

1.2.2

**Supporting Documents-**  
**Department of Electronics & Communication**  
**Engineering**

**Approved Minutes of BOS Meeting(s)**



# IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

## Minutes of Meetings

A meeting of Board of Studies (CSE/IT), was scheduled Online on 30<sup>th</sup> Jan. 2023 at 11.00 a.m., with the due permission of the concerned office.

The agenda of the meeting were:

**Agenda 1: To discuss on the details of the scheme and electives of following programs:**

- B.Tech - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING ✓
- B.Tech - ARTIFICIAL INTELLIGENCE
- B.Tech - ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- B.Tech- DATA SCIENCE
- B.Tech ( CSE) IoT
- B.Tech ( CSE) Cyber Security

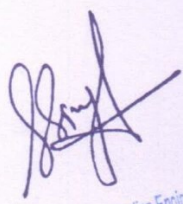
**Agenda 2: Any other agenda with the permission of the chair may please be allowed.**

**Following Members were present at the meeting:**

1. Dr. Monika Sachdeva, Prof., Mohali Campus, IKGPTU
2. Dr. Krishan Saluja, Prof., UIET, Chandigarh
3. Dr. Sandeep Sood, Associate Prof., NIT Kurukshetra
4. Dr. Geeta Sikka , Prof., NIT, Delhi
5. Dr. Ajay, Associate Prof., ACET, Amritsar
6. Dr. Harpreet Kaur, Associate Prof., DAVIET, Jalandhar
7. Dr. Raman Kumar, MC, IKGPTU
8. Dr. Anshu Bhasin, Asstt. Prof. , BOS Coordinator, IKGPTU

**Following members could not attend the meeting:**

- Dr. Sumeet Kaur Sehra, GNDEC
- Dr. Navdeepak Sandhu, CR&A, IKGPTU
- Mr. Jatinder Bansal , Design Consultant, TCS
- Dr. Parminder Singh, Professor, GNDEC
- Dr. Sandeep Kad. ACET, Amritsar
- Dr. Sunny Behal, SBSSTC, Ferozepur

  
Head  
Department of Electronics & Communication Engineering  
IKG Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



The Board took the agenda and following decisions were taken:

- The board discussed on the scheme and syllabus of purposed programs as in agenda no. 1 and suggested the following:

B.Tech- (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING) and B.Tech- DATA SCIENCE should follow the same scheme and syllabus as B.Tech- CSE ( Artificial Intelligence & Machine Learning) and B.Tech – CSE( Data Science) respectively , designed by the BoS, as the programs domain is completely same and all relevant courses are included in the latter schemes. The schemes are enclosed.

B.Tech- (ARTIFICIAL INTELLIGENCE & DATA SCIENCE), B.Tech- (ARTIFICIAL INTELLIGENCE), B.Tech- CSE (IoT) , and B.Tech- CSE ( Cyber Security) should follow the scheme of B.Tech- CSE till 4<sup>th</sup> semester. as per the decision taken by the BoS on 16<sup>th</sup> June,2021 in consideration with covering relevant courses of all public sector entrance exams.

Further, the board suggested to ask concerned colleges to send list of proposed courses of Electives of their relevant programs for consideration in the BoS.

Dr. Sandeep Sood

Dr. Geeta Sikka

Dr. Krishan Saluja

Dr. Ajay Shrama


Dr. Raman Kumar

Dr. Harpreet Kaur

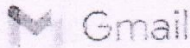
Dr. Anshu Bhasin

P.S. Online acceptance of MoM enclosed.

Dr. Monika Sachdeva  
(Chairman)

  
Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603





Anshu Bhasin &lt;anshuikgptu@gmail.com&gt;

## MoM and proceedings of BoS meet held online on 30th Jan.2023

8 messages

Anshu Bhasin &lt;anshuikgptu@gmail.com&gt;

30 January 2023 at 15:47

To: Dr Krishan Kumar <k.salujaiet@gmail.com>, Monika Sachdeva <monika@ptu.ac.in>, Sandeep Sood <san1198@gmail.com>, Raman Kumar <dr.ramankumar@ptu.ac.in>, sikkag@nitj.ac.in, Dr Krishan Kumar <ksalujaiet@gmail.com>, "ajay.cse@acetedu.in" <ajay.cse@acetedu.in>, harpreet\_daviet@yahoo.in

Respected members

Thanks for joining the BoS meet as scheduled. Following the discussions the MoM are enclosed with this mail and the annexure required as per agenda item 1 is also enclosed for your reference.

Kindly suggest, if any changes required, else send your acceptance in this mail.

Once again I extend gratitude for your expert contributions.

Regards

coordinator, BoS- CSE/IT

2 attachments

MoM.pdf  
105K

Scheme & Syllabus-B-Tech AI& ML.pdf  
1108K

Sandeep Sood &lt;san1198@gmail.com&gt;

31 January 2023 at 13:09

To: Anshu Bhasin &lt;anshuikgptu@gmail.com&gt;

Respected Sir,

Find the signed copy of MoM.

With regards,

[Quoted text hidden]

Dr. Sandeep Kumar Sood  
Associate Professor, Computer Applications,  
National Institute of Technology,  
Kurukshetra-136119, Haryana, India  
Mobile:9465204534

Skyp:live:.cid.9071aee726d33ae7

Mobile:9465204534

MoM\_signed.pdf  
99K

Head  
Department of Electronics & Communication Engineering  
JK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-146033

Ajay Sharma &lt;ajay.cse@acetedu.in&gt;

1 February 2023 at 12:17

To: Anshu Bhasin &lt;anshuikgptu@gmail.com&gt;

Cc: Dr Krishan Kumar <k.salujaiet@gmail.com>, Monika Sachdeva <monika@ptu.ac.in>, Sandeep Sood <san1198@gmail.com>, Raman Kumar <dr.ramankumar@ptu.ac.in>, sikkag@nitj.ac.in, harpreet\_daviet@yahoo.in

Accepted.

[Quoted text hidden]

Monika Sachdeva &lt;monika@ptu.ac.in&gt;

1 February 2023 at 12:43

<https://mail.google.com/mail/u/0/?ik=3a56f013ca&view=pt&search=all&permthid=thread-a%3Ar5861615849033293116&simpl=msg-a%3Ar586987826...> 1/3



2/6/23, 11:12 AM

Gmail - MoM and proceedings of BoS meet held online on 30th Jan.2023

To: Ajay Sharma <ajay.cse@acetedu.in>, Anshu Bhasin <anshuikgptu@gmail.com>  
Cc: Dr Krishan Kumar <k.salujaiet@gmail.com>, Sandeep Sood <san1198@gmail.com>, Raman Kumar <dr.ramankumar@ptu.ac.in>, "sikkag@nitj.ac.in" <sikkag@nitj.ac.in>, "harpreet\_daviet@yahoo.in" <harpreet\_daviet@yahoo.in>

Agreed to the MoM.

From: Ajay Sharma <ajay.cse@acetedu.in>

Sent: 01 February 2023 12:17

To: Anshu Bhasin <anshuikgptu@gmail.com>

Cc: Dr Krishan Kumar <k.salujaiet@gmail.com>; Monika Sachdeva <monika@ptu.ac.in>; Sandeep Sood <san1198@gmail.com>; Raman Kumar <dr.ramankumar@ptu.ac.in>; sikkag@nitj.ac.in <sikkag@nitj.ac.in>; harpreet\_daviet@yahoo.in <harpreet\_daviet@yahoo.in>

Subject: Re: MoM and proceedings of BoS meet held online on 30th Jan.2023

[Quoted text hidden]

Harpreet Bajaj <harpreet\_daviet@yahoo.in>  
Reply-To: Harpreet Bajaj <harpreet\_daviet@yahoo.in>  
To: Anshu Bhasin <anshuikgptu@gmail.com>

2 February 2023 at 13:01

Yes agreed to the MoM

with regards  
Harpreet K. Bajaj  
Associate Prof. & HoD-CSE  
DAVIET, Jalandhar

[Quoted text hidden]

Dr Geeta Sikka <sikkag@nitj.ac.in>  
To: Monika Sachdeva <monika@ptu.ac.in>  
Cc: Ajay Sharma <ajay.cse@acetedu.in>, Anshu Bhasin <anshuikgptu@gmail.com>, Dr Krishan Kumar <k.salujaiet@gmail.com>, Sandeep Sood <san1198@gmail.com>, Raman Kumar <dr.ramankumar@ptu.ac.in>, harpreet\_daviet@yahoo.in

3 February 2023 at 08:43

Agree to the minutes  
[Quoted text hidden]

Raman Kumar <dr.ramankumar@ptu.ac.in>  
To: Dr Geeta Sikka <sikkag@nitj.ac.in>, Monika Sachdeva <monika@ptu.ac.in>  
Cc: Ajay Sharma <ajay.cse@acetedu.in>, Anshu Bhasin <anshuikgptu@gmail.com>, Dr Krishan Kumar <k.salujaiet@gmail.com>, Sandeep Sood <san1198@gmail.com>, "harpreet\_daviet@yahoo.in" <harpreet\_daviet@yahoo.in>

3 February 2023 at 09:31

Agree to the minutes of meeting.

