

GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 28.06.16

A Departmental BOS meeting will be held in AEIE faculty room on 04.7.16 at 12:30 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) R16 Syllabus commencement**
- 2) Finalization of 1st to 8th Sem Curriculum structure**
- 3) Discussion on syllabus revision and new courses introduced**
- 4) Discussion on courses which strengthen employability, entrepreneurship technical and skill development**
- 5) Final year Project**
- 6) R&D Activity**



(Suparna Maity)

Convenor of BOS-AEIE.

Department of Electronics & Instrumentation Engineering
Minutes of the BOS Meeting held on 15/07/2016

BOS meeting for Even Semester 2016 was held on 04th July, 2016 in the EIE Faculty Room, at 12:30 pm in the presence of the following members

2. Prof.(Dr.) Sunit Kumar Sen, Professor, C.U
3. Dr. Achintya Das, Prof, & H.O.D,ECE, Kalyani Govt. Engineering College
4. Mr. Samiran Roy, Senior Procurement Specialist, Honeywell International India(Pvt. Ltd.)
5. Prof(Dr) Arun Kumar Mondal,H.O.D,ECE,GNIT
6. Mr.S.Kuila, H.O.D,EIE,GNIT, Chairman,BOS
7. Mr. A.K.Chakrabarty, Asstt Prof,EIE,GNIT
8. Mrs. J. Datta, Asstt Prof,EIE,GNIT
9. Mrs. P.Banerjee, Asstt Prof,EIE,GNIT
10. Ms U. Ghosh, Asstt Prof,EIE,GNIT
11. Mrs. S. Maity, Asstt Prof,EIE,GNIT
12. Mrs. B. Roy, Asstt Prof,EIE,GNIT
13. Mrs. S.Das, Asstt Prof,EIE,GNIT

Agenda of the meeting:

- 1) **R16 Syllabus commencement**
- 2) **Finalization of 1st to 8th Sem Curriculum structure**
- 3) **Discussion on syllabus revision and new courses introduced**
- 4) **Discussion on courses which strengthen employability, entrepreneurship technical and skill development**
- 5) **Final year Project**
- 6) **R&D Activity**

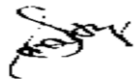
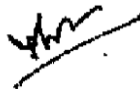
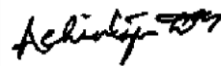
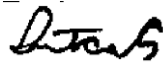
Discussions and decisions:

1. The Convener and the Chairman of BOS, Dept of EIE welcome all the members of the Meeting and formally intimated about the agenda to be discussed.
2. Proposed AEIE Course Curriculum was presented and discussed. External Invitees and Professors checked and discussed thoroughly. They appreciated and recommended the syllabus with a suggestion of few changes like Design Lab. should be included in either 5th or 6th semester, Process Automation may be included in sixth semester under PE field etc.
3. External Invitees also appreciated the revised syllabus as a numbers of new subjects as well as mini projects are included in the new syllabus.
4. It is decided that for final year students special classes for GATE examination will be arranged.
5. Final year students must publish paper from their final year project.
6. External experts suggested that the R & D activity of the department should be increased

The meeting ended with vote of thanks.



(S. Kuila)
Head of the Department
Electronics & Instrumentation Engineering Dept.



GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 11.11.16

A Departmental BOS meeting will be held in AEIE faculty room on 17.11.16 at 1:30 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) Progress of R16 3rd & 4th Sem syllabus**
- 2) Hands on Training for students**
- 3) Industry visit for students**
- 4) Miscellaneous**

Department of Electronics & Instrumentation Engineering
Minutes of the BOS Meeting held on 17/11/2016

BOS meeting was held on 17th November, 2016 in the EIE Faculty Room, at 1:30 pm in the presence of the following members

1. Prof.(Dr.) Sunit Kumar Sen, Professor, C.U
2. Dr. Achintya Das, Prof, & H.O.D,ECE, Kalyani Govt. Engineering College
3. Mr. Samiran Roy, Senior Procurement Specialist, Honeywell International India (Pvt. Ltd.)
4. Prof(Dr) Arun Kumar Mondal , H.O.D,ECE,GNIT
5. Mr.S.Kuila, H.O.D,EIE,GNIT, Chairman,BOS
6. Mr. A.K.Chakrabarty, Asstt Prof,EIE,GNIT
7. Mrs. J. Datta, Asstt Prof,EIE,GNIT
8. Mrs. P.Banerjee, Asstt Prof,EIE,GNIT
9. Ms U. Ghosh, Asstt Prof,EIE,GNIT
10. Mrs. S. Maity, Asstt Prof,EIE,GNIT
11. Mrs. B. Roy, Asstt Prof,EIE,GNIT
12. Mrs. S.Das, Asstt Prof,EIE,GNIT

