I K Gujral Punjab Technical University- Jalandhar, Kapurthala
2nd Meeting of Board of Studies (Electrical Engineering), Main and Constituent Campuses (2019-21)

<u>**Minutes of Meeting (on line/video conferencing) held on 21st May, 2020**</u>

The 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) was held online/video conferencing under the Chairmanship of Prof. (Dr) Y S Brar on **21st May, 2020 (Thursday)** at 11:00am.

The details of the online meeting:
Meeting link: **https://ptu.webex.com/ptu/j.php?MTID=m13d4f0a0b2a9ce4d5906a7c17ca87d7d**
Meeting number: **918 425 519**
Password: **r22jKmidpR8**

The following members were present
  Dr Y S Brar, Chairman
  Dr Yog Raj Sood
  Dr Jagdish Kumar
  Dr Ashwani Kumar
  Dr Dilbagh Singh
  Dr Gagandeep Kaur
  Dr Kanwardeep Singh
  Dr Rakesh Kumar
  Dr Akhil Gupta
  Dr Naveen Sharma, Special Invitee
  Dr Deepika Bhalla, Coordinator

The meeting started with the welcome address to the Members of BoS (EE) and special invitee by the Prof. (Dr) Y S Brar.

A. Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Discussions and Decisions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved in the 1st Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken: Adopted**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken: Adopted**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: - BTEE-101-18 Basic Electrical Engineering - BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary changes were incorporated and made available on the university website. **Action Taken: Noted**

Dr Y S Brar(Chairman0, Dr Y R Sood, Dr Jagdish Kumar, Dr Ashwani Kumar, Dr Dilbagh Singh, Dr Gagandeep kaur, Dr Kanwardeep Singh, Dr Rakesh Kumar, Dr Akhil Gupta, Dr Naveen Sharma (Special Invittee, Dr Deepika Bhalla, Coordinator have approved the minutes on meeting held online on 21st may 2020 on Cisco webEx through email

I K Gujral Punjab Technical University- Jalandhar, Kapurthala
2nd Meeting of Board of Studies (Electrical Engineering), Main and Constituent Campuses (2019-21)

Item No.	Agenda	Discussions and Decisions
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken: Adopted**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken: Noted**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken: Adopted**
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering**.**	*Decision on the previous/above recommendation is pending.* *However, reference no. IKGPTU/DA/2355, dated 06/03/2020.* **Action taken: Noted**
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: *Weeks Credits* *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* *Decision on the previous/above recommendation is pending.* *However, the BOS revises its recommendations to:* **The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate to be noted.** **Action Taken: Noted**

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.

Dr Y S Brar(Chairman0, Dr Y R Sood, Dr Jagdish Kumar, Dr Ashwani Kumar, Dr Dilbagh Singh, Dr Gagandeep kaur, Dr Kanwardeep Singh, Dr Rakesh Kumar, Dr Akhil Gupta, Dr Naveen Sharma (Special Invittee, Dr Deepika Bhalla, Coordinator have approved the minutes on meeting held online on 21st may 2020 on Cisco webEx through email

Item No.	Agenda	Discussions and Decisions
	2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i) The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.
ii) The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course

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Item No.	Agenda	Discussions and Decisions
		thought internal evaluation at department/constituent campus level. iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it. iv) The student opting for change of branch must qualify the course within one year of change of branch. v) The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course. vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.

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Item No.	Agenda	Discussions and Decisions
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do

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	Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval:
		
		(a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester.
		(b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester.
		
		• From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS.
		• The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course.
		• The following steps are proposed for credits earned through SWAYAM/MOOCS courses:
		  i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS.
		  ii) Student to take permission (written) from Department/Constituent Campus for registration.
		  iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus
		  iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics.

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Item No.	Agenda	Discussions and Decisions
		v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme. (c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS. a) Dr Gagandeep Kaur, Chairperson, b) Dr Kanwardeep Singh, Member (external) c) Dr Akhil Gupta, Member (internal) d) Dr Deepika Bhalla (Coordinator)
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: (a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. (b) On clicking the SAVE AND NEXT button, the next question will appear. Provision of invigilation of online examination to be made.

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Item No.	Agenda	Discussions and Decisions
		(c) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform.
		(d) For practical courses online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained.
		(e) External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms.
		(f) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th semester, and (iii) Institutional Training after 2nd semester, online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar Honorarium to External and Internal examiner paid as per University norms.
		(B) The BoS (EE) approved the list of the paper setters for online/conventional semester ending Examination for May 2020 to be:
		a) Names of 03-04 Question Paper Setters for each subject is proposed to the Examination Department
		b) Preferably 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories).
		c) Each Question Paper to have two sets.
		d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03.

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		e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by Convener on the relevant online portal.
2.16	To allow credit transfer to students to the extent of 20% in every semester for online courses provided through SWAYAM platform.	In view of the present scenario, the teachers must teach {1 or 2 subjects (theory or laboratory) out of 8 subjects in a semester} through an on-line platform and also evaluate the students through online mode. (a) The on-line mode facility to faculty and students be provided by the University. It will help the students for developing on-line learning ability and participation in online evaluation processes. On the other-hand teachers will develop capabilities to create on-line lectures/study material. Further, it will become an asset for the University. (b) BoS to identify relevant courses per semester available on an online SWAYAM platform. If available, student may be permitted by Department/Constituent campus to complete maximum of 20% courses in every semester through the online SWAYAM platform. (c) The steps are already proposed for credits earned through SWAYAM/MOOCS courses in Item no 2.12. (d) The following line to be included in the draft of the teaching scheme. "If online courses are available, students may complete 20% of courses in every semester through the online SWAYAM platform/developed by the faculty of University, after approval of competent authority."

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents after the University reopens after the lockdown due to COVID-19 is lifted.

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Final Minutes of Meeting

2 messages

Deepika Bhalla <deepika.bhalla89@gmail.com>   Fri, May 22, 2020 at 5:34 PM
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>

For your kind approval please

📄 **Appendix A MoM Main campus, 21 May 2020.pdf**
247K

Dr. Yadwinder Singh <ysbrar@ptu.ac.in>   Sat, May 23, 2020 at 7:46 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

Approved, please send complete file through e office for final approval from competent authority

From: Deepika Bhalla <deepika.bhalla89@gmail.com>
Sent: Friday, May 22, 2020 5:34 PM
To: Dr. Yadwinder Singh <ysbrar@ptu.ac.in>
Subject: Final Minutes of Meeting

For your kind approval please

Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)

11 messages

Deepika Bhalla <deepika.bhalla89@gmail.com>   Fri, May 15, 2020 at 6:33 PM
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, jagdishkumar@pec.ac.in, YOG RAJ <yrsood@nith.ac.in>, jsdhillion@sliet.ac.in, Gagandeep Kaur <gaganee@ptu.ac.in>, reddyfee@iitr.ac.in, kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in, nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>, ashwani.sharma@nitkkr.ac.in, Dilbag Singh <drdilbag@gmail.com>, maintbu1@gnanent.com, param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>, "deepika.bhalla89" <deepika.bhalla89@gmail.com>, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, jsdhillon@sliet.ac.in

Respected Sir/Madam,
Greetings!

Due to the ongoing COVID-19 pandemic we are unable to hold the routine Meeting of the IKGPTU BoS(EE-2019-20) meeting. On account of the immediate need for finalizing certain issues, we are sending all the documents pertaining to the proposed online/virtual meeting as an attachment.

1. The agenda points along with proposed discussion are appended below. You are requested to kindly convey your suggestions/opinion/remarks by 19/05/2020 (Tuesday) through a response email.

2. The responses received will be discussed in an online meeting will be conducted on "Cisco Webex."

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) IKGPTU Main and Constituent Campuses
+91 9465884858

A.   Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Proposed Discussions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved the 5th Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary chages were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. Action taken

Item No.	Agenda	Proposed Discussions
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	***Decision on the previous/above recommendation is pending.*** ***However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved***
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: ***Weeks Credits*** *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* ***Decision on the previous/above recommendation is pending.*** ***However, the BOS revises its recommendations to:*** The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Proposed Discussions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineeringis adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted by BoS.

Item No.	Agenda	Proposed Discussions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester will need to study the following Bridge /Additional courses: *(see table below)* i) The Bridge /Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course ii) The Bridge /Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/college/constituent campus level. iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it. iv) The student opting for change of branch must qualify the course within one year of change of branch. v) The department/college/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course. vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering.The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS(EE) leaves the option for the student/ Institute/Department to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).

Table within Item 2.4:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering			Not applicable
Computer Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

Item No.	Agenda	Proposed Discussions
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering/Electrical and Electronics Engineering / Electronics and Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-II , January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Proposed Discussions
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester. (b) Students having no backlog up till $3^{rd}/4^{th}$ Semester will be eligible for opting for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following step are proposed to be followed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Constituent Campus/ Department for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Constituent Campus/ Department. iv) The Constituent Campus/ Department to verify the certificate and there after Constituent Campus/ Department to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme (c) The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation of e-books	The following members are assigned the duty to recommend a list of ebooks for the programs under the preview of the BoS. a) Dr Gagandeep Kaur b) Dr Deepika Bhalla c) Dr Akhil Gupta
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Proposed Discussions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. On clicking the SAVE AND NEXT button, the next question will appear. There will be no option for going back to review any question. Provision of invigilation of online examination to be made. b) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. c) For practical courses online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. d) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th Semester, and (iii) Institutional Training after 2nd Semester, online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list for paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 04 Question Paper Setters for each subject is proposed to the Examination Department. b) 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper Setters to prepare two sets. d) The maximum number of Question papers to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

2 attachments

2.7 b EE 5th Semester Syllabus as on 15042020.docx
69K

Mail Delivery Subsystem <mailer-daemon@googlemail.com>   Fri, May 15, 2020 at 6:33 PM
To: deepika.bhalla89@gmail.com

❓ **Address not found**

Your message wasn't delivered to **maintbu1@gnanent.com**
because the domain gnanent.com couldn't be found. Check for
typos or unnecessary spaces and try again.