Get Outlook for Android

From: Dr Geeta Sikka <sikkag@nitj.ac.in>  
Sent: Friday, February 3, 2023 8:43:02 AM  
To: Monika Sachdeva <monika@ptu.ac.in>  
Cc: Ajay Sharma <ajay.cse@acetedu.in>; Anshu Bhasin <anshuikgptu@gmail.com>; Dr Krishan Kumar <k.salujaiet@gmail.com>; Sandeep Sood <san1198@gmail.com>; Raman Kumar <dr.ramankumar@ptu.ac.in>; harpreet\_daviet@yahoo.in <harpreet\_daviet@yahoo.in>  
Subject: Re: MoM and proceedings of BoS meet held online on 30th Jan.2023

<https://mail.google.com/mail/u/0/?ik=3a56f013ea&view=pt&search=all&permthid=thread-a%3Ar5861615849033293116&siml=msq-a%3Ar586987826...> 2/3

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



**IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR**

**Minutes of Meetings**

A meeting of Board of Studies (CSE/ IT), was scheduled on 22<sup>nd</sup> Dec., 2022 at 11.00 a.m., with the due permission of the concerned office.

**The agenda of the meeting were:**

**Agenda 1: Agenda 1: • To discuss on the details of the scheme and electives of following programs:**

- B.Tech- AI & ML 5<sup>th</sup> sem onwards ✓
- B.Tech- IoT & Cyber security with Blockchain 5<sup>th</sup> Sem onwards
- B.Tech- Data Science 5<sup>th</sup> sem onwards

**Agenda 2: To propose a new program under the NEP 2020 scheme**

**Any other agenda with the permission of the chair may please be allowed.**

**Following Members were present at the meeting:**

1. Dr. Monika Sachdeva, Prof., Mohali Campus, IKGPTU
2. Dr. Sandeep Sood, Assoc.Prof.,NIT Kurukshetra
3. Dr. Krishan Saluja, Prof., UIET, Chandigarh
4. Dr. Geeta Sikka , Associate Prof., NIT, Jalandhar
5. Dr. Manju Bala, Prof., Khalsa College of Engg.& Tech., Amritsar(online)
6. Dr. Raman Kumar, Assistant Professor, IKGPTU
7. Dr. Anshu Bhasin, Asstt. Prof. , BOS Coordinator, IKGPTU

**Following members could not attend the meeting:**

- Dr. Sumeet Kaur Sehra, GNDEC
- Dr. Navdeepak Sandhu, CR&A, IKGPTU
- Dr. Ajay Sharma, ACET, Amritsar
- Mr. Jatinder Bansal , Design Consultant, TCS
- Dr. Parminder Singh, Professor, GNDEC
- Dr. Sandeep Kad. ACET, Amritsar
- Dr. Sunny Behal, SBSSTC, Ferozepur
- Dr. Harpreet Kaur, Daviet

*[Handwritten Signature]*  
22/12/22

*[Handwritten Signature]*  
22/12/22

*[Handwritten Signature]*  
22/12/22

*[Handwritten Signature]*  
22/12/22

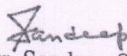
*[Handwritten Signature]*  
22/12/22

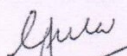
Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603

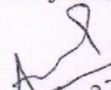


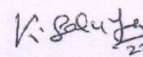
The Board took the agenda and following decisions were taken:


- The board discussed on the scheme and syllabus B.Tech- CSE (AI & ML), B.Tech-CSE( Data Science), B.tech- CSE (IoT& Cyber security with BlockChain Technology) 2020 batch onwards and finalized the 6<sup>th</sup>, & 7<sup>th</sup> & 8<sup>th</sup> semester. The scheme is enclosed with the MoM as Annexure I.
- The members discussed on the new program to be based on NEP 2020 scheme. The board needed more time for deliberations on the same, hence proposed to take it up in next meet.

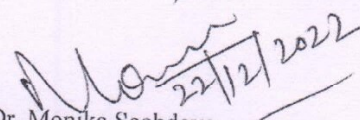
  
Dr. Sandeep Sood 22/12/22


  
Dr. Geeta Sikka 22/12/22

Dr. Manju Sharma (available  
online on  
22/12/22 request  
  
Dr. Anshu Bhasin

  
Dr. Krishan Saluja 22-12-2022

  
Dr. Raman Kumar 22/12/22

  
Dr. Monika Sachdeva  
(Chairman) 22/12/2022

  
Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



# IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

## Minutes of Meetings

A meeting of Board of Studies (CSE/ IT), was scheduled on 16<sup>th</sup> June,2021 at 11.00 a.m. through online( Zoom) mode, with the due permission of the concerned office.

### The agenda of the meeting were:

Agenda 1: Discuss the complete syllabus of 7th and 8th sem of B.Tech- CSE 2018 and 2019 batch for university campuses

Agenda 2: Discuss the scheme & syllabus of B.Tech- SE, 2019 batch onwards

Agenda 3: Discuss the scheme & syllabus of B.Tech CoE, 2019 batch onwards

Agenda 4: Discuss the complete syllabus for 3rd sem onwards of B.Tech- CSE (AI & ML), B.Tech-CSE( Data Science), B.Tech- CSE (IoT& Cyber security including BlockChain Technology) 2020 batch onwards

Agenda 5: Revisit the eligibility for M.Tech- CSE (Artificial Intelligence) and M.Tech- CSE (Cyber security) 2020 batch onwards

Agenda 6: Discuss the PhD scheme as per new guidelines of UGC.


Agenda 7: Mapping of proposed course of B.Sc.(CS) from Wilfrid Laurier University, Canada with B.Tech ( CSE), IKGPTU

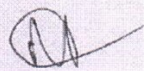
Agenda 8: Propose detailed summer training guidelines for batch 2019 in reference to the notification by university in this regard

### Following Members were present at the meeting:

1. Dr. Monika Sachdeva, Prof., Mohali Campus, IKGPTU
2. Dr. Sandeep Sood, Prof., Central University
3. Dr. Krishan Saluja, Prof., UIET, Chandigarh
4. Dr. Geeta Sikka , Associate Prof., NIT, Jalandhar
5. Dr. Manju Bala, Prof., Khalsa College of Engg.& Tech., Amritsar
6. Dr. Ajay Sharma, ACET, Amritsar
7. Dr. Sunny Behal, SBSSTC, Ferozpur
8. Mr. Jatinder Bansal , Design Consultant, TCS
9. Dr. Sandeep Kad. ACET, Amritsar
10. Dr. Raman Kumar, MC, IKGPTU
11. Dr. Anshu Bhasin, Asstt. Prof. , BOS Coordinator, IKGPTU

### Following members could not attend the meeting:

  
Head  
Department of Electronics & Communication Engineering  
IKG Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



HOD  
Department of Computer Science & Engineering  
IKG PTU Main Campus  
Kapurthala



- Dr. Parminder Singh, Professor, GNDEC
- Dr. Sumeet Kaur Sehra, GNDEC
- Dr. Navdeepak Sandhu, CR&A, IKGPTU

**The Board took the agenda and following decisions were taken:**

- The members deliberated on the scheme and detailed syllabus of **B.Tech-CSE, university campuses batch 2018** and finalized the same. The board proposed the revoke of semester courses, against 7<sup>th</sup> /8<sup>th</sup> semester training and suggested that the semester training can be offered at the institute level also for projects under learned faculty of university campuses, as per possibilities, along with the already prescribed forms, from time to time, of Industrial semester training.

Further, the list of OPEN ELECTIVES can also be covered through MOOCs of Swayam/NPTEL courses of 12 weeks along with certification. The list of these MOOCs will be provided by MOOCs coordinator of the institute, duly approved by the Chairperson of the BoS, as applicable from time to time. It is pertinent to mention that students can also opt for open electives offered by other departments of the institute.

**The scheme and syllabus, B.TECH – CSE 2018, university campuses, is enclosed with the MoM.**

For the batch 2019, B.Tech- CSE 5<sup>th</sup> semester, University campuses, the syllabus will remain same as to what is proposed and finalized for all other campuses.

**The scheme and syllabus, B.TECH – CSE 2019, university campuses, is enclosed with the MoM.**

- The board discussed on the scheme of **B.Tech(Computer Engg.) 2019 onwards** and finalized the same.

The detailed syllabus of 5<sup>th</sup> semester was approved.

**The scheme and syllabus is enclosed with the MoM**

- The board discussed on the scheme of **B.Tech(Software Engg.) 2019 onwards** and finalized the same.

The detailed syllabus of 5<sup>th</sup> semester was approved.

