



SANT BABA BHAG SINGH UNIVERSITY

Vill. Khiala, P.O. Padhiana, Distt. Jalandhar - 144 030 (PB.)
Recognized by UGC under Section 2(f) of UGC Act, 1956.

Ref. No. SRBSU/DA/20/052

Dated 30/07/2020

Dr. Arvind Dhingra,
Assistant Professor & Executive Director.(STEP-GNDEC)
Guru Nanak Dev Engineering College Ludhiana.

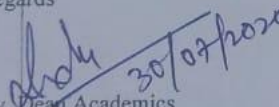
Subject: Invitation for Board of Studies Online Meeting in the Department of Electrical Engineering.

Respected Sir,

This is to bring to your kind notice that the online meeting of Board of Studies (BOS) of Department of Electrical Engineering, SBBSU Khiala, Jalandhar is going to held on 31/07/2020. You have been nominated as an expert for the BOS from the competent authority. I feel honor to invite you as an expert for the approval of course Scheme and Syllabus of B.Tech&M.Tech(Electrical Engineering). Your experience and expertise will be of great help to the Department and University.

You are requested to spare your valuable time to participate in the same on 31/07/2020.

Regards


Dy. Dean Academics
SBBS University

2020-7-30 17:47



SANT BABA BHAG SINGH UNIVERSITY

Vill. Khiala, P.O. Padhiana, Distt. Jalandhar - 144 030 (PB.)
Recognized by UGC under Section 2(f) of UGC Act, 1956.

Ref. No. SBBSU/PA/20/051

Dated 30/07/2020

2020-7-30 14:45

Dr. Balwant Raj
Assistant Professor
UIET Panjab University, Hoshiarpur.

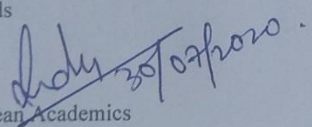
Subject: Invitation for Board of Studies Online Meeting in the Department of Electronics and Communication Engineering.

Respected Sir,

This is to bring to your kind notice that the online meeting of Board of Studies (BOS) of Department of Electronics and Communication Engineering, SBBSU Khiala, Jalandhar is going to held on 31/07/2020. You have been nominated as an expert for the BOS from the competent authority. I feel honour to invite you as an expert for the approval of course Scheme and Syllabus of B.Tech & M.Tech (Department of Electronics and Communication Engineering). Your experience and expertise will be of great help to the Department and University.

You are requested to spare your valuable time to participate in the same on 31/07/2020.

Regards


Dy. Dean Academics
SBBS University

SANT BABA BHAG SINGH UNIVERSITY

Department of Electronics and Communication Engineering.
Meeting Circular

2020-8-4 15:17

Ref. No. *EE-ECE/July06*

Dated: 30/07/2020

It is my pleasure to inform you that you have been appointed as a member of Board of Studies (Online) for B.Tech & M.Tech (Electronics and Communication Engineering).

List of BOS Members is given below:

| Sr. No. | Name | Subject | Designation | Institute | Position |
|---------|-------------------|---|---------------------|------------------------------------|--------------------------------|
| 1. | Dr. Indu Sharma, | Botany | Dy. Dean Academics | SBBSU | Chairperson <i>[Signature]</i> |
| 2 | Dr. Vijay Dhir | Computer Science | Dean UIET | SBBSU | Member <i>[Signature]</i> |
| 3. | Dr. Balwant Raj | Electronics and Communication Engineering | Assistant Professor | UIET Panjab University, Hoshiarpur | External Member |
| 4. | Er.Pardeep Singh | Electrical Engineering | AP & CoD EE | UIET | Member <i>[Signature]</i> |
| 5. | Er.Mandeep Kaur | Electronics and Communication Engineering | Assistant Professor | UIET | Member <i>[Signature]</i> |
| 6. | Er. Jagjeet Singh | Electronics and Communication Engineering | Assistant Professor | UIET | Member <i>[Signature]</i> |

Members from other Departments:

| S.No | Designation | Position |
|------|---|---------------------------|
| 1 | Dr. Seema Garg (Dy. Dean UICM, UIL & UICA) / Her representative | Member <i>[Signature]</i> |
| 2 | Dr. Vikas (Dy. Dean UISH) /His representative | Member <i>[Signature]</i> |
| 3 | Mr. Mandeep Singh(Dy. Dean UIE) | Member <i>[Signature]</i> |
| 4 | Director, Training & Placement/His or Her representative | Member <i>[Signature]</i> |

You are requested to attend the meeting online on 31/07/2020 at 1:30 pm. The detailed agenda of the meeting will be as follows:

1. Discussion and approval of course scheme and syllabus of B.Tech & M.Tech(Electronics and Communication Engineering).
2. Incorporation of amendments or suggestions, if any, as per the recommendations of above mentioned BOS Committee.