The response was:

DNS Error: 1170597 DNS type 'mx' lookup of gnanent.com responded with code NXDOMAIN Domain name not found: gnanent.com

Final-Recipient: rfc822; maintbu1@gnanent.com
Action: failed
Status: 4.0.0
Diagnostic-Code: smtp; DNS Error: 1170597 DNS type 'mx' lookup of gnanent.com responded with code NXDOMAIN
 Domain name not found: gnanent.com
Last-Attempt-Date: Fri, 15 May 2020 06:03:26 -0700 (PDT)

---------- Forwarded message ----------
From: Deepika Bhalla <deepika.bhalla89@gmail.com>
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, jagdishkumar@pec.ac.in, YOG RAJ <yrsood@nith.ac.in>, jsdhillion@sliet.ac.in, Gagandeep Kaur <gaganee@ptu.ac.in>, reddyfee@iitr.ac.in, kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in, nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>, ashwani.sharma@nitkkr.ac.in, Dilbag Singh <drdilbag@gmail.com>, maintbu1@gnanent.com, param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>, "deepika.bhalla89" <deepika.bhalla89@gmail.com>, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, jsdhillon@sliet.ac.in
Cc:
Bcc:
Date: Fri, 15 May 2020 18:33:07 +0530
Subject: Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)
Respected Sir/Madam,

Greetings!

Due to the ongoing COVID-19 pandemic we are unable to hold the routine
Meeting of the IKGPTU BoS(EE-2019-20) meeting. On account of the immediate
need for finalizing certain issues, we are sending all the documents
pertaining to the proposed online/virtual meeting as an attachment.

1. The agenda points along with proposed discussion are appended below. You
are requested to kindly convey your suggestions/opinion/remarks by
19/05/2020 (Tuesday) through a response email.

2.The responses received will be discussed in an online meeting will be
conducted on "Cisco Webex."

Thanks and Regards

Dr Deepika Bhalla

Coordinator BoS(EE) IKGPTU Main and Constituent Campuses

+91 9465884858

A.   Review of the Minutes of Meeting of the 1st meeting of *Board of

Studies (Electrical Engineering), Main and Constituent Campuses *(2019-21) held on 26/06/2019.

Item No.

Agenda

Proposed Discussions

1.1

To adopt the Vision and Mission statement of Department of Electrical Engineering approved the 5th Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.

Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020.

Action taken

1.2

To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.

Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020.

Action taken

1.3

To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.

For 1st year subjects/courses common to all branches:

·   BTEE-101-18 Basic Electrical Engineering

·   BTEE-102-18 Basic Electrical Engineering Laboratory

The change was less than 10%, the necessary chages were incorporated and made available on the university website.

Action Taken

1.4

Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.

The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C).

Action Taken

1.5

To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)

Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020.

Action taken

1.6

To decide the COs of the courses and ensure their achievement through the question papers.

Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020.

Action taken

1.7

(Additional point) To decide On-line courses to be offered in the session
July-November 2019 for credits required for Honors Degree in Electrical
Engineering*.*

Decision on the previous/above recommendation is pending.

*However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list
is approved*

1.8

(Additional point) Decision on the number of credits to be assigned for the
duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For
Minor Degree in other Branch/Discipline.

It was recommended that the number of credits to be assigned for the
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Decision on the previous/above recommendation is pending.

However, the BOS revises its recommendations to:

The number of credits for SWAYAM/MOOCS courses for Honours Degree in
Electrical Eng
----- Message truncated -----

Mail Delivery Subsystem <mailer-daemon@googlemail.com>   Fri, May 15, 2020 at 6:33 PM
To: deepika.bhalla89@gmail.com

Address not found

Your message wasn't delivered to
ashwani.sharma@nitkkr.ac.in because the address couldn't
be found, or is unable to receive mail.

LEARN MORE

The response was:

```
550 5.1.1 The email account that you tried to reach does not exist. Please try double-checking the recipient's email
address for typos or unnecessary spaces. Learn more at https://support.google.com/mail/?p=NoSuchUser l11sor1558257vsq.43 -
gsmtp
```

Final-Recipient: rfc822; ashwani.sharma@nitkkr.ac.in
Action: failed
Status: 5.1.1
Diagnostic-Code: smtp; 550-5.1.1 The email account that you tried to reach does not exist. Please try

---------- Forwarded message ----------
From: Deepika Bhalla <deepika.bhalla89@gmail.com>
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, jagdishkumar@pec.ac.in, YOG RAJ <yrsood@nith.ac.in>, jsdhillion@sliet.ac.in, Gagandeep Kaur <gaganee@ptu.ac.in>, reddyfee@iitr.ac.in, kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in, nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>, ashwani.sharma@nitkkr.ac.in, Dilbag Singh <drdilbag@gmail.com>, maintbu1@gnanent.com, param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>, "deepika.bhalla89" <deepika.bhalla89@gmail.com>, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, jsdhillon@sliet.ac.in
Cc:
Bcc:
Date: Fri, 15 May 2020 18:33:07 +0530
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A.   Review of the Minutes of Meeting of the 1st meeting of *Board of
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Item No.

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The change was less than 10%, the necessary chages were incorporated and made available on the university website.

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(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering*.*

Decision on the previous/above recommendation is pending.

However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved

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----- Message truncated -----

Mail Delivery Subsystem <mailer-daemon@googlemail.com>   Fri, May 15, 2020 at 6:33 PM
To: deepika.bhalla89@gmail.com

Address not found

Your message wasn't delivered to **reddyfee@iitr.ac.in** because
the address couldn't be found, or is unable to receive mail.

The response from the remote server was:

    550 #5.1.0 Address rejected.

Final-Recipient: rfc822; reddyfee@iitr.ac.in
Action: failed
Status: 5.0.0
Remote-MTA: dns; nsmtp.iitr.ac.in. (103.37.200.237, the server for the domain iitr.ac.in.)
Diagnostic-Code: smtp; 550 #5.1.0 Address rejected.
Last-Attempt-Date: Fri, 15 May 2020 06:03:30 -0700 (PDT)

---------- Forwarded message ----------
From: Deepika Bhalla <deepika.bhalla89@gmail.com>
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, jagdishkumar@pec.ac.in, YOG RAJ <yrsood@nith.ac.in>, jsdhillon@sliet.ac.in, Gagandeep Kaur
<gaganee@ptu.ac.in>, reddyfee@iitr.ac.in, kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in,
nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>, ashwani.sharma@nitkkr.ac.in, Dilbag Singh <drdilbag@gmail.com>,
maintbu1@gnanent.com, param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>,
"deepika.bhalla89" <deepika.bhalla89@gmail.com>, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, jsdhillon@sliet.ac.in
Cc:
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+91 9465884858

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The number of credits for SWAYAM/MOOCS courses for Honours Degree in
Electrical Eng
----- Message truncated -----

---

postmaster@sliet.ac.in <postmaster@sliet.ac.in>   Fri, May 15, 2020 at 6:33 PM
To: deepika.bhalla89@gmail.com

Office 365

Your message to jsdhillion@sliet.ac.in couldn't be delivered.

jsdhillion wasn't found at sliet.ac.in.

deepika.bhalla89	Office 365	jsdhillion
Action Required		Recipient

Unknown To address

How to Fix It

The address may be misspelled or may not exist. Try one or more of the
following:

- Send the message again following these steps: In Outlook, open
  this non-delivery report (NDR) and choose **Send Again** from the
  Report ribbon. In Outlook on the web, select this NDR, then select
  the link "**To send this message again, click here.**" Then delete
  and retype the entire recipient address. If prompted with an Auto-

Complete List suggestion don't select it. After typing the complete address, click **Send**.

- Contact the recipient (by phone, for example) to check that the address exists and is correct.
- The recipient may have set up email forwarding to an incorrect address. Ask them to check that any forwarding they've set up is working correctly.
- Clear the recipient Auto-Complete List in Outlook or Outlook on the web by following the steps in this article: Fix email delivery issues for error code 5.1.10 in Office 365, and then send the message again. Retype the entire recipient address before selecting **Send**.

If the problem continues, forward this message to your email admin. If you're an email admin, refer to the **More Info for Email Admins** section below.

Was this helpful? Send feedback to Microsoft.

More Info for Email Admins
Status code: 550 5.1.10

This error occurs because the sender sent a message to an email address hosted by Office 365 but the address is incorrect or doesn't exist at the destination domain. The error is reported by the recipient domain's email server, but most often it must be fixed by the person who sent the message. If the steps in the **How to Fix It** section above don't fix the problem, and you're the email admin for the recipient, try one or more of the following:

The email address exists and is correct - Confirm that the recipient address exists, is correct, and is accepting messages.

Synchronize your directories - If you have a hybrid environment and are using directory synchronization make sure the recipient's email address is synced correctly in both Office 365 and in your on-premises directory.

Errant forwarding rule - Check for forwarding rules that aren't behaving as expected. Forwarding can be set up by an admin via mail flow rules or mailbox forwarding address settings, or by the recipient via the Inbox Rules feature.

Recipient has a valid license - Make sure the recipient has an Office 365 license assigned to them. The recipient's email admin can use the Office 365 admin center to assign a license (Users > Active Users > select the recipient > Assigned License > Edit).

Mail flow settings and MX records are not correct - Misconfigured mail flow or MX record settings can cause this error. Check your Office 365 mail flow settings to make sure your domain and any mail flow connectors are set up correctly. Also, work with your domain registrar to make sure the MX records for your domain are configured correctly.

For more information and additional tips to fix this issue, see Fix email delivery issues for error code 5.1.10 in Office 365.