**The scheme and syllabus is enclosed with the MoM**

- The members also reached on the consent that for all the New B.Tech – CSE specialized programs, started w.e.f. July 2020, as mentioned in agenda item no. 4, the scheme and syllabus will remain same as that of B.Tech – CSE, 2018 onwards scheme and syllabus till 4<sup>th</sup> semester. Further, from the 5<sup>th</sup> semester onwards the scheme will remain the same along with the list of all core courses mentioned, only the list of electives will be varied and provided specific to the specialized program.

Head  
Department of Electronics & Communication Engineering  
JK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-141001

HOD  
Department of Computer Science & Engineering  
IKG PTU Main Campus  
Kapurthala



Based on the above decision the scheme and syllabus till 4<sup>th</sup> semester for B.tech- CSE (AI & ML), B.tech-CSE( Data Science), B.tech- CSE (IoT& Cyber security including BlockChain Technology) 2020 batch onwards, is enclosed with the MoM

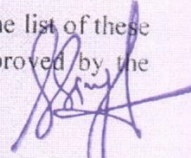
- The board revisited on the **eligibility** of M.Tech- CSE(Cyber Security) and M.tech (Artificial Intelligence) and it was agreed that it will be:  
**B.E. / B. Tech. (CSE/ IT/ Software Engg./ Computer Engg./ Software Systems/ Information Security/ Cyber Security/ Computational Engg./ Machine learning/ IoT/ Data Science) with atleast 50% (45% in case of candidate belonging to reserved category).**

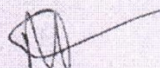
The board was of the opinion that though CDAC, where these programs are being run, is requesting to include Electronics and other relevant branches as eligibility, but same can not be considered keeping in line with the GATE entrance exam eligibility for M.Tech- CSE. It is reinforced here that GATE, is national level M.Tech entrance exam.

Also it was focused that the core courses required for M.Tech(CSE), particularly specialized programs as Artificial Intelligence and Cyber Security, as a prerequisite are not included in B.Tech programs other than included above.

Further, eligibility of M.Tech(CSE) of IKGPTU is similar to above and does not include B. Tech(Electronics and related fields) as eligibility.

- The members appreciated the draft of PhD new scheme from Jan 2021, as proposed by the RIC department, based on the guidelines of UGC and urged its implementation.
- The mapping report of B.Sc.(CS) from Wilfrid Laurier University, Canada with B.Tech (CSE), IKGPTU was prepared and observations were recorded. **The report is enclosed along with the MoM.**
- The summer training for 4<sup>th</sup> Semester students, batch 2019 only, has been proposed during the 5<sup>th</sup> semester vide letter no. IKG-PTU/DA/2470 dated 12-3-21, due to the pandemic situation. The board decided that the same can be covered through:  
Online Industrial Internships  
OR  
MOOCs of Swayam/ NPTEL courses of 12 weeks along with certification. The list of these MOOCs will be provided by MOOCs coordinator of the institute, duly approved by the Chairperson of the BoS, as applicable from time to time  
OR  
Institute level with 60 hrs. training module.

  
Head  
Department of Electronics & Communication Engineering  
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Main Campus, Kapurthala (Punjab)-144603

  
HOD  
Department of Computer Science & Engineering  
IKG PTU Main Campus  
Kapurthala



The meeting ended with a vote of thanks. Due to online mode of meeting the MoM and other documents will be signed in hard copy at a later stage (Acceptance taken through mail)

Dr. Sandeep Sood

Dr. Geeta Sikka

Dr. Manju Sharma

Dr. Krishan Saluja

Dr. Ajay Sharma

Dr. Sunny Behal

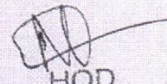
Dr. Raman Kumar

Dr. Sandeep Kad

Mr. JAtinder BAAnsai

Dr. Anshu Bhasin

Dr. Monika Sachdeva  
(Chairman)



HOD

Department of Computer Science & Engineering  
IKG PTU Main Campus  
Kapurthala



Head

Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603





anshu bhasin &lt;anshukmv@gmail.com&gt;

## MoM and Docs related to BOS meeting held on 16 June 2021

7 messages

anshu bhasin &lt;anshukmv@gmail.com&gt;

Wed, Jun 23, 2021 at 4:19 PM

To: Monika Sachdeva <Monasach1975@gmail.com>, Dr Manju Bala <drmanju571@gmail.com>, sandeepkad@acetamritsar.org, harpreet\_daviet@yahoo.in, sunnybehal@sbsstc.ac.in, ajaysharma@acetamritsar.org, dr.ramankumar@ptu.ac.in, san1198@gmail.com, Krishan Saluja <k.salujasbs@gmail.com>, sikkag@nitj.ac.in, jatinder Bansal <bansal.jatinder@gmail.com>  
Cc: Sarwan Singh <ssmailbag@yahoo.co.in>, vikaschawlaikgptu <vikas.chawla.ikgptu@gmail.com>

Respected BoS Member

Good Evening!

Apropos the BoS meeting held on 16 th June 2021 through online mode, please find enclosed with this mail the MoM and agenda wise documents prepared with the contribution of expert suggestions. You are requested to suggest corrections, if any and approve the same in this mail thread only. The same will be forwarded as your consent on the proceedings to the esteemed Dean Academics office.

Thank you in advance.

Regards

Dr. Anshu Bhasin  
Asstt. Professor  
Dept. of Comp. Sc. & Engg.  
I.K.G Punjab Technical University , Main Campus  
Kapurthala

11 attachments

- MoM.pdf  
424K
- Scheme and Syllabus of B.Tech CSE 2018 Batch-UC.pdf  
1792K
- Scheme and Syllabus of B.Tech CSE 2019 Batch-UC.pdf  
1505K
- BTech-Computer-Engineering 2019 onwards.pdf  
946K
- Scheme and syllabus -SE.pdf  
1294K
- Scheme & Syllabus-B.tech iot.pdf  
1040K
- Scheme & Syllabus-B.tech( AI& ML).pdf  
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- Scheme & Syllabus-B.techdata science.pdf  
1040K
- mapping remarks.pdf  
269K
- List of MOOCs courses for Open Electives.pdf  
266K
- Courses for Summer Training.pdf

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603

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HOD  
Department of Computer Science & Engineering  
IKG PTU Main Campus  
Kapurthala



**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR  
(REGISTRAR OFFICE)**

Ref. No. IKGPTU/Reg/NF/AC/307

Dated: 29.07.2022

**NOTIFICATION**

**Sub.: Academic Programs offered by IKGPTU in its Main Campus and Constituent Campuses during Admission Session 2022-23 (Revised).**

In supersession to the Notification No. IKGPTU/Reg/NF/AC/196 dated 30.05.2022, the Academic Programs to be offered at Main Campus & Constituent Campuses of I.K. Gujral Punjab Technical University during Admission Session 2022-23 are revised as under:-

**A. I.K. Gujral Punjab Technical University Main Campus, Kapurthala:-**

Sr. No.	Name of Department	Program Offered	Total Intake
1	Civil Engineering	B.Tech. (Civil Engineering)*	60
		M.Tech. (Civil Engineering) (Geotechnical Engineering)	18
2	Computer Science & Engineering	B.Tech. (Computer Science & Engineering)*	<b>480</b>
		M.Tech. (Computer Science & Engineering)	18
		Bachelor of Computer Applications*	<b>120</b>
3	Electrical Engineering	B.Tech. (Electrical Engineering)*	60
		M.Tech. (Electrical Engineering) (Power Systems & Renewable Energy)	18
4	Electronics & Communication Engineering	B.Tech. (Electronics & Communication Engineering)*	60
		B.Tech. (Artificial Intelligence and Machine Learning)	60
		M.Tech. (Electronics & Communication Engineering) (Wireless Communications)	18
5	Mechanical Engineering	B.Tech. (Mechanical Engineering)*	60
		M.Tech. (Mechanical Engineering) (Manufacturing Engineering & Automation)	18
6	Food Science & Technology	Bachelor of Science - Honours (Food Technology)	60
		Master of Science (Clinical Research)	10
		Master of Science (Food Technology)	25
7	Applied Sciences	Bachelor of Science - Honours (Chemistry)	60
		Master of Science (Chemistry)	25
		Master of Science (Environment Sciences)	10
		Bachelor of Science - Honours (Physics)	60
		Master of Science (Physics)	25



Sr. No.	Name of Department	Program Offered	Total Intake
		Bachelor of Science - Honours (Mathematics)	60
		Bachelor of Science (Non-Medical)	60
		Master of Science (Mathematics)	25
8	Journalism and Mass Communication	Bachelor of Arts (Journalism and Mass Communication)	60
		Master of Arts (Journalism and Mass Communication)	25
9	Management & Hospitality	Bachelor of Business Administration	60
		Bachelor of Hotel Management & Catering Technology (UGC)	60
		Master of Business Administration	60
		Master of Business Administration Five Years Integrated Course (FYIC)	Nil
		Master of Commerce Five Years Integrated Course (FYIC)	Nil
<b>Total Intake</b>			<b>1675</b>