Agenda of the meeting:

- 1) Progress of R16 3rd & 4th Sem syllabus**
- 2) Hands on training for students**
- 3) Industry visit for students**
- 4) Miscellaneous**

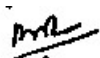
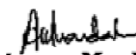
Discussions and decisions:

1. The Convener and the Chairman of BOS, Dept of EIE welcome all the members of the Meeting and formally intimated about the agenda to be discussed.
2. Proposed AEIE R-16 3rd & 4th semester syllabus was checked and discussed by external experts. They recommend some modifications. All the syllabus coordinator of different subject noted down the recommended changes.
3. Department should provide/arrange few courses/training like PLC & SCADA, Embedded system, Electronics Circuit Design for students to make them industry ready.
4. External members suggested name of some renowned industry for industry visit.

The meeting ended with vote of thanks.



(S. Kuila)
Head of the Department
Electronics & Instrumentation Engineering Dept.



GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

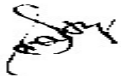
NOTICE

Date : 25.05.17

A Departmental BOS meeting will be held in conference hall of GNIT on 02.06.17 at 2:00 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) R16 3rd & 4th sem syllabus finalization**
- 2) Miscellaneous**



(Suparna Maity)

Convenor of BOS-AEIE.

GURUNANAK INSTITUTE OF TECHNOLOGY
DEPARTMENT OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

Minutes of the meeting held on 02.06.17 at 2.00pm in the conference hall of GNIT :

The meeting was held at the aforesaid date & venue, where the following members were present.

1. Prof. Dr. Annapurna Das, Director, GNIT
2. Prof. Dr. Santanu Kr. Sen, Principal, GNIT
3. Prof. Rajib Bandyopadhyay, Professor, Jadavpur University
4. Prof. Sunit Kumar Sen, Professor, University of Calcutta
5. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
6. Mrs. Bapita Roy, Head of the Department, EIE, GNIT
7. Mrs. Suparna Maity, Asst. Prof., EIE, GNIT
8. Mrs. Santana Das, Asst. Prof., EIE, GNIT
9. Mrs. Paramita Banerjee, Asst. Prof., EIE, GNIT
10. Mrs. Sanghamitra Layek, Asst. Prof., EIE, GNIT

Discussions took place on the following issues and the following resolutions were taken by the members present in the meeting.

1. Brief discussion on the autonomy curriculum of EIE department from 1st to 8th semester.

Suggestions:

- a. The Paper name Control Theory is to be changed to Control Engineering
- b. The Paper name Control laboratory is to be changed to Control Engineering laboratory
- c. The Paper name Antenna Theory & Propagation laboratory is to be changed to Antenna & Propagation laboratory
- d. The Paper name Optoelectronics & Fibre Optics is to be changed to Optoelectronics & Fibre Optic Sensors

2. Remarks by the BOS experts on the autonomy syllabus of third semester:

3rd sem:

Theory:

Analog Electronic Circuits(EI 301):

- a. Title of module I is changed to Small Signal Amplifiers
- b. Content under module III is to be rearranged
- c. One lecture is to be assigned to Introduction to Analog Integrated Circuits

Digital Electronic Circuits (EI 302):

- a. One lecture should be assigned to Introduction to Digital Integrated Circuits

- b. In module I under Introduction ,functions of Digital logic is to be removed
- c. In module I under Number Systems, signed binary number representation with 1's and 2's complement methods is to be replaced by signed binary number representation with 1's and 2's complement methods and application
- d. In module III under the topic Sequential Circuits Design, excitation table is to be removed & state equation is to be included.
- e. In module IV under different types of A/Ds and D/As converter, concept of sampling is to be included.

