

All members suggested to retain the vision mission in the present form itself (Copy enclosed)

Actions Taken:

1. Finalize the Scheme of 3rd to 8th semester for 2018-19 Batch

Draft scheme of $3^{rd} - 8^{th}$ Semester for the 2018 – 19 batch is finalized by incorporating the suggestions given by the BOS members

2. Finalize the Scheme and syllabus of 3rd to 4th semester for 2017-18 Batch

The suggestions given by BOS members are incorporated and finalized the scheme and draft syllabus.

3. Finalize the Scheme & Syllabus Content of 5^{th} and 6^{th} Sem of 2016 - 17 Batch

Finalized the draft syllabus as per the members suggestions

4. Finalize the Syllabus Content of 7th and 8th Sem for 2015 – 16 Batch

Finalized the draft syllabus of 7^{th} and 8^{th} Sem for 2015 - 16 Batch as per the members suggestions

All the above are approved and recommended by the BOS members.

Finally meeting concluded with the vote of thanks by the Chairman BOS.

Professor and Head Professor & Head Department of Instrumentation Technology Dr. Ambedkar institute of Technology Bangalore - 560 056.

Dr Ambedkar Institute of Technology, Bangalore - 560056 (An Autonomous Institute Affiliated to VTU Belgaum) Department of Electronics and Instrumentation Engineering

Minutes of the meeting

14-08-2020

The BOS meeting is started at 2.30 PM by welcoming all BOS members by the BOS chairman

Before discussing the actual agenda of the 11th BOS meeting, the members were briefed about the minutes of 10th BOS meeting held on 22-05-2019 and its action taken report. All members approved the same

Agenda 1: Finalize the Scheme 3rd to 8th semester of 2018-19 batch

BOS chairman highlighted the proposed scheme of 3^{rd} to 8^{th} semester for 2018-19 Batch to the BOS members and discussed to get their opinion.

The following points are highlighted by the BOS members

- 1. All BOS members suggested to make Advanced Control System as core subject instead of professional elective
- 2. The subject Instrumental, methods of analysis can be renamed to Analytical Instrumentation as this is the familiar name, anyone can understand the topics in that subject
- 3. All BOS members suggested to shift the subject Instrumental methods of analysis to elective, as it is not included in the gate examination.
- 4. The subject Embedded system design can be suitably renamed instead of generic name.

Agenda 2: Finalize the Syllabus Content of 7th and 8th Sem of 2017 - 18 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 7^{th} to 8^{th} Sem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 7th and 8th Semester.

Agenda 3: Finalize the Scheme & Syllabus Content of 5^{th} and 6^{th} Sem of 2018 – 19 Batch BOS chairman highlighted the scheme and the draft syllabus of the 5^{th} to 6^{th} Sem to the BOS members and discussed to get their opinion.

The following points are highlighted by the BOS members

- 1. All BOS members expressed that In the Digital signal processing subject if MATLAB program is indicated in the syllabus content, open ended questions will be framed on that topic.
- 2. BOS members suggested to have maximum of two text books, remaining books can be the reference books
- 3. The subject process control system can be renamed as Process Automation and Control

- 4. In the subject process control system unit 2&3 can be merged and 5th unit safety instrumentation can be introduced as it is very much needed for instrumentation engineers
- 5. BOS members suggested to include applications/case studies related to instrumentation in the subject C++ and data structures.
- 6. In the subject Biomedical Instrumentation BOS members suggested to include understanding of Diagnostic systems.
- 7. BOS members suggested to include fundamental concepts of drives, before teaching drives in the subject Power Electronics and Drives so that students will understand the concept better.
- In the subject Power Electronics and Drives BOS members suggested to include MOSFET
- 9. BOS members suggested to replace the detail syllabus with main headings of the topic in the subject Digital image processing.
- 10. In the Digital Signal Processing Lab BOS members suggested to have real time processing
- 11. BOS members suggested to include topics like wiring diagram, I/O cards in the subject
- 12. In the subject advance control system BOS members suggested to include the topics like, system identification or multivariable control.
- 13. In the subject Embedded systems design, BOS members expressed to include the topic DMI along with interrupts

Agenda 4: Finalize the Syllabus Content of 3rd and 4thSem of 2019 –20 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 3rd and 4th Sem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 3rd and 4th Semester.

Agenda 5: Defining Subject equivalences and credit balance to the students admitted in different academic years

BOS chairman informed the members regarding the need of defining the subject equivalences to the students re admitting with other batch students.

All members suggested presenting such cases and getting the approval as and when required.