**B. Constituent Campuses of IKGPTU:-**

Sr. No.	Campus Name	Name of Department	Program Offered	Total Intake
1	Amritsar Campus	Computer Science & Engineering	B.Tech. (Computer Science & Engineering)*	120
			M.Tech. (Computer Science & Engineering)	18
		Mechanical Engineering	B.Tech. (Mechanical Engineering)*	60
		Computer Applications	Bachelor of Computer Applications*	60
<b>Total Intake</b>				<b>258</b>
2	Hoshiarpur Campus	Civil Engineering	B.Tech. (Civil Engineering)	60
		Computer Science & Engineering	B.Tech. (Computer Science & Engineering)*	120
		Mechanical Engineering	B.Tech. (Mechanical Engineering)*	60
		Computer Applications	Bachelor of Computer Applications*	120
<b>Total Intake</b>				<b>360</b>
3	Mohali Campus - I	Computer Science & Engineering	B.Tech. (Computer Science & Engineering)*	120
<b>Total Intake</b>				<b>120</b>
4	Mohali Campus - II	Architecture	B.Architecture	30
			M.Architecture (Architecture Education & Research)	20
		Civil Engineering	B.Tech. (Civil Engineering)	60
		Planning	B.Planning	60
			M.Planning	18
<b>Total Intake</b>				<b>188</b>

\* Lateral Entry to B.Tech. & BCA courses shall be allowed as per Punjab Government / IKGPTU norms.

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab) - 146003




### Eligibility & Admission Conditions:

1. The eligibility criteria, admission procedure, fees to be charged and other conditions notified by the respective Regulatory Body (i.e. UGC / COA / AICTE / Govt. of Punjab / IKGPTU) from time to time, shall be applicable to all the courses offered at IKGPTU Main Campus and its Constituent Campuses for Admission Session 2022-23.

### General Conditions:

1. **Tuition Fee Waiver Scheme** shall be applicable as per AICTE / Punjab Government / IKGPTU norms.
2. **Reservation:** Reservation of seats shall be as per guidelines issued by the Government of Punjab Department of Technical Education and Industrial Training, from time to time.
3. All the courses offered at IKGPTU Campuses are subject to minimum enrolment of five students in Post Graduate courses and ten students in Under Graduate courses. Admission in these courses will be purely provisional, if the minimum admission criteria to any course is not fulfilled till the last date of admission, then the concerned HoD will initiate the process for further directions from competent authority to run that particular course having enrolment less than the specified minimum admissions.
4. **Refund Policy** shall be same as per guidelines issued by the respective Regulatory Body (i.e. UGC / COA / AICTE / Govt. of Punjab / IKGPTU) from time to time.

This is issued with approval of competent authority on 25.07.2022 vide e-office file No. I-25/144/2022-ADMC (Computer No: 74800).



29/7/2022

(Dr. S. K. Mishra)

Registrar

Dated: 29.07.2022

Endst. No. IKGPTU/Reg/NF/AC/308-311

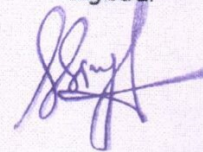
A copy is forwarded to the following for information and necessary action please.

1. Secretary to Vice Chancellor: For Kind information of Hon'ble Vice Chancellor
2. Dean (Academics)-cum-Chief Coordinator (Admissions 2022-23) : For circulate to all Deputy Dean (Faculty), HoDs (Teaching) and Director/Incharge, Constituent Campuses.
3. All HoDs/Incharge (Non Teaching)
4. Incharge (ITS): For uploading on website



(Dr. S. K. Mishra)

Registrar





**Department of Electronics and Communication  
Engineering  
I.K.Gujral Punjab Technical University  
Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)**

**Minutes of Meeting**

**Subject: Minutes of the meeting of Board of Studies Electronics and Communication Engineering on 03/08/2022.**

A meeting of the Board of Studies Electronics and Communication Engineering (ECE) held on 03.08.2022 at 10:30am at Department of Electronics and Communication Engineering, College Building-I, 2nd Floor, IKGPTU Main Campus, Kapurthala under the chairmanship of Dr. Avtar Singh Buttar for starting the new B.Tech. course in Artificial Intelligence and Machine Learning in the Department.

The Agenda of the meeting is to discuss and deliberate on:

1. The Study Scheme of B.Tech. Artificial Intelligence and Machine Learning.
2. To discuss any other matter with permission of the Chair.

Following members of the BOS & Special Invitees were present and share their expert inputs:

**Dr. Avtar Singh Buttar**, Chairman/HOD Department of ECE, IKGPTU Main Campus, Kapurthala  
**Dr. Jyoteesh Malhotra**, Professor, GNDU RC Jalandhar  
**Dr. Balwinder Raj**, Associate Professor NITTR Chandigarh  
**Dr. Balwinder Singh**, Associate Professor CDAC Mohali  
**Dr. Baljeet Kaur**, Assistant Professor, GNDEC, Ludhiana  
**Dr. Satvir Singh**, Associate Professor, IKGPTU Main Campus, Kapurthala  
**Dr. Raman Kumar**, Associate Professor, IKGPTU Main Campus, Kapurthala  
**Dr. Rakesh Goyal**, Assistant Professor, Deptt of ECE, IKGPTU Kapurthala  
**Dr. Rakesh Kumar**, Assistant Professor, Deptt of ECE, IKGPTU Kapurthala  
**Er. Navdeepak Sandhu**, Deputy Director, Department of CR&A, IKGPTU  
**Er. Jyotsana**, Alumni Deptt. Of ECE, IKGPTU Main Campus, Kapurthala  
**Er. Meenakshi**, Alumni Deptt. Of ECE, IKGPTU Main Campus, Kapurthala  
**Dr. Dalveer Kaur**, Assistant Professor, Deptt of ECE, IKGPTU Kapurthala (BOS Coordinator)

The following BOS Members could not attend the meeting:

- Dr. J.S. Sahambi, Professor IIT Ropar
- Dr. A.K. Khosla, Professor, NIT Jalandhar
- Dr. Manoj Kumar, Principal, DAVIET Jalandhar
- Dr. Jagjit S. Malhotra, Associate Professor, DAVIET Jalandhar
- Dr. Rajni, Professor, SBSSTC Ferozpur

Page 1 of 2

*(Handwritten signatures and initials)*

**Head**  
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Main Campus, Kapurthala (Punjab)-144603

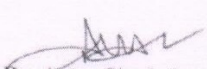


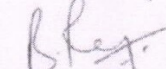
-Dr. Rajneeh Talwar, Principal CGC Jhanjeri

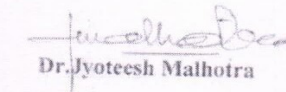
The Proceedings of the meeting are as under:

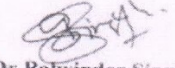
1. The Board adopted the Scheme and syllabus of University's 1<sup>st</sup> Year B.Tech.ECE for B.Tech. Artificial Intelligence and Machine Learning.
2. The Board discussed and finalized the subject titles of B.Tech. Artificial Intelligence and Machine Learning for 3<sup>rd</sup> and 4<sup>th</sup> semesters.
3. Subject titles were distributed for designing the syllabus content of B.Tech. Artificial Intelligence and Machine Learning for 3<sup>rd</sup> and 4<sup>th</sup> semesters.

The BOS ECE meeting ended with a vote of thanks.

  
Dr. Avtar Singh Buttar

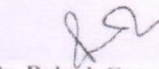
  
Dr. Balwinder Raj

  
Dr. Jyoteesh Malhotra

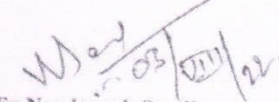
  
Dr. Balwinder Singh

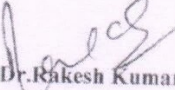
  
Dr. Satvir Singh

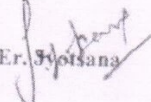
  
Dr. Raman Kumar

  
Dr. Rakesh Goyal

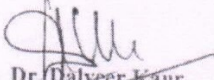
  
Dr. Baljeet Kaur

  
Er. Navdeepak Sandhu

  
Dr. Rakesh Kumar

  
Er. Jyotsana

  
Er. Meenakshi

  
Dr. Dalveer Kaur





# IKG Punjab Technical University

Syllabus(3<sup>rd</sup>-8<sup>th</sup>Semester)

for

Undergraduate Degree Programme



Bachelor of Technology

**Artificial Intelligence & Machine Learning**

DEPARTMENT OF ELECTRONICS  
AND COMMUNICATION  
ENGINEERING

Scheme & Syllabus  
2022 & onwards

*Handwritten signatures and dates:*  
Date: 31/8/22  
[Signature] [Signature] [Signature] [Signature] [Signature]

Head  
Department of Electronics & Communication Engineering  
IKG Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



Structure of Distribution of credits Artificial Intelligence & Machine Learning Program as per AICTE Model Curriculum:

Sr.No.	Category	Suggested Breakup of Credits (Total 160)
1	Humanities and Social Science including Management courses	12*
2	Basic Sciences courses	25*
3	Engineering Science courses-including workshop, drawing, basics of electrical/mechanical/computer etc.	24*
4	Professional Core courses	48*
5	Professional Elective courses relevant to chosen specialization/branch	18*
6	Open subjects - Electives from other technical and/or emerging subjects	18*
7	Project Work, Seminar and Internship in Industry or elsewhere	15*
8	Mandatory Courses [Environmental Sciences, Induction Program, Indian Constitution, Essence of Indian Traditional Knowledge]	(non-credit)
	Total	160*

\*Minor Variation is allowed as per need of the respective disciplines.