Original Message Details

Created Date:	5/15/2020 1:03:07 PM
Sender Address:	deepika.bhalla89@gmail.com
Recipient Address:	jsdhillion@sliet.ac.in
Subject:	Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)

Error Details

Reported error: *550 5.1.10 RESOLVER.ADR.RecipientNotFound; Recipient jsdhillion@sliet.ac.in not found by SMTP address lookup*

DSN generated by: SL2PR01MB2586.apcprd01.prod.exchangelabs.com

Message Hops

HOP	TIME (UTC)	FROM	TO	WITH	RELAY TIME
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3	5/15/2020 1:03:29 PM	SG2APC01FT042.eop-APC01.prod.protection.outlook.com	SG2PR02CA0110.outlook.office365.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	1 sec
4	5/15/2020 1:03:29 PM	SG2PR02CA0110.apcprd02.prod.outlook.com	SL2PR01MB2586.apcprd01.prod.exchangelabs.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	*

Original Message Headers

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 Fri, 15 May 2020 06:03:25 -0700 (PDT)
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Date: Fri, 15 May 2020 18:33:07 +0530
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Subject: Agenda points for 2nd meeting of Board of Studies (Electrical
 Engineering) Main and Constituent campuses (2019-21)
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        jsdhillion@sliet.ac.in, Gagandeep Kaur <gaganee@ptu.ac.in>, reddyfee@iitr.ac.in,
        kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in,
        nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>,
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        param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>,
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 (UTC)
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Final-Recipient: rfc822;jsdhillion@sliet.ac.in
Action: failed
Status: 5.1.10
Diagnostic-Code: smtp;550 5.1.10 RESOLVER.ADR.RecipientNotFound; Recipient jsdhillion@sliet.ac.in not found by SMTP address lookup

---------- Forwarded message ----------
From: Deepika Bhalla <deepika.bhalla89@gmail.com>
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, jagdishkumar@pec.ac.in, YOG RAJ <yrsood@nith.ac.in>, jsdhillion@sliet.ac.in, Gagandeep Kaur <gaganee@ptu.ac.in>, reddyfee@iitr.ac.in, kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in, nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>, ashwani.sharma@nitkkr.ac.in, Dilbag Singh <drdilbag@gmail.com>, maintbu1@gnanent.com, param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>, "deepika.bhalla89" <deepika.bhalla89@gmail.com>, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, jsdhillon@sliet.ac.in
Cc:
Bcc:
Date: Fri, 15 May 2020 18:33:07 +0530
Subject: Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)
Respected Sir/Madam,
Greetings!

Due to the ongoing COVID-19 pandemic we are unable to hold the routine Meeting of the IKGPTU BoS(EE-2019-20) meeting. On account of the immediate need for finalizing certain issues, we are sending all the documents pertaining to the proposed online/virtual meeting as an attachment.

1. The agenda points along with proposed discussion are appended below. You are requested to kindly convey your suggestions/opinion/remarks by 19/05/2020 (Tuesday) through a response email.

2.The responses received will be discussed in an online meeting will be conducted on "Cisco Webex."

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) IKGPTU Main and Constituent Campuses
+91 9465884858

A. Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Proposed Discussions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved the 5th Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary chages were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. Action taken
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	*Decision on the previous/above recommendation is pending.* *However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved*
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: *Weeks Credits* *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* *Decision on the previous/above recommendation is pending.* *However, the BOS revises its recommendations to:* The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Proposed Discussions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineeringis adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted by BoS.
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i) The Bridge /Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course

ii) The Bridge /Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/college/constituent campus level.

iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv) The student opting for change of branch must qualify the course within one year of change of branch.

v) The department/college/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Proposed Discussions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering.The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS(EE) leaves the option for the student/ Institute/Department to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering/Electrical and Electronics Engineering / Electronics and Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-II , January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.

Item No.	Agenda	Proposed Discussions
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester. (b) Students having no backlog up till 3rd/4th Semester will be eligible for opting for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following step are proposed to be followed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Constituent Campus/ Department for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Constituent Campus/ Department. iv) The Constituent Campus/ Department to verify the certificate and there after Constituent Campus/ Department to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme (c) The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation of e-books	The following members are assigned the duty to recommend a list of ebooks for the programs under the preview of the BoS. a) Dr Gagandeep Kaur b) Dr Deepika Bhalla c) Dr Akhil Gupta

Item No.	Agenda	Proposed Discussions
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration	Not to be considered for the Main/Constituent campus BoS
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. On clicking the SAVE AND NEXT button, the next question will appear. There will be no option for going back to review any question. Provision of invigilation of online examination to be made. b) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. c) For practical courses online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. d) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th Semester, and (iii) Institutional Training after 2nd Semester, online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list for paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 04 Question Paper Setters for each subject is proposed to the Examination Department. b) 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper Setters to prepare two sets. d) The maximum number of Question papers to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

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2 attachments

📄 **2.7 b EE 5th Semester Syllabus as on 15042020.docx**
69K

📄 **2.7 a EE 3 to 8 semester Teaching Scheme as on 15052020.docx**
112K

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postmaster@ptu.ac.in <postmaster@ptu.ac.in>   Fri, May 15, 2020 at 6:33 PM
To: deepika.bhalla89@gmail.com

🟧 Office 365

Your message to dr.rakeshbhanga@ptu.ac.in couldn't be delivered.

dr.rakeshbhanga wasn't found at ptu.ac.in.

deepika.bhalla89	Office 365	dr.rakeshbhanga
Action Required		Recipient

Unknown To address

How to Fix It

The address may be misspelled or may not exist. Try one or more of the following:

- Send the message again following these steps: In Outlook, open this non-delivery report (NDR) and choose **Send Again** from the Report ribbon. In Outlook on the web, select this NDR, then select the link "**To send this message again, click here.**" Then delete and retype the entire recipient address. If prompted with an Auto-Complete List suggestion don't select it. After typing the complete address, click **Send**.
- Contact the recipient (by phone, for example) to check that the address is correct.
- The recipient may have set up email forwarding to an incorrect address. Ask them to check that any forwarding they've set up is working correctly.
- Clear the recipient Auto-Complete List in Outlook or Outlook on the web by following the steps in this article: Fix email delivery issues for error code 5.1.1 in Office 365, and then send the message again. Retype the entire recipient address before selecting **Send**.

Was this helpful? Send feedback to Microsoft.

More Info for Email Admins

Status code 554 5.4.14

Typically this error occurs because the recipient email address is incorrect or doesn't exist at the destination domain. This can usually be fixed by the sender. However, sometimes the issue needs to be fixed by the recipient or the recipient's email admin. If the steps in the **How to Fix It** section above don't fix the problem, and you're the email admin for the recipient, try one or more of the following:

The email address exists and is correct - Confirm that the recipient address exists, is correct, and is accepting messages.

Synchronize your directories - If you have a hybrid environment and are using directory synchronization make sure the recipient's email address is synced correctly in both Office 365 and in your on-premises directory.

Errant forwarding rule - Check for forwarding rules that aren't behaving as expected. A forwarding rule can be configured by an admin via mail flow rules or mailbox forwarding address settings, or by the recipient via the Inbox Rules feature.

Mail flow settings and MX records are not correct - Misconfigured mail flow settings or MX records can cause this error. Check your Office 365 mail flow settings to make sure your domain and any mail flow connectors are set up correctly. Also, work with your domain registrar to make sure the MX records for your domain are configured correctly.

Mail loop detected - This error also indicates that the receiving organization's email settings are misconfigured, creating a mail loop when a message is sent to an address that isn't found in their directory. This usually won't disrupt mail flow for recipients that actually exist, but the recipient's email admin should fix the misconfiguration to reduce the chance of any other mail flow issues. A common cause for this loop is that the recipient's domain is configured as "Internal Relay" when it should be "Authoritative." Another common cause for the loop is that both the sender and recipient are part of the same organization, but the sender's mailbox is hosted by Office 365, while the recipient's mailbox is hosted on-premises, and an outbound connector from Office 365 to the on-premises email servers is missing or misconfigured. To fix this, the recipient's email admin should create a correctly configured outbound connector in Office 365 to route the message to the on-premises mailbox.

For more information and tips to fix this problem, see Fix email delivery issues for error code 5.4.14 in Office 365.

Original Message Details

Created Date:	5/15/2020 1:03:07 PM
Sender Address:	deepika.bhalla89@gmail.com
Recipient Address:	dr.rakeshbhanga@ptu.ac.in
Subject:	Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)

Error Details

Reported error:	554 5.4.14 Hop count exceeded - possible mail loop ATTR34 [PU1APC01FT019.eop-APC01.prod.protection.outlook.com]
DSN generated by:	TY2PR0101MB2992.apcprd01.prod.exchangelabs.com
Remote server:	PU1APC01FT019.mail.protection.outlook.com

Message Hops

HOP	TIME (UTC)	FROM	TO	WITH	RELAY TIME
1	5/15/2020 1:03:29 PM		mail-vs1-f46.google.com	SMTP	22 sec
2	5/15/2020 1:03:29 PM	mail-vs1-f46.google.com	HK2APC01FT044.mail.protection. outlook.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	*
3	5/15/2020 1:03:31 PM	HK2APC01FT044.eop-APC01.prod. protection.outlook.com	SG2PR06CA0157.outlook. office365.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	2 sec
4	5/15/2020 1:03:32 PM	SG2PR06CA0157.apcprd06.prod. outlook.com	SL2PR01MB2810.apcprd01.prod. exchangelabs.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	1 sec

5	5/15/2020 1:03:38 PM	KOR01-PS2-obe.outbound. protection.outlook.com	PU1APC01FT060.mail.protection. outlook.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	6 sec
6	5/15/2020 1:03:39 PM	PU1APC01FT060.eop-APC01.prod. protection.outlook.com	PU1PR04CA0021.outlook. office365.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	1 sec
7	5/15/2020 1:03:39 PM	PU1PR04CA0021.apcprd04.prod. outlook.com	SG2PR01MB2315.apcprd01.prod. exchangelabs.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	*
8	5/15/2020 1:03:44 PM	APC01-PU1-obe.outbound. protection.outlook.com	HK2APC01FT016.mail.protection. outlook.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	5 sec
9	5/15/2020 1:03:46 PM	HK2APC01FT016.eop-APC01.prod. protection.outlook.com	SG2PR06CA0182.outlook. office365.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	2 sec
10	5/15/2020 1:03:46 PM	SG2PR06CA0182.apcprd06.prod. outlook.com	TY2PR0101MB2992.apcprd01.prod. exchangelabs.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_ 256_GCM_SHA384)	*