Approval of BOE Members and Examiners for theory and Practical Agenda 6: examinations

The list of examiners for 3rd – 8thSem Subjects are made by discussing with BOS Members for the approval -List enclosed

Agenda 7: Finalize the Vision, Mission, PEO and PSO

BOS chairman highlighted the revised vision, mission PEO and PSOs of the department and the BOS members approved the same.

8. Any Other Issue:

All BOS members informed the adoption of blended teaching learning process in all courses from 2020-2021 onwards

Actions Taken for:

Agenda 1: Finalize the Scheme 3rd to 8th semester of 2018-19 batch

- 1. The subject Advanced Control System is made a core subject in 6th semester
- 2. The subject Instrumental methods of analysis renamed as Analytical Instrumentation
- 3. The subject Analytical Instrumentation is shifted to elective group in 7th semester. 4. The subject Embedded system design can be suitably renamed as Embedded Systems
- using ARM controller.

Agenda 2: Finalize the Syllabus Content of 7th and 8thSem of 2016 – 17 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

Agenda 3: Finalize the Scheme & Syllabus Content of 5th and 6thSem of 2017 – 18 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

Agenda 4: Finalize the Scheme & Syllabus Content of 3rd and 4thSem of 2018 –19 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus scheme

Agenda 5: Defining Subject equivalences and credit balance to the students admitted in different academic years

Member's suggestion is noted.

and draft syllabus.

Approval of BOE Members and Examiners for theory and Practical Agenda 6: The BOE Members and Examiners for theory and Practical examinations are approved from BOS members - List enclosed

Agenda 7: Finalize the Vision, Mission, PEO and PSO Member's suggestion is noted and finalized the vision & Mission of the department and PEO and PSO of the programme.

All the above are approved and recommended by the BOS members.

Finally meeting concluded with the vote of thanks by the Head of the Department.

rofessor and Head. Professor & Head Department of Instrumentation Technology Dr. Ambedkar Institute of Technole Bangalore - 560 056.

Dr Ambedkar Institute of Technology, Bangalore - 560056 (An Autonomous Institute Affiliated to VTU Belgaum) Department of Electronics and Instrumentation Engineering

Minutes of the meeting

24-06-2021

The BOS meeting is started at 10.00 AM by welcoming all BOS members by the BOS chairman

Before discussing the actual agenda of the 12th BOS meeting, the members were briefed about the minutes of 11th BOS meeting held on 14-08-2020 and its action taken report. All members approved the same

Agenda 1: Finalize the Scheme 3rd to 8th semester of 2021-22 batch

BOS chairman highlighted the proposed scheme of 3rd to 8th semester for 2021-22 Batch to the BOS members. All BOS members accepted the scheme.

Agenda 2: Finalize the Syllabus Content of 7th and 8th Sem of 2018 – 19 Batch and old Batches falling under 200 credits Scheme (Parallel Batch)

BOS chairman highlighted the scheme and the draft syllabus of the 7th to 8th Sem to the BOS members and discussed to get their opinion.

The BOS members highlighted the following points

- 1. All BOS members expressed to have easy subjects in 7th semester
- 2. All members suggested to form a verticals for elective subjects
- 3. Members suggested to include Open elective subjects as building automation, industrial automation, industrial 4.0
- 4. BOS members expressed to replace the Optical instrumentation subject in the open elective with industrial and process automation that should start with electrical, mechanical and electronics automation because it is too narrow and specific
- 5. Members expressed to rename the title of the subject Instrumentation and Measurements with Instrumentation and Measurement techniques
- 6. All members expressed that the Technical seminar must be continuous evaluation at least two presentation must be there
- 7. Also members suggested that Technical seminar first presentation can be CIE and the second presentation can be SEE
- Members of BOS suggested in IOT & Wireless sensor network subject syllabus is more should be revamped reduced and few case study like Agriculture, environment and pharmaceutical can be included
- 9. All members expressed to revise the Text book edition in all the subjects
- 10. Members suggested to reduce the objective in 18E172 also suggested to refer the text book Liptak to frame the syllabus for 18E172
- 11. BOS members expressed to Make 2 units on protocols and remaining on DCS in subject 18E172

For the 200 credit parallel batch, students BOS members accepted the syllabus content

Agenda 3: Finalize the Syllabus Content of 5th and 6th Sem of 2019 – 20 Batch and old Batches falling under 200

BOS chairman highlighted the scheme and the draft syllabus of the 5th to 6thSem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 5^{th} and 6^{th} Sem of 2019 – 20 Batch and old Batches falling under 200

Agenda 4: Finalize the Syllabus Content of 3rd and 4thSem of 2020 –21 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 3rd and 4th Sem to the BOS

members and discussed to get their opinion. All BOS members accepted the draft syllabus proposed for the forthcoming 3rd and 4th Semester.