Circuit Theory and Networks (EI 303): ok

Electrical & Electronic Measurement & Instrumentation (EI 304):

- a. In module II, DC bridge & AC bridge is to be mentioned separately
- b. In module II, magnitude and phase balance of AC bridge is to be included after bridge balance equation
- c. In module II under topic Basic concept of Potentiometer and Energy meter , wattmeter is to be included
- d. In module IV , Interference and noise is to be changed to Interference signals & their eliminations

Practical:

Analog Electronic Circuits Lab(EI391):

- a. Name of the 10th experiment is to be changed to Design & Testing of Wien bridge oscillator
- b. Name of the 2nd experiment is to be changed to Study of a two stage R-C coupled amplifier & study of input impedance, output impedance & frequency response
- c. In 5th, 6th & 7th experiment LM 741 is to be replaced by Op-amp.

Digital Electronic Circuits Lab(EI392): ok

Circuits and Networks Lab(EI393): ok

Technical Skill development-I(MC381): The content of Technical Skill Development is to be Skill Development for Signal Simulation and Analysis using MATLAB

3. Remarks by the BOS experts on the syllabus of fourth semester:

Theory:

Sensors and Transducers (EI401):

- a. In module I under inductive Sensing Element response is to be replaced by characteristics curve.
- b. Introduction to temperature sensor is to be removed from module III
- c. Advanced sensor is to be replaced by Miscellaneous sensor in module IV under which first topic is to be IC temperature sensor

Microprocessors and Microcontrollers (EI402): ok

Field theory (EI403): The paper name should be Electromagnetic Theory & Transmission Line

Practical:

Sensors and Transducers Lab(EI491): ok

Microprocessor and Microcontrollers Lab (EI492): Name of second experiment is to be changed to program development using basic instruction set(data transfer, load/store, arithmetic, logical) using 8085 trainer kit

Electrical & Electronic Measurement & Instrumentation Lab (EI493): ok

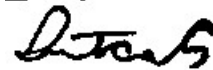
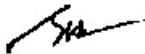
4. Miscellaneous:

- a. In each practical paper one extra mural experiment must be included.
- b. In all theory subject one class should be allotted for Introduction of the subject.
- c. It was also decided that CO and PO mapping of the course should be done for all courses

The meeting was ended with the vote of thanks.



(Mrs. Bapita Roy)
H.O.D.- AEIE.



GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 13.10.17

A Departmental BOS meeting will be held in conference hall of GNIT on 20.10.17 at 2:00 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) Progress of 5th semester syllabus**
- 2) Role of department in placement**
- 3) Suggestion regarding the online course material**
- 4) Industry oriented training for students**
- 5) Miscellaneous**



(Suparna Maity)

Convenor of BOS-AEIE.

GURUNANAK INSTITUTE OF TECHNOLOGY
DEPARTMENT OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

Minutes of the meeting held on 20.10.17 at 2.00pm in the conference hall of GNIT :

The meeting was held at the aforesaid date & venue, where the following members were present.

1. Prof. Dr. Annapurna Das, Director, GNIT
2. Prof. Satish Ch. Bera, Professor, University of Calcutta
3. Prof. Sunit Kumar Sen, Professor, University of Calcutta
4. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
5. Mrs. Rajanya Chakraborty, Software Developer, Cognizant Technologies Pvt. Ltd.
6. Mrs. Bapita Roy, Head of the Department, EIE, GNIT
7. Dr. Adhish Kr. Chakraborty, Asst. Prof., EIE, GNIT
8. Mrs. Jayita Datta, Asst. Prof., EIE, GNIT
9. Mrs. Paramita Banerjee, Asst. Prof., EIE, GNIT
10. Mrs. Santana Das, Asst. Prof., EIE, GNIT
11. Mrs. Suparna Maity, Asst. Prof., EIE, GNIT
12. Mr. Sudip Kuila, Asst. Prof., EIE, GNIT
13. Ms. Sanghamitra Layek, Asst. Prof., EIE, GNIT
14. Ms. Uma Ghosh, Asst. Prof., EIE, GNIT
15. Smt. Saswati Chakraborty, JTA, GNIT
16. Smt. Nabamita Paul, JTA, GNIT
17. Sri M. Dutta, JTA, GNIT

Discussions took place on the following issues and the following resolutions were taken by the members present in the meeting

1. Progress of 5th semester syllabus

Experts had gone through the progress of 5th semester syllabus of AEIE department and suggested some modifications.