 A collection of handwritten signatures and initials in blue ink, including names like 'B.F.', 'ASR', 'Sandeep', 'Ajay', 'Bina', 'Lave', 'Om', and 'Sanyal'.

**Head**  
 Department of Electronics & Communication Engineering  
 IK Gujral Punjab Technical University  
 Main Campus, Kapurthala (Punjab)-144603





ਆਈ.ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ  
(ਅਕਾਦਮਿਕ ਵਿਭਾਗ)



Ref. No.: IKG-PTU/DA/ 2917

Date: 23/06/2021

- ਪ੍ਰੋਫੈਸਰ (ਡਾ.) ਪ੍ਰਭਜੋਤ ਕੌਰ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਆਰਕੀਟੈਕਚਰ)
- ਪ੍ਰੋਫੈਸਰ (ਡਾ.) ਨੀਲਕੰਠ ਗਰੇਵਰ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਮਕੈਨੀਕਲ ਇੰਜੀ)
- ਪ੍ਰੋਫੈਸਰ (ਡਾ.) ਹਰਮੀਨ ਸੋਚ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਮੈਨਜ਼ਮੈਂਟ)
- ਪ੍ਰੋਫੈਸਰ (ਡਾ.) ਗੌਰਵ ਭਾਗਰਵ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਕੈਮੀਕਲ ਸਾਇੰਸ)
- ਪ੍ਰੋਫੈਸਰ (ਡਾ.) ਆਸੀਸ ਆਰੋਤਾ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਮੈਥ-ਏ-ਮੈਕਿਟਕਸ ਸਾਇੰਸਜ਼)
- ਪ੍ਰੋਫੈਸਰ (ਡਾ.) ਮੋਨਿਕਾ ਸੱਚਦੇਵਾ, ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਕੰਪਿਊਟਰ ਸਾਇੰਸ ਇੰਜੀ)
- ਡਾ. ਅਵਤਾਰ ਸਿੰਘ ਬੁੱਟਰ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਈ.ਸੀ.ਈ.)
- ਡਾ. ਰਜਨੀਸ਼ ਕਾਂਤ ਸੱਚਦੇਵ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਫੂਡ ਸਾਇੰਸ ਇੰਜੀ)
- ਡਾ. ਹਿਤੇਸ਼ ਸੁਰਮਾ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਫਿਜੀਕਲ ਸਾਇੰਸਜ਼)
- ਡਾ. ਗਗਨਦੀਪ ਕੌਰ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਇਲੈਕਟ੍ਰੀਕਲ ਇੰਜੀ)
- ਡਾ. ਰਾਜੀਵ ਚੌਹਾਨ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਸਿਵਲ ਇੰਜੀ)
- ਡਾ. ਰਣਬੀਰ ਸਿੰਘ, ਵਿਭਾਗ ਮੁੱਖੀ ਅਤੇ ਚੇਅਰਮੈਨ ਬੀ.ਓ.ਐਸ. (ਜਰਨਲਿਜ਼ਮ ਐਂਡ ਮਾਸ ਕੰਮਿਊਨੀਕੇਸ਼ਨਜ਼)

ਰਾਜੀ-ਏ-ਮੈਲ

ਵਿਸ਼ਾ :- ਯੂਨੀਵਰਸਿਟੀ ਮੈਨ ਕੈਂਪਸ ਅਤੇ ਕਾਂਸਟੀਚਿਊਟ ਕੈਂਪਸ ਵਿੱਚ ਬੈਚ 2021 ਦੀ ਸਟੱਡੀ ਸਕੀਮ ਅਤੇ ਸਿਲੇਬਸ ਸਬੰਧੀ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਆਪ ਜੀ ਦੇ ਧਿਆਨ ਵਿੱਚ ਲਿਆਂਦਾ ਜਾਂਦਾ ਹੈ ਕਿ ਯੂਨੀਵਰਸਿਟੀ ਵੱਲੋਂ ਯੂਨੀਵਰਸਿਟੀ ਮੈਨ ਕੈਂਪਸ, ਕਾਂਸਟੀਚਿਊਟ ਕੈਂਪਸ ਅਤੇ ਐਡੀਲੇਟਿਡ ਕਾਲਜਾਂ / ਸੰਸਥਾਵਾਂ ਸਬੰਧੀ ਇੱਕ ਹੀ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ (2021-2023) ਸਬੰਧੀ ਨੋਟੀਫਿਕੇਸ਼ਨ ਜਾਰੀ ਕੀਤਾ ਜਾ ਚੁੱਕਾ ਹੈ ਜਿਸ ਦੀ ਕਾਪੀ ਆਪ ਜੀ ਨੂੰ ਪਹਿਲਾਂ ਹੀ ਭੇਜੀ ਜਾ ਚੁੱਕੀ ਹੈ ਜੀ।

ਇਸ ਸਬੰਧ ਵਿੱਚ ਆਪ ਜੀ ਦੇ ਧਿਆਨ ਵਿੱਚ ਜਾਂਦਾ ਹੈ ਕਿ ਯੂਨੀਵਰਸਿਟੀ ਮੈਨ ਕੈਂਪਸ ਅਤੇ ਕਾਂਸਟੀਚਿਊਟ ਕੈਂਪਸ ਲਈ ਪਹਿਲਾਂ ਵੱਖਰਾ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ ਦਾ ਨੋਟੀਫਿਕੇਸ਼ਨ ਜਾਰੀ ਕੀਤਾ ਗਿਆ ਸੀ। ਜਿਸ ਕਾਰਨ ਆਪ ਜੀ ਵੱਲੋਂ ਯੂਨੀਵਰਸਿਟੀ ਕੈਂਪਸ ਅਤੇ ਕਾਂਸਟੀਚਿਊਟ ਕੈਂਪਸ ਲਈ ਵੱਖਰੇ ਸਿਲੇਬਸ ਤਿਆਰ ਕਰਕੇ ਲਾਗੂ ਕੀਤੇ ਗਏ ਸਨ।

ਇਸ ਸਬੰਧੀ ਆਪ ਜੀ ਨੂੰ ਲਿਖਿਆ ਜਾਂਦਾ ਹੈ ਕਿ ਹੁਣ ਇੱਕ ਹੀ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ ਹੋਣ ਕਾਰਨ ਆਪ ਆਪਣੇ ਨਾਲ ਸਬੰਧਤ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ ਨਾਲ ਵਿਚਾਰ ਵਟਾਂਦਰਾ ਕਰਕੇ ਯੂਨੀਵਰਸਿਟੀ ਮੈਨ ਕੈਂਪਸ ਅਤੇ ਕਾਂਸਟੀਚਿਊਟ ਕੈਂਪਸ ਵਿੱਚ ਬੈਚ 2021 ਦੌਰਾਨ ਦਾਖਲ ਹੋਣ ਵਾਲੇ ਵਿਦਿਆਰਥੀਆਂ ਉਪਰ ਕੇਵਲ ਇੱਕ ਹੀ ਸਟੱਡੀ ਸਕੀਮ ਅਤੇ ਸਿਲੇਬਸ ਨੂੰ ਲਾਗੂ ਕਰਵਾਉਣ ਸਬੰਧੀ ਕਾਰਵਾਈ ਕੀਤਾ ਜਾਵੇ।

ਇਸ ਸਬੰਧੀ ਕੀਤੀ ਗਈ ਕਾਰਵਾਈ ਬਾਰੇ ਇੱਕ ਮਹੀਨੇ ਦੇ ਅੰਦਰ ਅੰਦਰ ਅਕਾਦਮਿਕ ਵਿਭਾਗ ਨੂੰ ਸੂਚਿਤ ਕਰਨ ਦੀ ਖੋਚਲ ਕੀਤੀ ਜਾਵੇ ਜੀ।