Original Message Headers

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 2020 13:03:46 +0000
Received: from HK2APC01FT016.eop-APC01.prod.protection.outlook.com
 (2603:1096:4:1:cafe::87) by SG2PR06CA0182.outlook.office365.com
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 Transport; Fri, 15 May 2020 13:03:46 +0000
Authentication-Results: spf=softfail (sender IP is 104.47.126.50)
 smtp.mailfrom=gmail.com; ptu.ac.in; dkim=pass (signature was verified)
 header.d=gmail.com;ptu.ac.in; dmarc=pass action=none
 header.from=gmail.com;compauth=pass reason=100
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 gmail.com discourages use of 104.47.126.50 as permitted sender)
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 by HK2APC01FT016.mail.protection.outlook.com (10.152.248.193) with Microsoft
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 by SG2PR01MB2315.apcprd01.prod.exchangelabs.com (2603:1096:4:47::19) with
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 2020 13:03:39 +0000
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Authentication-Results-Original: spf=softfail (sender IP is 104.47.109.50)
 smtp.mailfrom=gmail.com; ptu.ac.in; dkim=pass (signature was verified)
 header.d=gmail.com;ptu.ac.in; dmarc=pass action=none
 header.from=gmail.com;compauth=pass reason=100
Received-SPF: SoftFail (protection.outlook.com: domain of transitioning
 gmail.com discourages use of 104.47.109.50 as permitted sender)
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header.from=gmail.com;compauth=pass reason=100
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 Fri, 15 May 2020 06:03:25 -0700 (PDT)
MIME-Version: 1.0
From: Deepika Bhalla <deepika.bhalla89@gmail.com>
Date: Fri, 15 May 2020 18:33:07 +0530
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Subject: Agenda points for 2nd meeting of Board of Studies (Electrical
 Engineering) Main and Constituent campuses (2019-21)
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, jagdishkumar@pec.ac.in, YOG RAJ <yrsood@nith.ac.in>,
        jsdhillion@sliet.ac.in, Gagandeep Kaur <gaganee@ptu.ac.in>, reddyfee@iitr.ac.in,
        kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, dr.rakeshbhanga@ptu.ac.in,
        nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>,
        ashwani.sharma@nitkkr.ac.in, Dilbag Singh <drdilbag@gmail.com>, maintbu1@gnanent.com,
        param7412@gmail.com, Navdeepak Sandhu <placements.ptu@gmail.com>,
        mrigender bedi <bedi.ptu@gmail.com>, "deepika.bhalla89" <deepika.bhalla89@gmail.com>,
        "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, jsdhillon@sliet.ac.in
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Return-Path: deepika.bhalla89@gmail.com
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X-MS-Oob-TLC-OOBClassifiers: OLM:7691;OLM:7691;OLM:7691;
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X-Microsoft-Antispam-Message-Info-Original: =?us-ascii?Q?nwE1RsFSWaQVGmPwUmhOpNRmtB1mhR4+B/Dn5dGhFAhKHlYlJWjE6pA0irBY?=
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Subject: Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)
Respected Sir/Madam,
Greetings!

Due to the ongoing COVID-19 pandemic we are unable to hold the routine Meeting of the IKGPTU BoS(EE-2019-20) meeting. On account of the immediate need for finalizing certain issues, we are sending all the documents pertaining to the proposed online/virtual meeting as an attachment.

1. The agenda points along with proposed discussion are appended below. You are requested to kindly convey your suggestions/opinion/remarks by 19/05/2020 (Tuesday) through a response email.

2.The responses received will be discussed in an online meeting will be conducted on "Cisco Webex."

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) IKGPTU Main and Constituent Campuses
+91 9465884858

A.   Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Proposed Discussions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved the 5th Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary chages were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. Action taken

Item No.	Agenda	Proposed Discussions
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	*Decision on the previous/above recommendation is pending.* *However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved*
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: *Weeks Credits* *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* *Decision on the previous/above recommendation is pending.* *However, the BOS revises its recommendations to:* The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Proposed Discussions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineeringis adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted by BoS.

Item No.	Agenda	Proposed Discussions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering Computer Engineering Civil Engineering Mechanical Engineering Electronics and Communication Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i)   The Bridge /Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course

ii)   The Bridge /Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/college/constituent campus level.

iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv)   The student opting for change of branch must qualify the course within one year of change of branch.

v)   The department/college/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi)   Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Proposed Discussions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering.The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS(EE) leaves the option for the student/ Institute/Department to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).

Item No.	Agenda	Proposed Discussions
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering/Electrical and Electronics Engineering / Electronics and Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-II , January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Proposed Discussions
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester. (b) Students having no backlog up till $3^{rd}/4^{th}$ Semester will be eligible for opting for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following step are proposed to be followed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Constituent Campus/ Department for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Constituent Campus/ Department. iv) The Constituent Campus/ Department to verify the certificate and there after Constituent Campus/ Department to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme (c) The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation of e-books	The following members are assigned the duty to recommend a list of ebooks for the programs under the preview of the BoS. a) Dr Gagandeep Kaur b) Dr Deepika Bhalla c) Dr Akhil Gupta
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Proposed Discussions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. On clicking the SAVE AND NEXT button, the next question will appear. There will be no option for going back to review any question. Provision of invigilation of online examination to be made. b) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. c) For practical courses online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. d) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th Semester, and (iii) Institutional Training after 2nd Semester, online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list for paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 04 Question Paper Setters for each subject is proposed to the Examination Department. b) 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper Setters to prepare two sets. d) The maximum number of Question papers to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

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2 attachments

📄 **2.7 b EE 5th Semester Syllabus as on 15042020.docx**

69K

📄 **2.7 a EE 3 to 8 semester Teaching Scheme as on 15052020.docx**
112K

Deepika Bhalla <deepika.bhalla89@gmail.com>   Fri, May 15, 2020 at 6:37 PM
To: jsdhillonp@yahoo.com, jsdhillion@sliet.ac.in, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>

[Quoted text hidden]

2 attachments

📄 **2.7 b EE 5th Semester Syllabus as on 15042020.docx**
69K

📄 **2.7 a EE 3 to 8 semester Teaching Scheme as on 15052020.docx**
112K

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postmaster@sliet.ac.in <postmaster@sliet.ac.in>   Fri, May 15, 2020 at 6:37 PM
To: deepika.bhalla89@gmail.com

🟧 Office 365

Your message to jsdhillion@sliet.ac.in couldn't be delivered.

jsdhillion wasn't found at sliet.ac.in.

deepika.bhalla89	Office 365	jsdhillion
Action Required		Recipient

Unknown To address

How to Fix It

The address may be misspelled or may not exist. Try one or more of the following:

- Send the message again following these steps: In Outlook, open this non-delivery report (NDR) and choose **Send Again** from the Report ribbon. In Outlook on the web, select this NDR, then select the link "**To send this message again, click here.**" Then delete and retype the entire recipient address. If prompted with an Auto-Complete List suggestion don't select it. After typing the complete address, click **Send**.
- Contact the recipient (by phone, for example) to check that the address exists and is correct.
- The recipient may have set up email forwarding to an incorrect address. Ask them to check that any forwarding they've set up is working correctly.
- Clear the recipient Auto-Complete List in Outlook or Outlook on the web by following the steps in this article: Fix email delivery issues for error code 5.1.10 in Office 365, and then send the message again. Retype the entire recipient address before selecting **Send**.

If the problem continues, forward this message to your email admin. If you're an email admin, refer to the **More Info for Email Admins** section below.

Was this helpful? Send feedback to Microsoft.

More Info for Email Admins

Status code: 550 5.1.10

This error occurs because the sender sent a message to an email address hosted by Office 365 but the address is incorrect or doesn't exist at the destination domain. The error is reported by the recipient domain's email server, but most often it must be fixed by the person who sent the message. If the steps in the **How to Fix It** section above don't fix the problem, and you're the email admin for the recipient, try one or more of the following:

The email address exists and is correct - Confirm that the recipient address exists, is correct, and is accepting messages.

Synchronize your directories - If you have a hybrid environment and are using directory synchronization make sure the recipient's email address is synced correctly in both Office 365 and in your on-premises directory.

Errant forwarding rule - Check for forwarding rules that aren't behaving as expected. Forwarding can be set up by an admin via mail flow rules or mailbox forwarding address settings, or by the recipient via the Inbox Rules feature.

Recipient has a valid license - Make sure the recipient has an Office 365 license assigned to them. The recipient's email admin can use the Office 365 admin center to assign a license (Users > Active Users > select the recipient > Assigned License > Edit).

Mail flow settings and MX records are not correct - Misconfigured mail flow or MX record settings can cause this error. Check your Office 365 mail flow settings to make sure your domain and any mail flow connectors are set up correctly. Also, work with your domain registrar to make sure the MX records for your domain are configured correctly.

For more information and additional tips to fix this issue, see Fix email delivery issues for error code 5.1.10 in Office 365.

Original Message Details

Created Date:	5/15/2020 1:07:08 PM
Sender Address:	deepika.bhalla89@gmail.com
Recipient Address:	jsdhillion@sliet.ac.in
Subject:	Fwd: Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)

Error Details

Reported error:	550 5.1.10 RESOLVER.ADR.RecipientNotFound; Recipient *jsdhillion@sliet.ac.in* not found by SMTP address lookup
DSN generated by:	SG2PR01MB2936.apcprd01.prod.exchangelabs.com

Message Hops

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2	5/15/2020 1:07:29 PM	mail-vs1-f52.google.com	HK2APC01FT020.mail.protection.outlook.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	*
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4	5/15/2020 1:07:31 PM	SG2PR01CA0093.apcprd01.prod.exchangelabs.com	SG2PR01MB2936.apcprd01.prod.exchangelabs.com	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	1 sec

Original Message Headers

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MIME-Version: 1.0
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From: Deepika Bhalla <deepika.bhalla89@gmail.com>
Date: Fri, 15 May 2020 18:37:08 +0530
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 Engineering) Main and Constituent campuses (2019-21)
To: jsdhillonp@yahoo.com, jsdhillion@sliet.ac.in,
        "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>
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Action: failed
Status: 5.1.10
Diagnostic-Code: smtp;550 5.1.10 RESOLVER.ADR.RecipientNotFound; Recipient jsdhillion@sliet.ac.in not found by SMTP address lookup

---------- Forwarded message ----------
From: Deepika Bhalla <deepika.bhalla89@gmail.com>
To: jsdhillonp@yahoo.com, jsdhillion@sliet.ac.in, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>
Cc:

Date: Fri, 15 May 2020 18:37:08 +0530
Subject: Fwd: Agenda points for 2nd meeting of Board of Studies (Electrical Engineering) Main and Constituent campuses (2019-21)

Respected Sir/Madam,
Greetings!

Due to the ongoing COVID-19 pandemic we are unable to hold the routine Meeting of the IKGPTU BoS(EE-2019-20) meeting. On account of the immediate need for finalizing certain issues, we are sending all the documents pertaining to the proposed online/virtual meeting as an attachment.

1. The agenda points along with proposed discussion are appended below. You are requested to kindly convey your suggestions/opinion/remarks by 19/05/2020 (Tuesday) through a response email.

2.The responses received will be discussed in an online meeting will be conducted on "Cisco Webex."