2. Role of department in placement

- Placement through alumni
- Brush up of industry related subjects of final year students

3. Suggestion regarding the online course material

After completion of all online courseware material, expert will review the material & accordingly they will give suggestion.

4. Industry oriented training for students

Training on, .NET ,JAVA ,MATLAB with PLC,SCADA, DCS are to be arranged.

The meeting was ended with the vote of thanks.

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(Mrs. Bapita Roy)
H.O.D.- AEIE.

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GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 19.02.18

A Departmental BOS meeting will be held in conference hall of GNIT on 01.03.18 at 2:30 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) Finalization of 5th semester syllabus**
- 2) Finalization of 6th semester syllabus**
- 3) Placement in Core Industry**
- 4) Miscellaneous**



(Suparna Maity)

Convenor of BOS-AEIE.

GURUNANAK INSTITUTE OF TECHNOLOGY
DEPARTMENT OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

Minutes of the meeting held on 01.03.18 at 2.30pm in the conference hall of GNIT :

The meeting was held at the aforesaid date & venue, where the following members were present.

1. Prof. Dr. Annapurna Das, Director, GNIT
2. Prof. Dr. Santanu Kr. Sen, Principal, GNIT
3. Prof. Satish Ch. Bera, Professor, University of Calcutta
4. Prof. Rajib Bandyopadhyay, Professor, Jadavpur University
5. Prof. Sunit Kumar Sen, Professor, University of Calcutta
6. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
7. Mrs. Rajanya Chakraborty, Software Developer, Cognizant Technologies Pvt. Ltd.
8. Mrs. Bapita Roy, Head of the Department, EIE, GNIT
9. Mrs. Suparna Maity, Asst. Prof., EIE, GNIT
10. Mrs. Jayita Datta, Asst. Prof., EIE, GNIT
11. Mrs. Paramita Banerjee, Asst. Prof., EIE, GNIT
12. Mrs. Sanghamitra Layek, Asst. Prof., EIE, GNIT

Discussions took place on the following issues and the following resolutions were taken by the members present in the meeting

1. Finalization of 5th semester syllabus:

Theory:

Industrial Instrumentation (EI501):

- I. Prerequisite, Course Objective, Course Outcome are to be Included
- II. In module 1, Characteristics of Elastic Pressure Sensor, Diaphragm, Bellows are to be added
- III. In module 2 flow nozzle, Hydrostatic type level measurement is to be added
- IV. In module 3 Hydrostatic type level measurement is to be added
- V. In module 4 Linearization techniques of thermocouples, thermowell are to be added

The following books are to be included

- I. B. G. Liptak: 'Instrument Engineers Handbook', vol-I and vol-II, Chilton Book Co. Philadelphia
- II. Ernest O. Doebelin, 'Measurement Systems – Application and Design', Tata-McGraw Hill
- III. S.K.Sen, 'Measurement Techniques in Industrial Instrumentation', New Age International.

Analog & Digital Communication Theory (EI 502):

- I. Prerequisites for Analog & Digital Communication Theory (EI502) are to be added.
- II. Quantization theory should be shifted to Module-2.
- III. CDMA should be mentioned in Module 4.
- IV. Optimum filter and correlation filter are to be added in Module 4.
- V. Shanon-Fano algorithm for encoding, channel coding and information capacity theorem are to be deleted from the syllabus.
- VI. Error correction coding is to be added in Module 5.
- VII. Principles of Communication Systems, Taub and Schilling, Tata McGraw-Hill Education is to be added as reference text book.

Control Engineering (EI 503):

- I. Open loop and close loop system and their comparison.(Module I)
- II. Signal flow graphs: Mason's gain formula.(Module I)
- III. Review of standard test signals-Step, Ramp, Impulse, and sinusoid.(Module I)
- IV. Realization of basic compensators- Lead, Lag, Lag-Lead compensator.(Module III)

Digital Signal Processing (EI 504A):

- I. Pre-requisite is to be incorporated as it is necessary for any subject.
- II. The recapitulation of signals & systems and relevance of DSP are to be incorporated.
- III. Concept of Chebyshev filters and comparison with Butterworth filter and some examples on practical filters are to be included in module III.
- IV. FPGA is not required.