ਇਸ ਦਾ ਇੱਕ ਉਤਾਰਾ

- 1) ਇੰਚਾਰਜ ਸਕੱਤਰੇਤ ਉਪ-ਕੁਲਪਤੀ ਜੀ ਨੂੰ ਸੂਚਨਾ ਹਿੱਤ।
- 2) ਡੀਨ (ਅਕਾਦਮਿਕ) ਜੀ ਨੂੰ ਸੂਚਨਾ ਹਿੱਤ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ ਜੀ।
- 3) ਡਾਇਰੈਕਟਰ (ਮੈਨ ਕੈਂਪਸ) ਜੀ ਨੂੰ ਸੂਚਨਾ ਅਤੇ ਲੋੜੀਂਦੀ ਕਾਰਵਾਈ ਹਿੱਤ।

(ਡਾ. ਨਿੱਤਿਆ ਸੁਰਮਾ) 24/6/21  
ਡਿ.ਕੰਟਰੋਲਰ (ਅਕਾਦਮਿਕ)  
25/6/21

(ਡਾ. ਨਿੱਤਿਆ ਸੁਰਮਾ) 28/6/21  
ਡਿ.ਕੰਟਰੋਲਰ (ਅਕਾਦਮਿਕ)  
28/6/21

Head  
Department of Electronics & Communication Engineering  
IKG Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



3/3/2021

Welcome to Rediffmail

3/3/2021

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Mailbox of dr\_dogra

**Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU**

From: [mrigender.singh@rediffmail.com](mailto:mrigender.singh@rediffmail.com) on Wed, 01 Sep 2021 11:34:34  
To: "Dr. Dalveer Kaur" <[drn\\_dogra@rediffmail.com](mailto:drn_dogra@rediffmail.com)>

Please consider my consent on the subject cited above.

**Thanks & Regards**  
**Mrigender Singh Bedi**  
**Assistant Director CRA**  
**IKGPTU**

On Wed, 1 Sep 2021, 11:08 am Dr. Dalveer Kaur, <[drn\\_dogra@rediffmail.com](mailto:drn_dogra@rediffmail.com)> wrote:  
Very Good Morning!  
Respected BOS ECE Members,

**Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU.**

"Reference is made to the letter no. IKGPTU/DA/2917 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS."

**So, as per the directions from the Department of Academics we have to take the consent from your good self for the adoption of recently finalized B.Tech ECE study scheme for the study scheme and syllabus for B.Tech ECE Batch 2021-22 of Main Campus.**

**Please send your consent at an earliest for further perusal.**

The recently finalized B.Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

Thank you,

**Dr. Dalveer Kaur**  
**Assistant Professor & BOS ECE Coordinator,**  
**Department of Electronics And Communication Engineering,**  
**College Building - I,**  
**IK Gujral Punjab Technical University Main Campus,**  
**Near Punjab Geol Science City,**  
**Jalandhar-Kapurthala Highway, Kapurthala**  
**Punjab**  
**9473098068**



  
**Head**  
**Department of Electronics & Communication Engineering**  
**IK Gujral Punjab Technical University**  
**Main Campus, Kapurthala (Punjab)-144609**



**rediffmail**

Mailbox of dr\_dkpr

Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU

From: Rakesh Goyal <rkeshgoyal1@gmail.com> on Thu, 02 Sep 2021 12:27:16

To: 'Dr. Dalveer Kaur' <dn\_dkpr@rediffmail.com>

Dear Madam,

I hereby give my consent to adopt B.Tech ECE 2018 scheme for B.Tech ECE 2021-22 batch at IKGPTU main campus.

Thanks and Kind Regards,

**Dr. Rakesh Goyal**

Assistant Professor,

ECE Department, Main Campus,

I. K. Gujral Punjab Technical University,

Kapurthala-Lalandaor Highway, Kapurthala

#9485834826, 989834220

On Wed, Sep 1, 2021 at 11:06 AM Dr. Dalveer Kaur <dn\_dkpr@rediffmail.com> wrote:  
 Very Good Morning!  
 Respected BOS ECE Members,

**Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU.**

"Reference is made to the letter no. IKGPTU/DA/2917 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS."

**So, as per the directions from the Department of Academics we have to take the consent from your good self for the adoption of recently finalized B.Tech ECE study scheme for the study scheme and syllabus for B.Tech ECE Batch 2021-22 of Main Campus.**

**Please send your consent at an earliest for further perusal.**

The recently finalized B.Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

Thank you,

**Dr. Dalveer Kaur**  
 Assistant Professor & BOS ECE Coordinator,  
 Department of Electronics And Communication Engineering,  
 College Building - I,  
 I.K. Gujral Punjab Technical University Main Campus,  
 Near PusaPa Gujral Science City,  
 Jalandhar-Kapurthala Highway, Kapurthala  
 Punjab  
 9478098065



**Head**  
 Department of Electronics & Communication Engineering  
 IK Gujral Punjab Technical University  
 Main Campus, Kapurthala (Punjab)-144603







THANKS AND REGARDS  
Dr RAJNEESH TALWAR  
**DIRECTOR ENGINEERING,**  
Chandigarh Engineering College Jhanjeri  
Mobile: Punjab 940307  
Phone: 0160-5045334  
Mobile: 9872048019  
Email: director\_engg@ecjca.in

Website: www.ecjca.in



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Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



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Mailbox of an \_dogra

**Subject: Re: Consent request for the adoption of B. Tech ECE 2018 scheme for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU**

From: Rajni Rajni <rajni.c123@gmail.com> on Thu, 02 Sep 2021 18:45:20

To: Jagjit Singh <jainhoora292@gmail.com>

CC: Dr. Dalveer Kaur <dn\_dogra@rediffmail.com>, Avtar Singh <danshavartar@rediffmail.com>, VIKAS CHAWLA <vikas\_chawla\_kgptu@gmail.com>, deenacadiptu <deenacadiptu@gmail.com>, Vivek Talwar <vivek\_ptu@yahoo.in>, dmanojkumarandla <dmanojkumarandla@gmail.com>, info1414 <info@sgcmohali.in>, info <info@qgc.ac.in>, rajni\_c123 <rajni\_c123@yahoo.co.in>, Dsairavim <dsairvim@gmail.com>, Dr. Balwinder <balwinder@nittrind.ac.in>, jssahambh <jssahambh@itrac.in>, khoshlak <khoshlak@nit.ac.in>, "arun khosla" <arun.khosla@gmail.com>, Baljinder <baljinder@qndec.ac.in>, jyoteshcejal <jyoteshcejal@gmail.com>, "placement" <placements\_ptu@gmail.com>, balwinder <balwinder@qcdac.in>, Parveen Kumar <parveen177ju@gmail.com>, placements <placements\_ptu@gmail.com>, mrgenderbedi <bedi\_ptu@gmail.com>, Rakesh Goyal <rakeshgoyal15@gmail.com>

Dear madam,

I hereby give my consent for adoption of B. Tech ECE 2018 study scheme for B. Tech ECE 2021-22 batch at main campus IKGPTU.

Regards

On Wed, 1 Sep, 2021, 2:31 pm Jagjit Singh, <jainhoora292@gmail.com> wrote:

Kind Attention : Dr Dalveer Kaur

Madam,

I hereby give my consent to adopt B. Tech ECE 2018 scheme for B. Tech ECE 2021-22 batch at IKGPTU main campus.

Thanks with regards

On Wed, Sep 1, 2021 at 11:06 AM Dr. Dalveer Kaur <dn\_dogra@rediffmail.com> wrote:

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**Subject: Consent request for the adoption of B. Tech ECE 2018 scheme for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU.**

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Thank you,

Dr. Dalveer Kaur

**Head**  
Department of Electronics & Communication Engineering  
M. G. Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



9/3/2021

Welcome to Rediff

Assistant Professor & BOS ECE Coordinator,  
Department of Electronics And Communication Engineering,  
College Building - I,  
I.K. Gujral Punjab Technical University Main Campus,  
Near Pushpa Gujral Science City,  
Jalandhar-Kapurthala Highway, Kapurthala  
Punjab.  
9478098066

Dr. Jagjit Singh Malhotra  
Associate Professor(ECE)  
Department of Electronics & Communication Engineering  
DAV Institute of Engineering & Technology  
Jalandhar-144008, Punjab, India  
Mobile: 9872201740



Head  
Department of Electronics & Communication Engineering  
I.K. Gujral Punjab Technical University  
Main Campus, Jalandhar (Punjab)-144603



**Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU**

From: Rajni Rajni <rajni.ct123@gmail.com> on Thu, 02 Sep 2021, 18:45:20

To: Jagjit Singh <jagjit292@gmail.com>

Cc: 'Dr. Dalveer Kaur' <dn\_dogra@rediffmail.com>; Avtar Singh <avtarsharma@rediffmail.com>; VIKAS CHAWLA <vikas.chawla.ikgptu@gmail.com>; deenacaddpu <deenacaddpu@gmail.com>; Vivek Talwar <vivek\_ptu@yahoo.in>; dimanjyokumarindia <dimanjyokumarindia@gmail.com>; r13114 <r13114\_sirfo@qognohall.in>; info\_sirfo@gu.ac.in>; jssahambi@ir.ac.in>; khoslaak <khoslaak@gmail.com>; Dr Balwinder <balwinderq@mitrd.ac.in>; rajni.ct123 <balveekaur@gmail.com>; jyotheesh <jyotheesh@gu.ac.in>; arun khosla <arun.khosla@gmail.com>; Balveekaur <balveekaur@mitrd.ac.in>; jyotheesh <jyotheesh@gu.ac.in>; jyotheesh <jyotheesh@gmail.com>; placementspu <placementspu@rediffmail.com>; Rakesh Goyal <drakeshgoyal15@gmail.com>

Dear madam,  
I hereby give my consent for adoption of B.Tech ECE 2018 study scheme for B.Tech ECE 2021-22 batch at main campus IKGPTU.