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) IKGPTU Main and Constituent Campuses
+91 9465884858

A.   Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Proposed Discussions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved the 5th Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary chages were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. Action taken
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	*Decision on the previous/above recommendation is pending.* *However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved*

Item No.	Agenda	Proposed Discussions
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: *Weeks* *Credits* *03-05 Weeks* 1 *06-09 Weeks* 2 *10-13 Weeks* 3 *14-16 Weeks* 4 ***Decision on the previous/above recommendation is pending.*** ***However, the BOS revises its recommendations to:*** The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Proposed Discussions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineeringis adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted by BoS.

Item No.	Agenda	Proposed Discussions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester will need to study the following Bridge /Additional courses:

The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program

Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i) The Bridge /Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course

ii) The Bridge /Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/college/constituent campus level.

iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv) The student opting for change of branch must qualify the course within one year of change of branch.

v) The department/college/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Proposed Discussions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering.The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS(EE) leaves the option for the student/ Institute/Department to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).

Item No.	Agenda	Proposed Discussions
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering/Electrical and Electronics Engineering / Electronics and Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-II , January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Proposed Discussions

2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval:
		(a) Student to opt for Minor degree in relevant programme in 3rd semester.
		(b) Students having no backlog up till $3^{rd}/4^{th}$ Semester will be eligible for opting for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester.
		• From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS.
		• The number of credits for SWAYAM/MOOCS courses for Minor degree in in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course.
		• The following step are proposed to be followed for credits earned through SWAYAM/MOOCS courses:
		  i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS.
		  ii) Student to take permission (written) from Constituent Campus/ Department for registration.
		  iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Constituent Campus/ Department.
		  iv) The Constituent Campus/ Department to verify the certificate and there after Constituent Campus/ Department to convey to the Examination Branch through the office of Dean Academics.
		  v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme.
		• In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme (c) The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.

2.13	Recommendation of e-books	The following members are assigned the duty to recommend a list of ebooks for the programs under the preview of the BoS. a) Dr Gagandeep Kaur b) Dr Deepika Bhalla c) Dr Akhil Gupta
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Proposed Discussions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. On clicking the SAVE AND NEXT button, the next question will appear. There will be no option for going back to review any question. Provision of invigilation of online examination to be made. b) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. c) For practical courses online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. d) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th Semester, and (iii) Institutional Training after 2nd Semester, online internal and external evaluation to be conducted through Cisco Webex or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list for paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 04 Question Paper Setters for each subject is proposed to the Examination Department. b) 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper Setters to prepare two sets. d) The maximum number of Question papers to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

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2 attachments

📄 **2.7 b EE 5th Semester Syllabus as on 15042020.docx**

69K

📄 **2.7 a EE 3 to 8 semester Teaching Scheme as on 15052020.docx**
112K

Dr. Kanwardeep Singh <kds97dee@gmail.com>   Sun, May 17, 2020 at 10:35 AM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

I agree with the decisions taken during online BOS meeting held on 15.5.2020, 11 AM onwards.

Kind Regards,

Dr. Kanwardeep Singh
[Quoted text hidden]
--
Dr. Kanwardeep Singh
Associate Professor and Head
Electrical Engineering Department,
Guru Nanak Dev Engineering College, Ludhiana (Punjab)
(An Autonomous College u/s 2(f) and 12(B) of UGC Act 1956)
Mobile:+91-950-141-1533

Dr. Rakesh Kumar <drrakeshbanga@gmail.com>   Thu, May 21, 2020 at 6:38 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

Ok and approved.

Regards
Dr Rakesh Kumar
AP ,ECE
IKGPTU Main Campus Kapurthala
[Quoted text hidden]

Deepika Bhalla <deepika.bhalla89@gmail.com>   Fri, May 22, 2020 at 10:21 AM
To: Naveen Sharma <naveen31.sharma@gmail.com>

[Quoted text hidden]

Minutes of Meeting (on line/video conferencing) held on 21st May, 2020, of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) for approval through email.

9 messages

Deepika Bhalla <deepika.bhalla89@gmail.com>   Thu, May 21, 2020 at 3:05 PM
To: "Dr. Yadwinder Singh" <ysbrar@ptu.ac.in>, Yadwinder Brar <braryadwinder@yahoo.co.in>, YOG RAJ <yrsood@nith.ac.in>, jagdishkumar@pec.ac.in, "J.S. Dhillon" <jsdhillonp@yahoo.com>, "ashwani.k.sharma ." <ashwani.k.sharma@nitkkr.ac.in>, Dilbag Singh <drdilbag@gmail.com>, Gagandep Kaur <gaganpitk@gmail.com>, Chakradhar Reddy Chandupatla <reddy@iitrpr.ac.in>, Gagandeep Kaur <gaganee@ptu.ac.in>, kds@gndec.ac.in, KD Singh <kds97dee@gmail.com>, "Dr. Rakesh Kumar" <drrakeshbanga@gmail.com>, nsbhangu@gndec.ac.in, Akhil Gupta <akhilgupta1977@gmail.com>, param7412@gmail.com, "deepika.bhalla89" <deepika.bhalla89@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>, Navdeepak Sandhu <navdeepak.ptu@gmail.com>

Respected Sir, Madam,
Thanking you for your valuable time and suggestions .
Please find appended the Minutes of Meeting for approval through email. Request for a response to this email as it would be considered as approval to the Minutes of meeting.
The Honorarium form is being sent in an separate email.

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) Main and Constituent Campuses
9465884858

Minutes of Meeting (on line/video conferencing) held on 21st May, 2020

The 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) was held online/video conferencing under the Chairmanship of Prof. (Dr) Y S Brar on **21st May, 2020 (Thursday)** at 11:00am.

The details of the online meeting:
Meeting link: **https://ptu.webex.com/ptu/j.php?MTID=m13d4f0a0b2a9ce4d5906a7c17ca87d7d**
Meeting number: **918 425 519**
Password: **r22jKmidpR8**

The following members were present
  Dr Y S Brar, Chairman
  Dr Yog Raj Sood
  Dr Jagdish Kumar
  Dr Ashwani Kumar
  Dr Dilbagh Singh
  Dr Gagandeep Kaur
  Dr Kanwardeep Singh
  Dr Rakesh Kumar
  Dr Akhil Gupta
  Dr Naveen Sharma, Special Invitee
  Dr Deepika Bhalla, Coordinator

The meeting started with the welcome address to the Members of BoS (EE) and special invitee by the Prof. (Dr) Y S Brar.

A. Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Discussions and Decisions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved in the 1st Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary changes were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**

Item No.	Agenda	Discussions and Decisions
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	***Decision on the previous/above recommendation is pending.*** ***However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved***
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: ***Weeks Credits*** *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* ***Decision on the previous/above recommendation is pending.*** ***However, the BOS revises its recommendations to:*** The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.

Item No.	Agenda	Discussions and Decisions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Bridge /Additional courses table:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i)   The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.
ii)   The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.
iii)   The teacher allocated the bridge course should be given 2 hours load per week for teaching it.
iv)   The student opting for change of branch must qualify the course within one year of change of branch.
v)   The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.
vi)   Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).

Item No.	Agenda	Discussions and Decisions
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Discussions and Decisions
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester. (b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following steps are proposed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Department/Constituent Campus for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme. (c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS. a) Dr Gagandeep Kaur, Chairperson, b) Dr Kanwardeep Singh, Member (external) c) Dr Akhil Gupta, Member (internal) d) Dr Deepika Bhalla (Coordinator)
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Discussions and Decisions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: (a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. (b) On clicking the SAVE AND NEXT button, the next question will appear. Provision of invigilation of online examination to be made. (c) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. (d) For practical courses online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. (e) External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (f) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th semester, and (iii) Institutional Training after 2nd semester, online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list of the paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 03-04 Question Paper Setters for each subject is proposed to the Examination Department b) Preferably 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper to have two sets. d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

Item No.	Agenda	Discussions and Decisions
2.16	To allow credit transfer to students to the extent of 20% in every semester for online courses provided through SWAYAM platform.	In view of the present scenario, the teachers must teach {1 or 2 subjects (theory or laboratory) out of 8 subjects in a semester} through an on-line platform and also evaluate the students through online mode. (a) The on-line mode facility to faculty and students be provided by the University. It will help the students for developing on-line learning ability and participation in online evaluation processes. On the other-hand teachers will develop capabilities to create on-line lectures/study material. Further, it will become an asset for the University. (b) BoS to identify relevant courses per semester available on an online SWAYAM platform. If available, student may be permitted by Department/Constituent campus to complete maximum of 20% courses in every semester through the online SWAYAM platform. (c) The steps are already proposed for credits earned through SWAYAM/MOOCS courses in Item no 2.12. (d) The following line to be included in the draft of the teaching scheme. "If online courses are available, students may complete 20% of courses in every semester through the online SWAYAM platform/developed by the faculty of University, after approval of competent authority."

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

📄 **MoM Main campus, 21 May 2020.pdf**
216K

Dilbag Singh <drdilbag@gmail.com>   Thu, May 21, 2020 at 3:09 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

Dear Madam,
    Nice presentation with a lot of backstage hard work. Big clap to you and your team. MoM are in order as discussed in the meeting.

with kind regards

Dr Dilbag Singh
Professor & Head
Dept. of Electrical Engineering

Professor
Dept. of Instrumentation & Control Engineering

Dr B. R. Ambedkar National Institute of Technology
Jalandhar -144011
Mob: 098884 92132

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Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.

Item No.	Agenda	Discussions and Decisions
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses: (table below)

Table within item 2.4:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i)   The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.

ii)   The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.

iii)   The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv)   The student opting for change of branch must qualify the course within one year of change of branch.

v)   The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi)   Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.

Item No.	Agenda	Discussions and Decisions
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester. (b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following steps are proposed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Department/Constituent Campus for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme. (c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.

Item No.	Agenda	Discussions and Decisions
2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS. a) Dr Gagandeep Kaur, Chairperson, b) Dr Kanwardeep Singh, Member (external) c) Dr Akhil Gupta, Member (internal) d) Dr Deepika Bhalla (Coordinator)
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	[Quoted text hidden] d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.
<span style="font-size		

Deepika Bhalla <deepika.bhalla89@gmail.com>   Thu, May 21, 2020 at 3:13 PM
To: Naveen Sharma <naveen31.sharma@gmail.com>

[Quoted text hidden]
[Quoted text hidden]
[Quoted text hidden]

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.