RF & Microwave Engineering (EI 504B):

- I. Prerequisite is to be added
- II. Introduction to RF & Microwave signal is to be added

Antenna Theory & Propagation (EI 504C): Points to be Added/Deleted:

- I. Basic concept of electromagnetic wave, Maxwell's equation in differential and integral form and its interpretation. Vector calculus.
- II. Isotropic ,Omni directional radiation
- III. Folded dipole, Yagi-uda Array to be added in Module -II
- IV. To be deleted from module -III: Applications (including frequency at which used), advantages and disadvantages, major design principles and equations (without long and detailed derivations)
- V. Different types of EM wave propagation: Ground wave, Ionospheric wave, Skywave Ground and their expression
Practical:

Control Engineering Laboratory (EI 593):

- I. Name of some experiments is to be changed.
- II. One extramural experiment is to be included in the syllabus.

Technical Skill Development (MC581):

Name of the paper changed to Design & Development of IOT Based Instrumentation System from the paper name Internet of Things.

2. Finalization of 5th semester syllabus: Theory:

Industrial Instrumentation (EI501):

- VI. Prerequisite, Course Objective, Course Outcome are to be Included
- VII. In module 1, Characteristics of Elastic Pressure Sensor, Diaphragm, Bellows are to be added
- VIII. In module 2 flow nozzle, Hydrostatic type level measurement is to be added
- IX. In module 3 Hydrostatic type level measurement is to be added
- X. In module 4 Linearization techniques of thermocouples, thermowell are to be added

The following books are to be included

- IV. B. G. Liptak: 'Instrument Engineers Handbook', vol-I and vol-II, Chilton Book Co. Philadelphia
- V. Ernest O. Doebelin, 'Measurement Systems – Application and Design', Tata-McGraw Hill
- VI. S.K.Sen, 'Measurement Techniques in Industrial Instrumentation', New Age International.

Analog & Digital Communication Theory (EI 502):

- VIII. Prerequisites for Analog & Digital Communication Theory (EI502) are to be added.
- IX. Quantization theory should be shifted to Module-2. X. CDMA should be mentioned in Module 4.
- XI. Optimum filter and correlation filter are to be added in Module 4.

- XII. Shanon-Fano algorithm for encoding, channel coding and information capacity theorem are to be deleted from the syllabus.
- XIII. Error correction coding is to be added in Module 5.
- XIV. Principles of Communication Systems, Taub and Schilling, Tata McGraw-Hill Education is to be added as reference text book.

Control Engineering (EI 503):

- V. Open loop and close loop system and their comparison.(Module I)
- VI. Signal flow graphs: Mason's gain formula.(Module I)
- VII. Review of standard test signals-Step, Ramp, Impulse, and sinusoid.(Module I)
- VIII. Realization of basic compensators- Lead, Lag, Lag-Lead compensator.(Module III)

Digital Signal Processing (EI 504A):

- V. Pre-requisite is to be incorporated as it is necessary for any subject.
- VI. The recapitulation of signals & systems and relevance of DSP are to be incorporated.
- VII. Concept of Chebyshev filters and comparison with Butterworth filter and some examples on practical filters are to be included in module III.
- VIII. FPGA is not required.

RF & Microwave Engineering (EI 504B):

- III. Prerequisite is to be added
- IV. Introduction to RF & Microwave signal is to be added

Antenna Theory & Propagation (EI 504C): Points to be Added/Deleted:

- VI. Basic concept of electromagnetic wave, Maxwell's equation in differential and integral form and its interpretation. Vector calculus.
- VII. Isotropic ,Omni directional radiation
- VIII. Folded dipole, Yagi-uda Array to be added in Module -II
- IX. To be deleted from module -III: Applications (including frequency at which used), advantages and disadvantages, major design principles and equations (without long and detailed derivations)
- X. Different types of EM wave propagation: Ground wave, Ionospheric wave, Skywave Ground and their expression

Practical:

Control Engineering Laboratory (EI 593):

- III. Name of some experiments is to be changed.
- IV. One extramural experiment is to be included in the syllabus.

Technical Skill Development (MC581):

Name of the paper changed to Design & Development of IOT Based Instrumentation System from the paper name Internet of Things.

3. Placement in Core Industry:

- I. Experts present in the meeting suggested to conduct industry mentor meet frequently.
- II. They also asked to invite CEOs of different industries as chairperson of different seminar, workshop. III. To make the students industry ready experts also suggested to increase the number of industry visit.