Thank you in anticipation.

[Signature]
Dr. Vijay Dhir
(Dean UIET)

SANT BABA BHAG SINGH UNIVERSITY

Department of Electrical Engineering.

Meeting Circular

Ref. No. EE-ECE/Jul02

Dated: 30/07/2020

It is my pleasure to inform you that you have been appointed as a member of Board of Studies (Online) for B.Tech & M.Tech (Electrical Engineering).

List of BOS Members is given below:

| Sr. No. | Name | Subject | Designation | Institute | Position |
|---------|---------------------|------------------------|---|--|-----------------|
| 1. | Dr. Indu Sharma, | Botany | Dy. Dean Academics | SBBSU | Chairperson |
| 2 | Dr. Vijay Dhir | Computer Science | Dean UIET | SBBSU | Member |
| 2. | Dr. Arvind Dhingra. | Electrical Engineering | Assistant Professor & Executive Director.(STEP-GNDEC) | Guru Nanak Dev Engineering College Ludhiana. | External Member |
| 3. | Er.Pardeep Singh | Electrical Engineering | AP & CoD EE | UIET | Member |
| 4 | Dr. Gurmanik Kaur | Electrical Engineering | Assistant Professor | UIET | Member |
| 5 | Er, Neha Kapila | Electrical Engineering | Assistant Professor | UIET | Member |

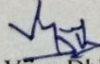
Members from other Departments:

| S.No | Designation | Position |
|------|---|----------|
| 1 | Dr. Seema Garg (Dy. Dean UICM, UIL & UICA) / Her representative | Member |
| 2 | Dr. Vikas (Dy. Dean UISH) /His representative | Member |
| 3 | Mr. Mandeep Singh(Dy. Dean UIE) | Member |
| 4 | Director, Training & Placement/His or Her representative | Member |

You are requested to attend the meeting online on 31/07/2020 at 1:30 pm. The detailed agenda of the meeting will be as follows:

1. Discussion and approval of course scheme and syllabus of B.Tech & M.Tech.(Electrical Engineering).
2. Incorporation of amendments or suggestions, if any, as per the recommendations of above mentioned BOS Committee.

Thank you in anticipation.


Dr. Vijay Dhir
(Dean UIET)

2020-8-4 15:18



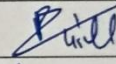
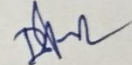
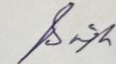
SANT BABA BHAG SINGH UNIVERSITY.
Department of Electrical Engineering.

Ref. no. EE-ECE/July 08

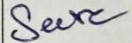
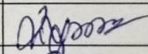


Dated: 30/07/2020

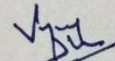
2020-8-4 15:17

Attendance Sheet

| Sr. No. | Name | Subject | Designation | Position | Signature |
|---------|-------------------|---|---------------------|------------------------------------|---|
| 1. | Dr. Indu Sharma, | Botany | Dy. Dean Academics | Chairperson |  |
| 2 | Dr. Vijay Dhir | Computer Science | Dean UIET | Member |  |
| 3. | Dr. Balwant Raj | Electronics and Communication Engineering | Assistant Professor | UIET Panjab University, Hoshiarpur | |
| 4. | Er.Pardeep Singh | Electrical Engineering | AP & CoD EE | Member |  |
| 5. | Er.Mandeep Kaur | Electronics and Communication Engineering | Assistant Professor | UIET |  |
| 6. | Er. Jagjeet Singh | Electronics and Communication Engineering | Assistant Professor | UIET |  |

Members from other Departments:

| S.No | Designation | Position | Signature |
|------|---|----------|---|
| 1 | Dr. Seema Garg (Dy. Dean UICM, UIL & UICA) / Her representative | Member |  |
| 2 | Dr. Vikas (Dy. Dean UISH) / His representative | Member |  |
| 3 | Mr. Mandeep Singh (Dy. Dean UIE) | Member |  |
| 4 | Director, Training & Placement / His or Her representative | Member |  |


Dr. Vijay Dhir
(Dean UIET)

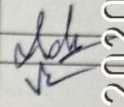
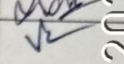
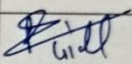
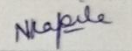
SANT BABA BHAG SINGH UNIVERSITY
Department of Electrical Engineering

Ref No - EE/ECE/July 03

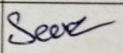
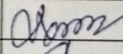
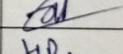
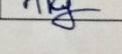
Dated: 30/07/2020