Item No.	Agenda	Discussions and Decisions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
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Civil Engineering			
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i) The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.
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iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.
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Item No.	Agenda	Discussions and Decisions
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2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).

Item No.	Agenda	Discussions and Decisions
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
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2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Discussions and Decisions

2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval:
		
		(a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester.
		
		(b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester.
		
		• From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS.
		• The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course.
		• The following steps are proposed for credits earned through SWAYAM/MOOCS courses:
		   i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS.
		   ii) Student to take permission (written) from Department/Constituent Campus for registration.
		   iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus
		   iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics.
		   v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme.
		• In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme.
		
		(c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.

2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS.
		   a) Dr Gagandeep Kaur, Chairperson,
		   b) Dr Kanwardeep Singh, Member (external)
		   c) Dr Akhil Gupta, Member (internal)
		   d) Dr Deepika Bhalla (Coordinator)

2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	[Quoted text hidden] d) The maximum number of Question pa

📄 **MoM Main campus, 21 May 2020.pdf**
216K

Naveen Sharma <naveen31.sharma@gmail.com>
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

The mom are as per the discussion held. Approved.

---------- Forwarded message ---------
From: **Deepika Bhalla** <deepika.bhalla89@gmail.com>
Date: Thu, 21 May 2020 at 3:05 PM
Subject: Minutes of Meeting (on line/video conferencing) held on 21st May, 2020, of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) for approval thro
To: Dr. Yadwinder Singh <ysbrar@ptu.ac.in>, Yadwinder Brar <braryadwinder@yahoo.co.in>, YOG RAJ <yrsood@nith.ac.in>, <jagdishkumar@pec.ac.in>, J.S. Dhillon <jsdhillonp@yahoo.d
<ashwani.k.sharma@nitkkr.ac.in>, Dilbag Singh <drdilbag@gmail.com>, Gagandep Kaur <gaganpitk@gmail.com>, Chakradhar Reddy Chandupatla <reddy@iitrpr.ac.in>, Gagandeep Kaur
<kds@gndec.ac.in>, KD Singh <kds97dee@gmail.com>, Dr. Rakesh Kumar <drrakeshbanga@gmail.com>, <nsbhangu@gndec.ac.in>, Akhil Gupta <akhilgupta1977@gmail.com>, <param
deepika.bhalla89 <deepika.bhalla89@gmail.com>, mrigender bedi <bedi.ptu@gmail.com>, Navdeepak Sandhu <navdeepak.ptu@gmail.com>

Respected Sir, Madam,
Thanking you for your valuable time and suggestions .
Please find appended the Minutes of Meeting for approval through email. Request for a response to this email as it would be considered as approval to the Minutes of meeting.
The Honorarium form is being sent in an separate email.

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) Main and Constituent Campuses
9465884858

Minutes of Meeting (on line/video conferencing) held on 21st May, 2020

The 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) was held online/video conferencing under the Chairmanship of Prof. (Dr) Y S B
at 11:00am.

The details of the online meeting:
Meeting link: **https://ptu.webex.com/ptu/j.php?MTID=m13d4f0a0b2a9ce4d5906a7c17ca87d7d**
Meeting number: **918 425 519**
Password: **r22jKmidpR8**

The following members were present
  Dr Y S Brar, Chairman
  Dr Yog Raj Sood
  Dr Jagdish Kumar
  Dr Ashwani Kumar
  Dr Dilbagh Singh
  Dr Gagandeep Kaur
  Dr Kanwardeep Singh
  Dr Rakesh Kumar
  Dr Akhil Gupta
  Dr Naveen Sharma, Special Invitee
  Dr Deepika Bhalla, Coordinator

The meeting started with the welcome address to the Members of BoS (EE) and special invitee by the Prof. (Dr) Y S Brar.

A. Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Discussions and Decisions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved in the 1st Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary changes were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**

Item No.	Agenda	Discussions and Decisions
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	*Decision on the previous/above recommendation is pending.* *However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved*
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: *Weeks Credits* *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* *Decision on the previous/above recommendation is pending.* *However, the BOS revises its recommendations to:* The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B.   Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.

Item No.	Agenda	Discussions and Decisions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program

The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program

Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering			Not applicable
Computer Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i)   The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.

ii)   The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.

iii)   The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv)   The student opting for change of branch must qualify the course within one year of change of branch.

v)   The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi)   Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in $7^{th}/8^{th}$ semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).

Item No.	Agenda	Discussions and Decisions
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Discussions and Decisions
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester. (b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following steps are proposed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Department/Constituent Campus for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme. (c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS. a) Dr Gagandeep Kaur, Chairperson, b) Dr Kanwardeep Singh, Member (external) c) Dr Akhil Gupta, Member (internal) d) Dr Deepika Bhalla (Coordinator)
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Discussions and Decisions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: (a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. (b) On clicking the SAVE AND NEXT button, the next question will appear. Provision of invigilation of online examination to be made. (c) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. (d) For practical courses online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. (e) External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (f) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th semester, and (iii) Institutional Training after 2nd semester, online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list of the paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 03-04 Question Paper Setters for each subject is proposed to the Examination Department b) Preferably 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper to have two sets. d) The maximum number of Question pa

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Thanks & Regards,

Naveen Kumar Sharma, Ph.D
Assistant Professor,
Department of Electrical Engineering,
I.K.G. Punjab Technical University,
Main Campus, Jalandhar-Kapurthala highway,
Kapurthala-144603 Punjab, INDIA

Contact No: +91-9882281525

Dr Akhil Gupta <akhilgupta1977@gmail.com>   Thu, May 21, 2020 at 5:33 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

Resp madam

Approved the attached MOMs
[Quoted text hidden]

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Thanking you with regards,

Akhil Gupta

Assistant Professor & Head -Electrical Engineering Department
I.K. Gujral Punjab Technical University, Batala Campus, Kahnuwaan Road,
Batala-143506, District Gurdaspur, Punjab-India
(A constituent campus of I.K. Gujral Punjab Technical University Jalandhar, Kapurthala)
Mobile No.: 9465884873, 9855041124

Dr. Rakesh Kumar <drrakeshbanga@gmail.com>   Thu, May 21, 2020 at 6:19 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

Ok and approved.

Regards
Dr Rakesh Kumar
Assistant Professor, ECE
IKGPTU Main Campus, Kapurthala

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  [Quoted text hidden]

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.

Item No.	Agenda	Discussions and Decisions
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering Computer Engineering Civil Engineering Mechanical Engineering Electronics and Communication Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i) The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.

ii) The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.

iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv) The student opting for change of branch must qualify the course within one year of change of branch.

v) The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.

Item No.	Agenda	Discussions and Decisions
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.

Item No.	Agenda	Discussions and Decisions
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester. (b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following steps are proposed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Department/Constituent Campus for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme. (c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.
2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS. a) Dr Gagandeep Kaur, Chairperson, b) Dr Kanwardeep Singh, Member (external) c) Dr Akhil Gupta, Member (internal) d) Dr Deepika Bhalla (Coordinator)
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Discussions and Decisions

2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on:
	
	(A) The change of pattern of Question paper and evaluation
	
	(B) Propose the Names of Paper Setters for each subject.
	
	(Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).
		[Quoted text hidden]
		    d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03.
		    e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms.
		Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

<span style="font-size		

Dr. Yadwinder Singh <ysbrar@ptu.ac.in>   Thu, May 21, 2020 at 7:07 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

For action taken on previous meeting required to be noted or adopted rest is ok

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From: Deepika Bhalla <deepika.bhalla89@gmail.com>
Sent: Thursday, May 21, 2020 3:05 PM
To: Dr. Yadwinder Singh <ysbrar@ptu.ac.in>; Yadwinder Brar <braryadwinder@yahoo.co.in>; YOG RAJ <yrsood@nith.ac.in>; jagdishkumar@pec.ac.in <jagdishkumar@pec.ac.in>; J.S. Dhillon <jsdhillonp@yahoo.com>; ashwani.k.sharma . <ashwani.k.sharma@nitkkr.ac.in>; Dilbag Singh <drdilbag@gmail.com>; Gagandep Kaur <gaganpitk@gmail.com>; Chakradhar Reddy Chandupatla <reddy@iitrpr.ac.in>; Gagandeep Kaur <gaganee@ptu.ac.in>; kds@gndec.ac.in <kds@gndec.ac.in>; KD Singh <kds97dee@gmail.com>; Dr. Rakesh Kumar <drrakeshbanga@gmail.com>; nsbhangu@gndec.ac.in <nsbhangu@gndec.ac.in>; Akhil Gupta <akhilgupta1977@gmail.com>; param7412@gmail.com <param7412@gmail.com>; deepika.bhalla89 <deepika.bhalla89@gmail.com>; mrigender bedi <bedi.ptu@gmail.com>; Navdeepak Sandhu <navdeepak.ptu@gmail.com>
Subject: Minutes of Meeting (on line/video conferencing) held on 21st May, 2020, of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) for approval through email.

Respected Sir, Madam,
Thanking you for your valuable time and suggestions .
Please find appended the Minutes of Meeting for approval through email. Request for a response to this email as it would be considered as approval to the Minutes of meeting.
The Honorarium form is being sent in an separate email.

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) Main and Constituent Campuses
9465884858

Minutes of Meeting (on line/video conferencing) held on 21st May, 2020

The 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) was held online/video conferencing under the Chairmanship of Prof. (Dr) Y S Brar on **21st May, 2020 (Thursday)** at 11:00am.

The details of the online meeting:
Meeting link: **https://ptu.webex.com/ptu/j.php?MTID=m13d4f0a0b2a9ce4d5906a7c17ca87d7d**
Meeting number: **918 425 519**
Password: **r22jKmidpR8**

The following members were present
   Dr Y S Brar, Chairman
   Dr Yog Raj Sood
   Dr Jagdish Kumar
   Dr Ashwani Kumar
   Dr Dilbagh Singh
   Dr Gagandeep Kaur
   Dr Kanwardeep Singh
   Dr Rakesh Kumar
   Dr Akhil Gupta
   Dr Naveen Sharma, Special Invitee
   Dr Deepika Bhalla, Coordinator

The meeting started with the welcome address to the Members of BoS (EE) and special invitee by the Prof. (Dr) Y S Brar.