Agenda 5: Defining Subject equivalences and credit balance to the students admitted in different academic years

BOS chairman informed the members regarding the need of defining the subject equivalences to the students re admitting with other batch students. All members suggested presenting such cases and getting the approval as and when required.

Agenda 6: Finalize the scheme and syllabus of Electronics and Instrumentation (Honors)

and Minor Degree
1. All members suggested to increase the credits in honor and minor subjects so that the number of

subjects can be reducedAll BOS members accepted the draft scheme of Honor and Minor courses proposed.

Agenda 7: Approval of BOE Members and Examiners for theory and Practical

examinations The list of examiners for 3rd – 8thSem Subjects are made by discussing with BOS Members for the approval **-List enclosed**

8. Any Other Issue:

Discussion on certification program: All BOS members expressed to have it as a value added program also members suggested to do survey and identify the kind of learners before framing the syllabus for certification courses

Actions Taken for:

Agenda 1: Finalize the Scheme 3rd to 8th semester of 2021-22 batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

Agenda 2: Finalize the Syllabus Content of 7th and 8thSem of 2018 – 19 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

Agenda 3: Finalize the Scheme & Syllabus Content of 5th and 6thSem of 2019 – 20 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

Agenda 4: Finalize the Scheme & Syllabus Content of 3rd and 4thSem of 2018 – 19 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus scheme and draft syllabus.

Agenda 5: Defining Subject equivalences and credit balance to the students admitted in different academic years

Member's suggestion is noted.

Agenda 6: Finalize the scheme and syllabus of Electronics and Instrumentation (Honors) and Minor Degree

Member's suggestion is noted.

Agenda 7: Approval of BOE Members and Examiners for theory and Practical examinations

The BOE Members and Examiners for theory and Practical examinations are approved from BOS members – List enclosed

All the above are approved and recommended by the BOS members.

Finally meeting concluded with the vote of thanks by the Head of the Department.

Professor and Head,

Professor & Head Department of Instrumentation Technology Dr. Ambedkar Institute of Technology Bangatore - 560 056,

Dr Ambedkar Institute of Technology, Bangalore - 560056 (An Autonomous Institute Affiliated to VTU Belgaum) Department of Electronics and Instrumentation Engineering

22-05-2019

Minutes of the meeting

The BOS meeting is started at 10. 00 AM by welcoming all BOS members by the Head of the Department

1. Finalize the Scheme 3rd to 8th semester of 2019-20 batch BOS chairman highlighted the scheme 3rd to 8th semester of 2019-20 to the BOS members and discussed to get their opinion.

The following points are highlighted by the BOS members

- 1. The subject in 3rd semester Fluid mechanics should be removed.
- 2. Soft skill can be renamed as communication skill
- 3. The subject Micro-controller can be named as micro-controller and applications.
- 4. Transducers and Measurements Lab can be named as sensors and signal conditioning circuit's lab in this fundamentals can be removed and real time experiments can be included.
- 5. Virtual instrumentation lab can be introduced in 5th semester.
- 6. The subject Chemical in instrumentation can be renamed as Instrumental methods of analysis.
- 7. For elective subject verticals should be put.
- 8. Technical seminar should be in 6th semester so that students can identify their project problem.

2. Finalize the Syllabus Content of 7th and 8thSem of 2016 – 17 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 7th to 8thSem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 7th and 8th Semester.

3. Finalize the Scheme & Syllabus Content of 5th and 6thSem of 2017 – 18 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 5th to 6thSem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 5th and 6th Semester.

4. Finalize the Syllabus Content of 3rd and 4thSem of 2018 –19 Batch

- 1. In the Subject Analog Electronic Circuits subject MOSFET related topics should be included instead of BJT
- 2. EMI can be introduced in any of the subject.
- 3. All BOS members suggested to include real time applications in all the subjects

5. Defining Subject equivalences and credit balance to the students admitted in different academic years

6. Approval of BOE Members and Examiners for theory and Practical

The list of examiners for $3^{rd} - 8^{th}$ Sem Subjects are made by discussing with BOS Members for

7. Finalize the Honor and Minor Scheme

All BOS members suggested to revise the Minor and Honor Subjects

Actions Taken:

- 1. Finalize the Scheme 3rd to 8th semester of 2019-20 batch
- 1. The subject in 3rd semester Fluid mechanics is replaced with Measurements and
- 2. The subject Micro-controller is renamed named as micro-controller and applications. 3. Transducers and Measurements Lab is named as sensors and signal conditioning circuits
- lab in this lab few real time experiments is included.
- 4. Virtual instrumentation lab is introduced in 5th semester.
- 5. The subject Chemical in Instrumentation is renamed as Instrumental methods of analysis. 6. Verticalshave introduced in elective subjects.
- 7. To include the Technical seminar in 6th semesteris not incorporated as it is the

2. Finalize the Syllabus Content of 7th and 8thSem of 2016 – 17 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

3. Finalize the Scheme & Syllabus Content of 5th and 6thSem of 2017 – 18 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus

4. Finalize the Scheme & Syllabus Content of 3rd and 4thSem of 2018-19 Batch

The suggestions given by BOS members are incorporated and finalized the draft syllabus scheme

5. Defining Subject equivalences and credit balance to the students admitted in different academic years

6. Approval of BOE Members and Examiners for theory and Practical examinations The BOE Members and Examiners for theory and Practical examinations are approved from BOS members

7. Finalize the Honor and Minor Scheme

The Honor and Minor subjects are drafted as per the suggestion given by the BOS members

All the above are approved and recommended by the BOS members.

Finally meeting concluded with the vote of thanks by the Head of the Department.

202

Professor and Head,

Professor & He Department of Electro Instrumentation Engin Dr. Ambedkar Institute of Tech Bangalera - 560 050.

Dr Ambedkar Institute of Technology, Bangalore - 560056 (An Autonomous Institute Affiliated to VTU Belgaum) Department of Instrumentation Technology

15-05-2017

Minutes of the meeting

The BOS meeting is started at 10. 00 AM by welcoming all BOS members by the Head of the Department

1. Finalize the Syllabus Content of 7th and 8th Sem of 2014 – 15 Batch

BOS chairman highlighted the scheme and the draft syllabus of the 7th to 8th Sem to the BOS members and discussed to get their opinion.

All BOS members accepted the draft syllabus proposed for the forthcoming 7th and 8th Semester.

2. Finalize the Scheme & Syllabus Content of 5th and 6th Sem of 2015 – 16 Batch

Dr Shivaprakash and other BOS members suggested to teach HTML subject after teaching C++ .They also suggested to rename the subject title based on the objective of the subject.

Dr Vijaya and other BOS members suggested to remove microcontroller subject and introduce advance microcontroller like MSP430 subject in the syllabus as this is the subject which is most expected in the industry today.

Dr K B Raja and other BOS members suggested to rename the ARM Processor subject to general name similarly Arm lab can be replaced with embedded system Lab

Also experts suggested to specify the focused area for the mini project. They also suggested to introduce IOT to the students by introducing as a lab component. As this is the subject which is most expected in the industry today.

Also experts suggested to teach computer networks in lower semester.

3. Finalize the Scheme & Syllabus Content of 3rd and 4th Sem of 2016 – 17 Batch

1. Dr Shivaprakash suggested to combine AEC and DE into single lab component. OR otherwise AEC lab can be combined with AIC lab. He also suggested introducing transducers lab in the third semester.

4. Approval of BOE Members and Examiners for theory and Practical examinations of III, IV, V, VI, VII, VIII Sem Subjects

The list of examiners for $3^{rd} - 8^{th}$ Sem Subjects are made by discussing with BOS Members for the approval - List enclosed

5. Method of Evaluation for Each subject

The existing evaluation method is highlighted to the BOS Members.

5. Method of Evaluation for Each subject

The existing evaluation method is highlighted to the BOS Members. Also BOS chairman explained the introduction of the new components, that is assignment or industrial visit per each subject for five marks and the CIE for 45 marks including descriptive and quiz components.

Actions Taken:

Finalize the Syllabus Content of 7th and 8th Sem of 2013 - 14 Batch

1. The suggestions given by BOS members are incorporated and finalized the draft syllabus

2. Finalize the Scheme & Syllabus Content of 5^{th} and 6^{th} Sem of 2014 - 15 Batch Finalized the draft syllabus as per the members suggestions

3. Finalize the Scheme & Syllabus Content of 3rd and 4th Sem of 2015 – 16 Batch The suggestions given by BOS members are incorporated and finalized the scheme and draft syllabus.

All the above are approved and recommended by the BOS members.

Finally meeting concluded with the vote of thanks by the Chairman BOS.

121 rofessor and Head