Regards

On Wed, 1 Sep, 2021, 2:31 pm Jagjit Singh, <jagjit292@gmail.com> wrote:  
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Thanks with regards

On Wed, Sep 1, 2021 at 11:06 AM Dr. Dalveer Kaur <dn\_dogra@rediffmail.com> wrote:  
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Respected BOS ECE Members,

**Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU.**

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**Please send your consent at an earliest for further perusal.**

The recently finalized B.Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

Thank you!

Dr. Dalveer Kaur

  
**Head**  
Department of Electronics & Communication Engineering  
IKGPTU  
Main Campus (Punjab)-144603



rediffmail

Mailbox of dr\_dogra

Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU

From: Manoj Kumar <drmanojkumarindia@gmail.com> on Wed, 01 Sep 2021 15:50:10  
To: Dr Dalveer Kaur <dr\_dogra@rediffmail.com>

Dear Madam,

I hereby give my consent to adopt B.Tech ECE 2018 scheme for B.Tech ECE 2021-22 batch at IKGPTU main campus.

Thanks with regards

On Wed, Sep 1, 2021, at 11:08 AM, Dr. Dalveer Kaur <dr\_dogra@rediffmail.com> wrote:  
Very Good Morning!

Respected BOS ECE Members,

Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU.

Reference is made to the letter no. IKGPTU/DA/2917 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS."

So, as per the directions from the Department of Academics we have to take the consent from your good self for the adoption of recently finalized B.Tech ECE study scheme for the study scheme and syllabus for B.Tech ECE Batch 2021-22 of Main Campus.

Please send your consent at an earliest for further perusal.

The recently finalized B.Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

The receiver

Dr. Dalveer Kaur  
Assistant Professor & BOS ECE Coordinator  
Department of Electronics And Communication Engineering,  
College Building - I,  
I.K. Gujral Punjab Technical University Main Campus,  
Near Post Box Gurgaon Science City,  
Jalandhar/Airport Road Highway, Kap. Thala  
Punjab  
947 9098026

Dr. Manoj Kumar

Principal  
DAV Institute of Engg. & Technology,  
Jalandhar  
M: 987723-03998, 0478101102  
Web: www.davcollege.org Email: pmcp (@davcollege.org)  
Our Industry Academic Alliances: (scg | IBM | Microsoft | Oracle | RS&T | CSI | STE | IEEEL | CII | AIMA  
https://email.rediff.com/user/rediffmail/?recipient=1000...&tags=1&id=...&name=1504516110.S.16869.Z.4697.H.1X.them@rediffmail.com

Head  
Department of Electronics & Communication Engineering  
IKGPTU Punjab Technical University  
Main Campus (Punjab)-144663



**rediffmail**

Mailbox of dr\_dogra

**Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU**

From: Dr Arun Khosla <khoslaa@nit.ac.in> on Fri, 03 Sep 2021, 08:25:32

To: 'Dr. Dalveer kaur' <dn\_dogra@rediffmail.com>

Cc: Avtar Singh <ansnavara@rediffmail.com>; VIKAS CHANLA <vikas.chanla.ikgptu@gmail.com>; deanaecadp@rediffmail.com; Yuvak Taneer <yuvak\_jdu@yahoo.in>; amanraj.kumarandia <amanraj.kumarandia@gmail.com>; rino.14 <rino@opendb.in>; rno.5110@qgc.ac.in>; rajni\_c123 <rajni\_c123@yahoo.co.in>; 'rajni\_c123' <rajni\_c123@gmail.com>; Dheeraj <dheerajm@gmail.com>; Dr. Balwinder <balwinderai@nitrrd.ac.in>; 'mahotaz92' <mahotaz92@gmail.com>; 'jssarathi' <jssarathi@gmail.com>; 'anil.khosla' <anil.khosla@gmail.com>; Baljeetkaur <baljeetkaur@gmail.com>; 'jyoteesh.ecelga' <jyoteesh.ecelga@gmail.com>; 'jyoteesh' <jyoteesh@gmail.com>; 'balwinder' <balwinder@nitrrd.ac.in>; 'Jyoteesh' <jyoteesh.ecelga@gmail.com>; 'placementspu' <placementspu@gmail.com>; 'placementspu' <placementspu@gmail.com>; 'Rakesh Goyal' <rakeshgoyal15@gmail.com>

Good Morning Dr. Dalveer

I endorse the proposal regarding the adoption of scheme at main campus.

Warm regards

Arun Khosla

On Wed, 1 Sep 2021, 11:06 Dr. Dalveer kaur <dn\_dogra@rediffmail.com> wrote:

Very Good Morning

Respected BOS ECE Members,

**Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU**

Reference is made to the letter no. IKGPTU/DA/2917 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS.


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**Please send your consent at an earliest for further perusal.**

The recently finalized B.Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

Thank you

Dr. Dalveer Kaur  
Asst. Prof. & BOS ECE Coordinator,  
Department of Electronics and Communication Engineering,  
College Building - I  
IKGPTU Punjab Technical University Main Campus  
Near Postbag Gurgaon Science City  
Jalandhar/Kapurthala Highway, Kapurthala  
Punjab  
9478698676

  
**Head**  
Department of Electronics & Communication Engineering  
IKGPTU Punjab Technical University  
Main Campus, Kapurthala (Punjab-144663)



rediffmail

Mailbox of dr. dogra

Subject: Re: Consent request for the adoption of B. Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU

From: Dr. J Mahindra <jyves@rediffmail.com> Sent: Thu, 02 Sep 2021 07:37:34

To: Dr. Dalveer Kaur <dn\_dogra@rediffmail.com>

Greetings of the day!

Madam

I hereby give my consent to adopt B.Tech ECE 2018 scheme for B.Tech ECE 2021-22 batch at main campus.

On Wed, 1 Sep 2021, 11:06 am Dr. Dalveer Kaur <dn\_dogra@rediffmail.com> wrote:

Very Good Morning!  
Respected BOS ECE Members

**Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU.**

"Reference is made to the letter no. IKGPTU/DA/2917 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS."

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**Please send your consent at an earliest for further perusal.**

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Thank you,

Dr. Dalveer Kaur  
Assistant Professor & BOS ECE Coordinator,  
Department of Electronics And Communication Engineering,  
College Building - I,  
IKG Gujral Punjab Technical University Main Campus,  
Near Puchia Gujral Science City,  
Jalandhar-Kapurthala Highway, Kapurthala  
Punjab  
9473038066



Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-141003



**rediffmail**

Handwritten: HANDESH D. DOGRA

**Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU**

From: baljeetkaur@rediffmail.com [Wed, 31 Sep 2021 14:40:59]

To: "Dr. Daiseer Kaur" <dr\_dogra@rediffmail.com>, danishavtar@rediffmail.com

Dear Madam,

I hereby give my consent to adopt B.Tech ECE 2018 scheme for B.Tech ECE 2021-22 batch at IKG PTU main campus.

**Dr. Baljeet Kaur**  
Assistant Professor  
Guru Nanak Dev Engg College  
Ludhiana

On 2021-09-01 14:27, Dr. Daiseer Kaur wrote:

- > Dr. Daiseer Kaur
- > Assistant Professor
- > Department of Electronics And Communication Engineering
- > College Building - I
- > IK, Gujral Punjab Technical University Main Campus,
- > Near Pustripa Gujral Science City,
- > Jalandhar-Kapurthala Highway, Kapurthala
- > Punjab,
- > 9473099066

> From: "Dr. Daiseer Kaur" <dr\_dogra@rediffmail.com>

> Sent: Wed, 1 Sep 2021 11:06:01 GMT+0530

> To: "Amit Singh" <amitsingh@rediffmail.com>; "Vikas

> CHAWLA" <vikas.chawla.ikgptu@gmail.com>; "deenaadpuri" <deenaadpuri@gmail.com>; "Vivek

> Talwar" <vivek\_talwar@rediffmail.com>

> Subject: Consent request for the adoption of B.Tech ECE 2018 scheme

> for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU

> Very Good Morning!

> Respected BOS ECE Members,

> Subject: Consent request for the adoption of B.Tech ECE 2018 scheme

> for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU.