A.   Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Discussions and Decisions

Item No.	Agenda	Discussions and Decisions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved in the 1st Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary changes were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	***Decision on the previous/above recommendation is pending.*** ***However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved***
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: ***Weeks Credits*** *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* ***Decision on the previous/above recommendation is pending.*** ***However, the BOS revises its recommendations to:*** The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.

Item No.	Agenda	Discussions and Decisions
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program

(Item 2.4 continued)

Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i) The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.
ii) The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.
iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.
iv) The student opting for change of branch must qualify the course within one year of change of branch.
v) The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.
vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.

Item No.	Agenda	Discussions and Decisions
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Discussions and Decisions

2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval:
		
		(a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester.
		(b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester.
		
		• From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS.
		• The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course.
		• The following steps are proposed for credits earned through SWAYAM/MOOCS courses:
		  i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS.
		  ii) Student to take permission (written) from Department/Constituent Campus for registration.
		  iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus
		  iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics.
		  v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme.
		• In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme.
		(c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.

2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS.
		  a) Dr Gagandeep Kaur, Chairperson,
		  b) Dr Kanwardeep Singh, Member (external)
		  c) Dr Akhil Gupta, Member (internal)
		  d) Dr Deepika Bhalla (Coordinator)

2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Discussions and Decisions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: (a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. (b) On clicking the SAVE AND NEXT button, the next question will appear. Provision of invigilation of online examination to be made. (c) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. (d) For practical courses online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. (e) External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (f) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th semester, and (iii) Institutional Training after 2nd semester, online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list of the paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 03-04 Question Paper Setters for each subject is proposed to the Examination Department b) Preferably 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper to have two sets. d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

Item No.	Agenda	Discussions and Decisions
2.16	To allow credit transfer to students to the extent of 20% in every semester for online courses provided through SWAYAM platform.	In view of the present scenario, the teachers must teach {1 or 2 subjects (theory or laboratory) out of 8 subjects in a semester} through an on-line platform and also evaluate the students through online mode. (a) The on-line mode facility to faculty and students be provided by the University. It will help the students for developing on-line learning ability and participation in online evaluation processes. On the other-hand teachers will develop capabilities to create on-line lectures/study material. Further, it will become an asset for the University. (b) BoS to identify relevant courses per semester available on an online SWAYAM platform. If available, student may be permitted by Department/Constituent campus to complete maximum of 20% courses in every semester through the online SWAYAM platform. (c) The steps are already proposed for credits earned through SWAYAM/MOOCS courses in Item no 2.12. (d) The following line to be included in the draft of the teaching scheme. "If online courses are available, students may complete 20% of courses in every semester through the online SWAYAM platform/developed by the faculty of University, after approval of competent authority."

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

YOG RAJ <yrsood@nith.ac.in>   Thu, May 21, 2020 at 7:22 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

Dear Dr. Deepika Bhalla,
Thanks for inviting me for the BOS meeting through online/video conferencing.
The agenda of the meeting was properly discussed and noted.

On Thu, May 21, 2020 at 3:05 PM Deepika Bhalla <deepika.bhalla89@gmail.com> wrote:
Respected Sir, Madam,
Thanking you for your valuable time and suggestions .
Please find appended the Minutes of Meeting for approval through email. Request for a response to this email as it would be considered as approval to the Minutes of meeting.
The Honorarium form is being sent in an separate email.

Thanks and Regards
Dr Deepika Bhalla
Coordinator BoS(EE) Main and Constituent Campuses
9465884858

<u>**Minutes of Meeting (on line/video conferencing) held on 21st May, 2020**</u>

The 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) was held online/video conferencing under the Chairmanship of Prof. (Dr) Y S Brar on **21st May, 2020 (Thursday)** at 11:00am.

The details of the online meeting:
Meeting link: **https://ptu.webex.com/ptu/j.php?MTID=m13d4f0a0b2a9ce4d5906a7c17ca87d7d**
Meeting number: **918 425 519**
Password: **r22jKmidpR8**

The following members were present
  Dr Y S Brar, Chairman
  Dr Yog Raj Sood
  Dr Jagdish Kumar
  Dr Ashwani Kumar
  Dr Dilbagh Singh
  Dr Gagandeep Kaur
  Dr Kanwardeep Singh
  Dr Rakesh Kumar
  Dr Akhil Gupta
  Dr Naveen Sharma, Special Invitee
  Dr Deepika Bhalla, Coordinator

The meeting started with the welcome address to the Members of BoS (EE) and special invitee by the Prof. (Dr) Y S Brar.

A. Review of the Minutes of Meeting of the 1st meeting of **Board of Studies (Electrical Engineering), Main and Constituent Campuses** (2019-21) held on 26/06/2019.

Item No.	Agenda	Discussions and Decisions

Item No.	Agenda	Discussions and Decisions
1.1	To adopt the Vision and Mission statement of Department of Electrical Engineering approved in the 1st Meeting of BoS (EE) of IKGPTU and make any changes so that it is in line with that of the University.	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.2	To adopt the relevant study scheme and syllabus of IKGPTU for the present batches of main campus and constituent campuses.	Item 52.09.01 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.3	To finalise the syllabus of subject relevant to 1st/2nd year of 2019 batch.	For 1st year subjects/courses common to all branches: • BTEE-101-18 Basic Electrical Engineering • BTEE-102-18 Basic Electrical Engineering Laboratory The change was less than 10%, the necessary changes were incorporated and made available on the university website. **Action Taken**
1.4	Design the study scheme and syllabus for 2019 Batch and keep it in line with the guidelines of Major and Minor degree, achievement of credits through SWAYAM/MOOCS courses.	The BoS EE (Main Campus and Constituent Campuses) approved On-line SWAYAM/MOOCs courses (for Semester July-Nov 2019) for Minor Degree in Electrical Engineering (Annexure: C). **Action Taken**
1.5	To decide the PO, PEOs, Graduate Attributes for the programms offered (a) B. Tech (EE) (b) M. Tech EE(PS)	Item 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.6	To decide the COs of the courses and ensure their achievement through the question papers.	Item 52.09.06 and 52.09.07 of the 52nd Academic Council meeting held on 16/01/2020. **Action taken**
1.7	(Additional point) To decide On-line courses to be offered in the session July-November 2019 for credits required for Honors Degree in Electrical Engineering.	***Decision on the previous/above recommendation is pending.*** ***However, reference to IKGPTU/DA/2355, dated 06/03/2020, the revised list is approved***
1.8	(Additional point) Decision on the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and For Minor Degree in other Branch/Discipline.	It was recommended that the number of credits to be assigned for the duration (per week) for SWAYAM/MOOCs undertaken for Honors Degree and for Minor Degree in other Branch/Discipline be: ***Weeks Credits*** *03-05 Weeks 1* *06-09 Weeks 2* *10-13 Weeks 3* *14-16 Weeks 4* ***Decision on the previous/above recommendation is pending.*** ***However, the BOS revises its recommendations to:*** The number of credits for SWAYAM/MOOCS courses for Honours Degree in Electrical Engineering to be as per the credits mentioned in the respective SWAYAM/MOOCS course certificate.

B. Agenda Items for 2nd meeting of Board of Studies for Electrical Engineering (Main Campus and Constituent Campuses) (2019-21)

Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.

Item No.	Agenda	Discussions and Decisions
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Table within item 2.4:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i) The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.
ii) The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.
iii) The teacher allocated the bridge course should be given 2 hours load per week for teaching it.
iv) The student opting for change of branch must qualify the course within one year of change of branch.
v) The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.
vi) Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.

Item No.	Agenda	Discussions and Decisions
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.

Item No.	Agenda	Discussions and Decisions

2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval:
		
		(a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester.
		(b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester.
		
		• From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS.
		• The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course.
		• The following steps are proposed for credits earned through SWAYAM/MOOCS courses:
		  i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS.
		  ii) Student to take permission (written) from Department/Constituent Campus for registration.
		  iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus
		  iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics.
		  v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme.
		• In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme.
		(c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.

2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS.
		  a) Dr Gagandeep Kaur, Chairperson,
		  b) Dr Kanwardeep Singh, Member (external)
		  c) Dr Akhil Gupta, Member (internal)
		  d) Dr Deepika Bhalla (Coordinator)

2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS

Item No.	Agenda	Discussions and Decisions
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	(A) On account of the lockdown since March 2020 due to COVID-19 pandemic, the members of BoS(EE) agreed that, based on the IT infrastructure available online **Semester Ending Examination May 2020** may be conducted, if needed. On account of which there would be change in the pattern of question paper and the way to attempt it. The BoS recommends: (a) For theory courses having 60 marks for external, a student shall have to attempt 60 MCQs in 120 minutes. Each of the MCQ question with four options shall appear on screen of student without displaying the next question. The student will be required to attempt the question in the time frame as he/she desires subject to maximum duration allocated for attempting the respective question paper. (b) On clicking the SAVE AND NEXT button, the next question will appear. Provision of invigilation of online examination to be made. (c) For theory courses internal evaluation in which only MST-I could be conducted during regular teaching, before lockdown, online MCQ based MST-II and MST-III may be conducted using Google forms or any other online/virtual platform. (d) For practical courses online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. (e) External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar. Honorarium to External and Internal examiner paid as per University norms. (f) For students who have undertaken (i) One Semester Industrial Training in 8th Semester (ii) Industrial Training after 4th semester, and (iii) Institutional Training after 2nd semester, online internal and external evaluation to be conducted through Cisco WebEx or any other online/virtual platform. The record of the evaluation to be maintained. External and Internal examiner to be assigned and evaluation to be uploaded on the University Examination portal as per the revised Academic Calendar Honorarium to External and Internal examiner paid as per University norms. (B) The BoS (EE) approved the list of the paper setters for online/conventional semester ending Examination for May 2020 to be: a) Names of 03-04 Question Paper Setters for each subject is proposed to the Examination Department b) Preferably 50% of the Question Paper Setters to be from IKGPTU system (Affiliated Colleges and Main & Constituent Campuses) and the remaining 50% Question Paper Setters to be from outside IKGPTU system (Punjab, other states and Union Territories). c) Each Question Paper to have two sets. d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.