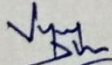
2020-21-415:18

Attendance Sheet

| Sr. No. | Name | Subject | Designation | Position | Signature |
|---------|---------------------|------------------------|---|-----------------|---|
| 1. | Dr. Indu Sharma, | Botany | Dy. Dean Academics | Chairperson |  |
| 2 | Dr. Vijay Dhir | Computer Science | Dean UIET | Member |  |
| 2. | Dr. Arvind Dhingra. | Electrical Engineering | Assistant Professor & Executive Director.(STEP-GNDEC) | External Member | |
| 3. | Er.Pardeep Singh | Electrical Engineering | AP & CoD EE | Member |  |
| 4 | Dr. Gurmanik Kaur | Electrical Engineering | Assistant Professor | Member | |
| 5 | Er, Neha Kapila | Electrical Engineering | Assistant Professor | Member |  |

Members from other Departments:

| S.No | Designation | Position | Signature |
|------|---|----------|---|
| 1 | Dr. Seema Garg (Dy. Dean UICM, UIL & UICA) / Her representative | Member |  |
| 2 | Dr. Vikas (Dy. Dean UISH) /His representative | Member |  |
| 3 | Mr. Mandeep Singh(Dy. Dean UIE) | Member |  |
| 4 | Director, Training & Placement/His or Her representative | Member |  |


Dr. Vijay Dhir
(Dean UIET)

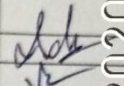
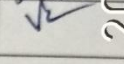
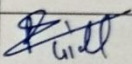
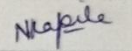
SANT BABA BHAG SINGH UNIVERSITY
Department of Electrical Engineering

Ref No - EE/ECE/July 03

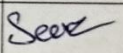
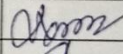
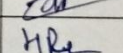
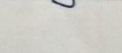
Dated: 30/07/2020

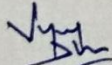
2020-21-415:18

Attendance Sheet

| Sr. No. | Name | Subject | Designation | Position | Signature |
|---------|---------------------|------------------------|---|-----------------|---|
| 1. | Dr. Indu Sharma, | Botany | Dy. Dean Academics | Chairperson |  |
| 2 | Dr. Vijay Dhir | Computer Science | Dean UIET | Member |  |
| 2. | Dr. Arvind Dhingra. | Electrical Engineering | Assistant Professor & Executive Director.(STEP-GNDEC) | External Member | |
| 3. | Er.Pardeep Singh | Electrical Engineering | AP & CoD EE | Member |  |
| 4 | Dr. Gurmanik Kaur | Electrical Engineering | Assistant Professor | Member | |
| 5 | Er, Neha Kapila | Electrical Engineering | Assistant Professor | Member |  |

Members from other Departments:

| S.No | Designation | Position | Signature |
|------|---|----------|---|
| 1 | Dr. Seema Garg (Dy. Dean UICM, UIL & UICA) / Her representative | Member |  |
| 2 | Dr. Vikas (Dy. Dean UISH) /His representative | Member |  |
| 3 | Mr. Mandeep Singh(Dy. Dean UIE) | Member |  |
| 4 | Director, Training & Placement/His or Her representative | Member |  |


Dr. Vijay Dhir
(Dean UIET)

SANT BABA BHAG SINGH UNIVERSITY

Department of Electronics and Communication Engineering

Ref. No. *EE-ECE/July07*

Dated: 30/07/2020

Subject: Proceeding of the meeting of Board of Studies (BOS) of department of Electronics and Communication Engineering.

The following agenda was discussed and approved as follows:

1. Approval of course scheme and syllabus of B.Tech & M.Tech for the admissions 2020
2. Amendments of any suggestions by the experts regarding scheme and syllabus.

The following members approved the course curriculum and syllabus.

| Sr. No. | Name | Subject | Designation | Institute | Position |
|---------|-------------------|---|---------------------|------------------------------------|--------------------------------|
| 1. | Dr. Indu Sharma, | Botany | Dy. Dean Academics | SBBSU | Chairperson <i>[Signature]</i> |
| 2 | Dr. Vijay Dhir | Computer Science | Dean UIET | SBBSU | Member <i>[Signature]</i> |
| 3. | Dr. Balwant Raj | Electronics and Communication Engineering | Assistant Professor | UIET Panjab University, Hoshiarpur | External Member |
| 4. | Er.Pardeep Singh | Electrical Engineering | AP & CoD EE | UIET | Member <i>[Signature]</i> |
| 5. | Er.Mandeep Kaur | Electronics and Communication Engineering | Assistant Professor | UIET | Member <i>[Signature]</i> |
| 6. | Er. Jagjeet Singh | Electronics and Communication Engineering | Assistant Professor | UIET | Member <i>[Signature]</i> |