4. Miscellaneous:

- I. Pre requisite, Course objective, Course outcome and CO- PO mapping of each subjects must be included.

The meeting was ended with the vote of thanks.

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(Mrs. Bapita Roy)
H.O.D.- AEIE.

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Achintya Roy

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R. B. Roy

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J. D. Roy

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GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 12.07.18

A Departmental BOS meeting will be held in conference hall of GNIT on 17.07.18 at 3:00 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) Finalization of the autonomy curriculum of R18 regulation (2018-2019 admission batch)**
- 2) New subjects introduction depending on current trend**
- 3) Subjects introduction considering Employability, Entrepreneureship, Soft Skill & Technical Skill development**
- 4) Final year Project Allocation, Execution & Evaluation Process**
- 5) Beyond Curriculum Training**
- 6) Miscellaneous**



(Suparna Maity)

Convenor of BOS-AEIE.

**GURUNANAK INSTITUTE OF TECHNOLOGY & NARULA INSTITUTE OF TECHNOLOGY DEPARTMENT
OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING**

Minutes of the meeting held on 17.07.18 at 3.00pm in the conference hall of GNIT :

The meeting was held at the aforesaid date & venue, where the following members were present.

1. Prof. Satish Ch. Bera, Professor, University of Calcutta
2. Prof. Sunit Kumar Sen, Professor, University of Calcutta
3. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
4. Mrs. Rajanya Chakraborty, Software Developer, Cognizant Technologies Pvt. Ltd.
5. Mrs. Bapita Roy, Head of the Department, AEIE, GNIT
6. Dr. Adhish kr. Chakrabarty, Asst. Prof., AEIE, (Registrar in Charge) GNIT
7. Mrs. Suparna Maity, Asst. Prof., AEIE, GNIT
8. Dr. Paramita Banerjee, Asst. Prof., AEIE, GNIT
9. Mrs. Sanghamitra Layek, Asst. Prof., AEIE, GNIT
10. Mrs. Santana Das, Asst. Prof., AEIE, GNIT
11. Mr. Sudip Kuila, Asst. Prof., AEIE, GNIT
12. Mr. Mrinmoy Dutta, JTA, AEIE, GNIT
13. Mrs. Saswati Chatterjee, JTA, AEIE, GNIT
14. Mrs. Nabamita Paul, JTA, AEIE, GNIT

Discussions took place on the following issues and the following resolutions were taken by the members present in the meeting

Agenda:

1. Finalization of the autonomy curriculum of R18 regulation (2018-2019 admission batch):

The R18 Curriculum (2018-2019 admission batch) of AEIE department was modified according to the suggestions of the BOS experts discussed in the last meeting.

- **New subjects introduction depending on current trend :**

BOS experts appreciated the revised syllabus. Some subjects are added in the new curriculum depending on the current trend .

- **Subjects introduction considering Employability, Entrepreneurship, Soft Skill & Technical Skill development**

Like R-16 curriculum , this new curriculum also made considering Employability, Entrepreneurship, Soft Skill & Technical Skill development

The present modified version of R18 curriculum was approved by all the aforesaid members present in the meeting.

2. Final year Project Allocation, Execution & Evaluation Process:

A detailed discussion regarding final year project allocation, execution & evaluation among all external & internal members of BOS took place in the meeting. According to the discussion department decided the procedure of project allocation, execution & evaluation. Details of procedure are attached with the document.

3. Beyond Curriculum Training:

Following beyond curriculum training for 5th & 7th semester students has been decided in the meeting
IOT based Instrumentation system - 5th semester

Advanced process Control Using PLC & DCS-7th semester

For next 4th & 6th semester students beyond curriculum training -

Advanced Microprocessors & Microcontrollers & AutoCAD for Industrial Automation – 6th semester

Introduction To Matlab Programing-4th semester

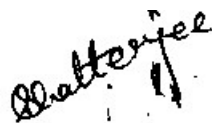
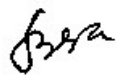
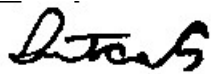
4. Miscellaneous

BOS experts advised to motivate the students for doing the MOOCs courses

The meeting was ended with the vote of thanks.



(Mrs. Bapita Roy)
H.O.D.- AEIE.



GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

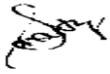
NOTICE

Date : 05.03.19

A Departmental BOS meeting will be held in conference hall of GNIT on 13.03.19 at 3:00 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) Progress of R16 7th & 8th sem syllabus**
- 2) Final year Project Allocation, Execution & Evaluation Process**
- 3) BCT Training**
- 4) Miscellaneous**



(Suparna Maity)

Convenor of BOS-AEIE.

**GURUNANAK INSTITUTE OF TECHNOLOGY & NARULA INSTITUTE OF TECHNOLOGY DEPARTMENT
OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING**

Minutes of the meeting held on 13.03.19 at 3.00pm in the conference hall of GNIT :

The meeting was held at the aforesaid date & venue, where the following members were present.

1. Prof. Satish Ch. Bera, Professor, University of Calcutta
2. Prof. Sunit Kumar Sen, Professor, University of Calcutta
3. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
4. Mrs. Rajanya Chakraborty, Software Developer, Cognizant Technologies Pvt. Ltd.
5. Mrs. Bapita Roy, Head of the Department, AEIE, GNIT
6. Dr. Adhish kr. Chakrabarty, Asst. Prof., AEIE, (Registrar in Charge) GNIT
7. Mrs. Suparna Maity, Asst. Prof., AEIE, GNIT
8. Dr. Paramita Banerjee, Asst. Prof., AEIE, GNIT
9. Mrs. Sanghamitra Layek, Asst. Prof., AEIE, GNIT
10. Mrs. Santana Das, Asst. Prof., AEIE, GNIT
11. Mr. Sudip Kuila, Asst. Prof., AEIE, GNIT
12. Mr. Mrinmoy Dutta, JTA, AEIE, GNIT
13. Mrs. Saswati Chatterjee, JTA, AEIE, GNIT
14. Mrs. Nabamita Paul, JTA, AEIE, GNIT

1. Progress of R16 7th & 8th sem syllabus

External members of BOS reviewed the progress of 7th & 8th semester R-16 syllabus and gave their opinion. All the syllabus coordinators were asked to follow these guidelines.

2. Finalization of Student Project

Project for the students of 3rd, 5th & 7th semester were already selected by the faculty members of the department. All external members of BOS thoroughly checked the details of project and finalized.

3. BCT Training

Following beyond curriculum training for 3rd & 5th semester students has been decided in the meeting:

C Programming & AutoCAD for Industrial Automation – 3rd Semester

Microcontroller Programming & LabVIEW-5th semester

4. Miscellaneous

BOS experts advised to motivate the students for doing the NPTEL courses

The meeting was ended with the vote of thanks.

Mr.

(Mrs. Bapita Roy)
H.O.D.- AEIE.

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GURU NANAK INSTITUTE OF TECHNOLOGY
Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 21.11.19

A Departmental BOS meeting will be held in conference hall of GNIT on 27.11.19 at 3:00 p.m. to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1) R16 7th & 8th sem syllabus finalization**
- 2) R18 3rd & 4th sem syllabus revision**
- 3) BCT Training**
- 4) Miscellaneous**



(Suparna Maity)

Convenor of BOS-AEIE.

GURUNANAK INSTITUTE OF TECHNOLOGY

DEPARTMENT OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

Minutes of the meeting held on 27.11.19 at 3.00pm in the conference hall of GNIT :

The meeting was held at the aforesaid date & venue, where the following members were present.

1. Prof. Sunit Kumar Sen, Professor, University of Calcutta
2. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
3. Mrs. Rajanya Chakraborty, Software Developer, Cognizant Technologies Pvt. Ltd.
4. Mrs. Bapita Roy, Head of the Department, AEIE, GNIT
5. Dr. Adhish kr. Chakrabarty, Asst. Prof., AEIE, (Registrar in Charge) GNIT
6. Mrs. Suparna Maity, Asst. Prof., AEIE, GNIT
7. Dr. Paramita Banerjee, Asst. Prof., AEIE, GNIT
8. Mrs. Sanghamitra Layek, Asst. Prof., AEIE, GNIT
9. Mrs. Santana Das, Asst. Prof., AEIE, GNIT
10. Mr. Sudip Kuila, Asst. Prof., AEIE, GNIT
11. Mr. Mrinmoy Dutta, JTA, AEIE, GNIT
12. Mrs. Saswati Chatterjee, JTA, AEIE, GNIT
13. Mrs. Nabamita Paul, JTA, AEIE, GNIT

Discussions took place on the following issues and the following resolutions were taken by the members present in the meeting

1. Finalization of R-16 7th & 8th semester

Syllabus of all the departmental papers were checked and corrected by the experts. Most of the Coordinators of different subjects were present in the meeting and noted down the corrections of their own subject.