Item No.	Agenda	Discussions and Decisions
2.16	To allow credit transfer to students to the extent of 20% in every semester for online courses provided through SWAYAM platform.	In view of the present scenario, the teachers must teach {1 or 2 subjects (theory or laboratory) out of 8 subjects in a semester} through an on-line platform and also evaluate the students through online mode. (a) The on-line mode facility to faculty and students be provided by the University. It will help the students for developing on-line learning ability and participation in online evaluation processes. On the other-hand teachers will develop capabilities to create on-line lectures/study material. Further, it will become an asset for the University. (b) BoS to identify relevant courses per semester available on an online SWAYAM platform. If available, student may be permitted by Department/Constituent campus to complete maximum of 20% courses in every semester through the online SWAYAM platform. (c) The steps are already proposed for credits earned through SWAYAM/MOOCS courses in Item no 2.12. (d) The following line to be included in the draft of the teaching scheme. "If online courses are available, students may complete 20% of courses in every semester through the online SWAYAM platform/developed by the faculty of University, after approval of competent authority."

The Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to sign relevant documents.

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With warm regards,
Prof. (Dr.) Yog Raj Sood
Professor (HAG) & Former HOD
Department of Electrical Engineering
Former Dean (FW), Dean (P & D), Dean(R & D)
National Institute of Technology,
Hamirpur (Himachal Pardesh)
PIN- 177005, INDIA
Former Director NIT Puducherry (India)

Gagandep Kaur <gaganpitk@gmail.com>   Thu, May 21, 2020 at 9:23 PM
To: Deepika Bhalla <deepika.bhalla89@gmail.com>

I agree with all decisions of today's BOS meeting.

On Thu, 21 May 2020, 3:05 pm Deepika Bhalla, <deepika.bhalla89@gmail.com> wrote:
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Item No.	Agenda	Discussions and Decisions
2.1	To adopt the changes communicated for the uniformity of marks distribution of Mandatory Non-Credit Courses of B. Tech programmes on 2018 teaching scheme. (IKG-PTU/DA/2243 and IKG-PTU/DA/IO-1320, dated 09/12/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020.	The marks distribution of Mandatory Non-Credit Courses of B. Tech Electrical Engineering is adopted.

Item No.	Agenda	Discussions and Decisions
2.2	To adopt the Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020)	The Syllabus of Mandatory Non-Credit Course EVS-101-18 Environmental Studies (IKG-PTU/DA/1475, dated 08/02/2019 followed by IKG-PTU/DA/2316, dated 31/01/2020) is adopted.
2.3	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation"	Item 52.04.12 of the 52nd Academic Council meeting held on 16/01/2020. "Distribution of marks for evaluation of M. Tech. Dissertation", is adopted.
2.4	Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program.	*(see below)*

The BoS recommended and approved Bridge courses/additional subjects for change of branch/upgradation in 3rd Semester to B. Tech. Electrical Engineering program

Student who opts for B. Tech. Electrical Engineering programme in 3rd Semester for upgradation/change of branch will need to study the following Bridge /Additional courses:

Student opting for B. Tech EE from B. Tech.	Bridge /Additional courses		
Computer Science Engineering	(Bridge Course-I) BTAMBC1-18	BTPH102-18 (Theory) BTPH112-18 (Laboratory)	Not applicable
Computer Engineering			
Civil Engineering			
Mechanical Engineering			
Electronics and Communication Engineering			BTEE-101-18 (Theory) BTEE-102-18 (Laboratory)

i)   The Bridge/Additional course is audit/qualifying course and no extra credit is awarded to the student qualifying the course.

ii)   The Bridge/Additional course will be evaluated by the concerned teacher allocated the said course thought internal evaluation at department/constituent campus level.

iii)   The teacher allocated the bridge course should be given 2 hours load per week for teaching it.

iv)   The student opting for change of branch must qualify the course within one year of change of branch.

v)   The department/constituent campus shall issue a certificate that the student has passed the Bridge /Additional course.

vi)   Upon certification of passing audit/qualifying course the earlier issued result notification/s and DMCs of the concerned student shall be cancelled and the Examination Department of IKGPTU shall issue new result notification and DMCs as per upgraded curriculum with same number of credits.

Item No.	Agenda	Discussions and Decisions
2.5	To invite representative of TCS-ion to present detailed presentation of the subjects proposed for B.Tech. in Electrical Engineering. The presentation to include: a) The proposed subjects for B.Tech in Electrical Engineering, outcomes and infrastructure. b) If any training for B.Tech in Electrical Engineering is being undertaken by TCS-ion in any college or University, should be elaborated with viability.	The BOS did not find the item to be in its scope as the communication is not addressed for B.Tech. in Electrical Engineering.
2.6	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE)	Item 52.08 of the 52nd Academic Council meeting held on 16/01/2020: "Starting of one semester training for B. Tech programs in 7th/8th semester (Not available in model curriculum of AICTE) was adopted by the BoS. However, the BoS (EE) leaves the option for the Department/Campus/Student to either opt for One Semester Training or do Industry oriented courses in lieu of One Semester Training in 7th or 8th Semester (Subject to approval from Competent Authority).
2.7	Changes in draft of syllabus of 3rd and 4th year on account of above Item 2.5 & 2.6	On account of item 2.6, the BoS discussed, revised and approved: (a) The teaching scheme of 3rd year B.Tech. in Electrical Engineering programme. (b) The syllabus of 5th Semester B.Tech. in Electrical Engineering programme. (c) The draft of teaching scheme of 4th year B.Tech. in Electrical Engineering programme.
2.8	Course Title, Course code, syllabus, Course Outcomes (COs) of subjects of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering programme.	(a) The BoS accepted the Course Title, Course code, of courses of Humanities and Social Sciences including Management for B.Tech in Electrical Engineering as communicated by the University. (b) The BoS proposed to adopted the syllabus of respective courses given in the "AICTE model curriculum for UG Courses Volume-I, January 2018". It was observed that Course Outcomes need to be included. The concerned BoS to provide the syllabus and COs.
2.9	A. To finalise the on-line SWAYAM/ MOOCS courses and the credits of the course for Minor degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/03/2020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Minor degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Minor degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.

Item No.	Agenda	Discussions and Decisions
2.10	A. To finalise the on-line SWAYAM/MOOCS courses and credits for Honors Degree in Electrical Engineering for the session January-May 2020. B. Action on letter regarding MOOCs courses Reference no. IKGPTU/DA/2355, dated 06/032020.	A. From the available relevant on-line SWAYAM/ MOOCS courses for the session January-May 2020, the list of the SWAYAM/ MOOCS courses to be considered for Honors Degree in Electrical Engineering is approved. B. Regarding the list of SWAYAM/ MOOCS for Honors Degree in Electrical Engineering for each semester, the Members of BoS authorize Chairman BoS (EE), HoD (EE) Main Campus, Coordinator and one member of BoS (EE) to identify the course and forward the list to the office of Dean Academics two weeks before the commencement of the semester and take post-facto approval in the next meeting of the BoS.
2.11	Students pursuing Major Degree in Electrical Engineering (Batch 2018 onwards) can only do Minor degree in Electrical and Computer Engineering (Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2, circulated vide Reference no IKG-PTU/DAA/2347, dated 28/02/20202)	(a) Reference AICTE Approval Process Handbook 2021, Chapter 7, Point 7.3.2 the BoS recommended that for Batch 2018 and onwards the students opting for Major degree in B. Tech. Electrical can only do Minor Degree in Electrical and Computer Engineering. (b) The BoS(CSE) to be requested to convey the list of courses that the student can opt for each semester for Minor Degree in Electrical and Computer Engineering.
2.12	Procedure for (a) Minor Degree (b) Honors Degree	The BoS recommended for approval: (a) Student to opt for Minor degree in relevant programme in 3rd semester and for Honors Degree in 5th Semester. (b) Students having no backlog of 1st semester and 2nd semester can opt for Minor Degree in Electrical and Computer Engineering in the 3rd semester. Students having no backlog of 3rd semester and 4th semester can opt for Honors Degree in B. Tech. Electrical Engineering in the 5th Semester. • From the available relevant on-line SWAYAM/ MOOCS courses for the session, the list of the courses to be considered for Minor degree/Honors degree in relevant programme to be approved by BoS. • The number of credits for SWAYAM/MOOCS courses for Minor degree in relevant programme to be as per the credits mentioned on the certificate of the respective SWAYAM/ MOOCS course. • The following steps are proposed for credits earned through SWAYAM/MOOCS courses: i) For each semester the student to take up online SWAYAM/MOOCS courses approved by the BoS. ii) Student to take permission (written) from Department/Constituent Campus for registration. iii) On successful completion of each SWAYAM/MOOCS in each semester the student to submit self-attested copy of certificate (on-line/hard) to Department/Constituent Campus iv) The Department/Constituent Campus to verify the certificate and there after Department/Constituent Campus to convey to the Examination Branch through the office of Dean Academics. v) On obtaining the minimum credits the student will be eligible for (a) Minor Degree (b) Honors Degree in relevant programme. • In case of non-availability of SWAYAM/MOOCS courses the student can earn the minimum credits for (a) Minor Degree from Professional Core / Elective Courses (b) Honors degree from Professional Elective Courses other than those taken up for the concerned B.Tech Programme. (c)The list of (i) Professional Core Courses (ii) Professional Elective Courses, clearly indicating odd and even semester is available in the Teaching Scheme.

Item No.	Agenda	Discussions and Decisions
2.13	Recommendation for e-books	The BoS recommends using e-books for teaching-learning process. The following members are assigned the duty to recommend a list of e-books for the programs under the preview of the BoS. a) Dr Gagandeep Kaur, Chairperson, b) Dr Kanwardeep Singh, Member (external) c) Dr Akhil Gupta, Member (internal) d) Dr Deepika Bhalla (Coordinator)
2.14	Notification "Regarding New Programme", Ref. No. IKGPTU/REG/NF/36, dated 04/03/2020 for B. Voc. Solar System Technology of 03 Years duration.	Not to be considered for the Main/Constituent campus BoS
2.15	On account of the lockdown since March 2020 due to COVID-19 pandemic, discussion on: (A) The change of pattern of Question paper and evaluation (B) Propose the Names of Paper Setters for each subject. (Ref. No. e-file I-15/534/2020-COE, received through email on 11th, May 2020).	[Quoted text hidden] d) The maximum number of Question papers/sets to be assigned to one paper setter to be 03. e) For conventional examination Honorarium to Question Paper Setters be paid as per University norms. Information regarding Paper Setters to be uploaded by the by Convener on the relevant online portal.
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