Members from other Departments:

| S.No | Designation | Position |
|------|---|---------------------------|
| 1 | Dr. Seema Garg (Dy. Dean UICM, UIL & UICA) / Her representative | Member <i>[Signature]</i> |
| 2 | Dr. Vikas (Dy. Dean UISH) /His representative | Member <i>[Signature]</i> |
| 3 | Mr. Mandeep Singh(Dy. Dean UIE) | Member <i>[Signature]</i> |
| 4 | Director, Training & Placement/His or Her representative | Member <i>[Signature]</i> |

[Signature]
Dr. Vijay Dhir
(Dean UIET)

2020-8-4 15:17



Sant Baba Bhag Singh University

(University Established under Punjab Act No.6 of 2015)
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

2020-8-4 15:19

External Expert Review Performa For Board of Studies

B.Tech EE (2020-21)

Name of External Expert : Dr. Arvind Dhingra
Discipline : Electrical Engineering
Designation : Assistant Professor & Executive Director (STEP-GNDU)
Organization (Name & Address) : Guru Nanak Dev Engineering College Ludhiana.
Contact No. : 9814163429
E-Mail ID : arvinddhingra@hotmail.com
Date of Visit/Meeting : 31/07/2020

Reviewer's Comments :-

1. Introduction of machines in Electrical Machines subject is required to be added.
2. In Circuit theory subject for third semester, word correction from real ability to realizability. Reference book Circuit Theory by Edminister to be added.
3. Format of numbering for OOPS practicals required.
4. In Linear Control Systems, Nyquist Plot along with polar plot may be added.
5. Subject of Mathematics-III is a pre requisite for Circuit Theory so should be in third semester along with circuit theory subject. Digital Electronics subject may be shifted from third to fourth semester.
6. In syllabus for Measurements & Instrumentation under chapter 1 full form of abbreviations like Cp, Cpk should be given. Along with sensors, actuators may also be added.
7. Under Energy Auditing subject, it should be energy conservation Act 2003
8. In various subjects like Energy Auditing and management, Power electronics, power system protection, there are engagement hours mentioned or lectures mentioned against each chapter. This should either be removed or be followed uniformly all across.
9. Under Electrical Machine Design subject, third reference book is a purely drawing based book and needs to be replaced.
10. Power Systems -II lab has only 7 experiments; this number to be increased to atleast 10.
11. In some subjects, pre requisites, type of course is missing which may be added
12. In subject of No Conventional Energy resources, Biomass, MHD, Fuel cell may be added to make syllabus more comprehensive

Arvind Dhingra

Signature

Date...31.7.2020.

❖ Use extra sheet(s) if required.

[Signature]
Coordinator/HOD's/Dean's
31/7/2020

[Signature]
Dean Academics



Sant Baba Bhag Singh University

(University Established under Punjab Act No.6 of 2015)
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

M.Tech EE (2020-21)

Name of External Expert : Dr. Arvind Dhingra
Discipline :Electrical Engineering
Designation :Assistant Professor & Executive Director(STEP-GNDEC)

Organization (Name & Address) : Guru Nanak Dev Engineering College Ludhiana.

Contact No. : 9814163429
E-Mail ID : arvinddhingra@hotmail.com
Date of Visit/Meeting : 31/07/2020

Reviewer's Comments :-

- | |
|---|
| 1. Under subject, Power System Analysis WARD REI equivalent needs to be rechecked and formatted |
| 2. Power System Dynamics syllabus is too broad. It needs to be elaborated. |
| 3. Same for Digital control systems, especially unit IV |
| 4. In Electrical power distribution system, include Energy Management Systems |
| 5. In subject for Research Methodology & IPR, no IPR is included. |
| 6. Course No. 518 should be Distributed Generation Systems |
| 7. Under Course no.607, add Energy conservation Act |

❖ Use extra sheet(s) if required.

Signature

Date...31.7.2020.

Coordinator/HOD's/Dean's 31.7.2020

Dean Academics

2020-8-4 15:19



Sant Baba Bhag Singh University

(University Established under Punjab Act No.6 of 2013)
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies B.Tech ECE (2020-21)

Name of External Expert : Dr. Balwant Raj
Discipline : Electronics and Communication Engineering
Designation : Assistant Professor
Organization (Name & Address) : UIET Panjab University SSG Regional Centre, Hoshiarpur.
Contact No. : 9855205439
E-Mail ID : erbalwantraj@gmail.com
Date of Online Meeting : 31/07/2020

Reviewer's Comments :- In reference to syllabus scheme of B.Tech ECE SBBS University:
In my views, the list of subjects and their contents are appropriate and meeting the demands
of industry which can further equip the students with desirable skills and increase their
employability.

❖ Use extra sheet(s) if required.

Signature

Date... 31/07/2020

Coordinator/HOD's/Dean's Dean Academics

2020-8-6 09:19