Some major corrections are mentioned:

1. In Plant Automation IIOT must be included
2. Pre-requisite of the Bio medical has to be changed
3. Every practical paper must have an extra mural experiment
4. Every paper must have course objective, course outcome and CO-PO mapping
5. The satellite telemetry part of the Telemetry and remote control must be modified
6. The format must be same and some other minor changes were mentioned.

2. Finalization of the R18 3rd & 4th semester syllabus:

BOS members were suggested to revise course objectives & course outcomes of few subjects. Also some modification on the subjects mentioned. Coordinators of the subjects were requested to incorporate the modifications in the new syllabus.

3. BCT Training:

Following beyond curriculum training for 4th & 6th semester students has been decided in the meeting

OOP with C++ & Python- 6th semester

Introduction to MATLAB programming & IoT based Instrumentation -4th semester

Beyond curriculum training for 3rd, 5th & 7th semester students for July-December 2020 session

C Programming & MATLAB Programming-3rd Semester

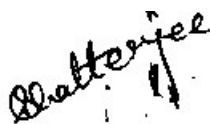
C++/JAVA & Lab View Programming-5th semester

Python & JAVA – 7th semester

The meeting was ended with the vote of thanks.



(Mrs. Bapita Roy)
H.O.D.- AEIE.



GURU NANAK INSTITUTE OF TECHNOLOGY

Department of Applied Electronics & Instrumentation Engineering

NOTICE

Date : 21.09.20

A Departmental BOS meeting will be held on 25.09.20 at 11.00 am on online platform to discuss the following agenda. All Faculty and Technical Staff members are requested to attend the meeting.

Agenda:

- 1. R18 5th & 6th sem syllabus finalization**
- 2. Finalization of Student Project**



(Suparna Maity)

Convenor of BOS-AEIE.

GURUNANAK INSTITUTE OF TECHNOLOGY
DEPARTMENT OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING

Minutes of the meeting held on 25.09.20 at 11.00 am on online platform:

The meeting was held at the aforesaid date , where the following members were present.

1. Prof. Satish Ch. Bera, Professor, University of Calcutta
2. Prof. Sunit Kumar Sen, Professor, University of Calcutta
3. Prof. Achintya Das, Professor, Kalyani Govt. Engineering College
4. Mrs. Rajanya Chakraborty, Software Developer, Cognizant Technologies Pvt. Ltd.
5. Mrs. Bapita Roy, Head of the Department, AEIE, GNIT
6. Mrs. Bansari Deb Majumder, TIC, EIE, NIT
7. Dr. Adhish kr. Chakrabarty, Asst. Prof., AEIE, (Registrar in Charge) GNIT
8. Dr. Paramita Banerjee, Asst. Prof., AEIE, GNIT
9. Mrs. Santana Das, Asst. Prof., AEIE, GNIT
10. Mrs. Suparna Maity, Asst. Prof., AEIE, GNIT
11. Mr. Mrinmoy Dutta, JTA, AEIE, GNIT
12. Mrs. Saswati Chatterjee, JTA, AEIE, GNIT
13. Mrs. Nabamita Paul, JTA, AEIE, GNIT

Discussions took place on the following issues and the following resolutions were taken by the members present in the meeting

1. Finalization of R-18 5th & 6th sem Syllabus :

Syllabus of 5th & 6th semester of R-18 were finalized. Some modifications were suggested by the experts present in the meeting. All syllabus coordinators were requested to modify the syllabus accordingly.

2. Finalization of Student Project:

Project for the students of 3rd, 5th & 7th semester were already selected by the faculty members of the department. All external members of BOS thoroughly checked the details of project and finalized. It was also suggested to conduct IoT based project.

The meeting was ended with the vote of thanks.

Mr.

(Mrs. Bapita Roy)
H.O.D. - AEIE.

Bera

Ashwini Kumar

P

Bansari Deb Majumdar

Banerjee

Mr.

SG

SG

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Shatterjee

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