- > > "Reference is made to the letter no. IKGPTUDA2317 wherein your kind
- > > attention is drawn to the fact that as University has to adopt study
- > > scheme and syllabus for the students who will be admitted in the
- > > session 2021-22 from the recently finalized and prevailing study
- > > schemes of main campus/constituent campus of IKGPTU or Affiliated
- > > Institutes. It is desired that same may be intimated to Department of
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- > > are attached here for your reference. If any clarification please
- > > contact BOS ECE coordinator on the number given below.

Handwritten signature: DV

Handwritten signature: Danishavtar

Head  
Department of Electronics & Communication Engineering  
IK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603



14/9/2021

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Mailbox of dn\_dogra

Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU

From: Jagjit Singh <jagjit103292@gmail.com> on Wed, 01 Sep 2021 14:31:37

To: Dr. Dalveer Kaur <dn\_dogra@rediffmail.com>

Cc: Avtar Singh <avtar103292@gmail.com>, VIKAS CHAWLA <vikas\_chawla\_ikgptu@gmail.com>, deenacodhu <deenacodhu@gmail.com>, Vivek Talwar <vivek\_talwar\_ikgptu@gmail.com>, dmanojkumarindia <dmanojkumarindia@gmail.com>, info1414 <info1414@gmail.com>, info <info@icgpc.ac.in>, rajni\_c123 <rajni\_c123@yahoo.com>, rajni123 <rajni\_c123@gmail.com>, Desavulin <desavulin@gmail.com>, Dr. Balwinder Sahinwinderaj <balwinderaj@gmail.com>, jesshanthi <jesshanthi@iit.ac.in>, khoslaak <khoslaak@gmail.com>, arun khosla <arun.khosla@gmail.com>, Baljinderkaur <baljinderkaur@gmail.com>, jyotheesivoreja <jyotheesivoreja@jydu.ac.in>, jyotheesivoreja <jyotheesivoreja@gmail.com>, Balwinder <balwinder@icgpc.ac.in>, Parveen Kumar <parveen77plu@gmail.com>, placementsplu <placementsplu@gmail.com>, mngenderdebi <debi\_plu@gmail.com>, Rakesh Goyal <drakeshgoyal15@gmail.com>

Kind Attention : Dr. Dalveer Kaur

Madam,

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Thanks with regards

On Wed Sep 1, 2021 at 11:06 AM Dr. Dalveer Kaur <dn\_dogra@rediffmail.com> wrote:  
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Respected BOS ECE Members,

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Thank you.

Dr. Dalveer Kaur  
Assistant Professor & BOS ECE Co-ordinator,  
Department of Electronics And Communication Engineering,  
College Building - 1,  
IKG Gyal Punjab Technical University Main Campus,  
Near Pushpa Goyal Science City,  
Jalandhar-Kapurthala Highway, Kapurthala



Punjab  
947608611

(Working in Rajasthan, India)

Dr. Jagjit Singh Khosla  
Associate Professor  
Department of Electronics & Communication Engineering  
Dr. Bhaninder Singh Institute of Technology  
Jalandhar, Punjab, India  
Mobile: 9815111111

*Handwritten signature*

*Handwritten signature*  
Head  
Department of Electronics & Communication Engineering  
IKGujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-141003



3/2/2021

Welcome to Rediffmail Inbox

Mailbox of Dr. Doga

**rediffmail**

**Subject: Re: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU**

**From: Dr. Balwinder Singh <balwinder@rediffmail.com>**

To: Avtar Singh <avtar@rediffmail.com>, VIKAS CHAWLA <vikas.chawla.ikgptu@gmail.com>, "Dr. Dalveer Kaur" <dr\_dalveer@rediffmail.com>, Vikal Talwar <vikal\_talwar@yahoo.com>, deveshcapru <deveshcapru@gmail.com>

Cc: Rakshit Goyal <rakshitgoyal15@gmail.com>, jashohar292 <jashohar292@gmail.com>, mnginder1001 <benji01@gmail.com>, jpkteerjeeajal <sydeeshan\_eajal@gmail.com>, rajni\_c123 <rajni\_c123@yahoo.com>, m0114 <shrikeshavreddy14@gmail.com>, Baljinder <baljinder@rediffmail.com>, rajni\_c123 <rajni\_c123@yahoo.com>, jayesh <jayesh2001@gmail.com>, "Anurkshob" <anurkshob@gmail.com>, dimarajkumarindia <dimarajkumarindia@gmail.com>, jayesh <jayesh2001@gmail.com>, "Parveen Kumar" <parveer77pu@gmail.com>, info <info@ggc.ac.in>, Dr. Balwinder <balwinder@rediffmail.com>

भा.सि.भा.

श्री. उदयशंकर सिंह, प्रिन्सिपल, IKGPTU में B.Tech ECE 2021-2022 बैच के लिए B. Tech ECE 2018 स्कीम को अपनाने के लिए अपनी सहमति प्रदान करने के लिए, कृपया निम्नलिखित सूचनाओं को पढ़ें।

Dear All  
I am giving my consents for the above cited subject "adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU".

Thanks and regards

**Dr. Balwinder Singh, Joint Director, C-DAC**

On September 1, 2021 at 11:06 AM "Dr. Dalveer Kaur" <dn\_doga@rediffmail.com> wrote

Very Good Morning!  
Respected BOS ECE Members,

**Subject: Consent request for the adoption of B.Tech ECE 2018 scheme for B.Tech ECE 2021-2022 batch at Main Campus IKGPTU.**


"Reference is made to the letter no. IKGPTU/DA/29117 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS."

**So, as per the directions from the Department of Academics we have to take the consent from your good self for the adoption of recently finalized B.Tech ECE study scheme for the study scheme and syllabus for B.Tech ECE Batch 2021-22 of Main Campus.**

**Please send your consent at an earliest for further perusal.**  
The recently finalized B.Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

Thank you

**Dr. Dalveer Kaur**  
Assistant Professor & BOS ECE Coordinator,  
Department of Electronics And Communication Engineering,  
College Building - 1,  
Main Campus, Technical University Main Campus,  
New Delhi, Gurgaon, Haryana, India  
Jasowda <Jasowda@rediffmail.com>  
Punjab  
3472086035

**Head**  
Department of Electronics & Communication Engineering  
Main Campus, Gurgaon




With Regards: Dr. R.N.

**Dr. Ravinder Singh, M.Tech, Ph.D.**

Head, Department of Electronics & Communication Engineering  
Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-141003  
A-34 Phase VIII Industrial Area Mohali Punjab 142015  
Email: [dravin@rediffmail.com](mailto:dravin@rediffmail.com)  
Phone No: +919888000646

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Head  
Department of Electronics & Communication Engineering  
JK Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-141003



rediffmail

Author of Dr. Dogni

Subject: Re: Consent request for the adoption of B. Tech ECE 2018 scheme for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU

From: Dr. Balwinder Raj <balwinderaj@rediffmail.com> Wed, 01 Sep 2021 12:00:19

To: Dr. Dalveer Kaur <dr\_dogri@rediffmail.com>

Cc: Avtar Singh <avtar1974@rediffmail.com>, VIKAS CHAWLA <vikas.chawla@kgpu.ac.in>, deenakadppu <deenakadppu@gmail.com>, Vivek Talwar <vivek\_ptu@yahoo.in>, drmanojkumarindia <drmanojkumarindia@gmail.com>, nit01414 <nit01414@gmail.com>, info <info@kgpc.ac.in>, rajni, c123 <rajni.c123@yahoo.co.in>, "rajni, c123" <rajni.c123@gmail.com>, Drashvini <drashvini@gmail.com>, jmalhotra292 <jmalhotra292@gmail.com>, jssaharshi <jssaharshi@itit.ac.in>, krostak <krostak@itit.ac.in>, "arun, krostak" <arun.krostak@gmail.com>, Baljeetkaur <baljeetkaur@gnidc.ac.in>, jyotheejeal <jyotheejeal@gnidc.ac.in>, "arun, krostak" <arun.krostak@gmail.com>, Baljeetkaur <baljeetkaur@gnidc.ac.in>, Parveen Kumar <parveen770@gmail.com>, placements\_ptu <placements\_ptu@gmail.com>, mrigender bhai <mrighender@gmail.com>, Rakesh Goyal <srakestgoyal15@gmail.com>

Dear Dr Dalveer Kaur madam, I hereby give my consent for adoption of B. Tech ECE 2018 scheme for B. Tech ECE 2021-22 batch at main campus IKGPTU.

Best Regards  
Balwinder Raj

On Wed, 1 Sep 2021, 11:08 AM Dr. Dalveer kaur, <dr\_dogri@rediffmail.com> wrote:  
Very Good Morning!

Respected SOS ECE Members,

Subject: Consent request for the adoption of B. Tech ECE 2018 scheme for B. Tech ECE 2021-2022 batch at Main Campus IKGPTU.

"Reference is made to the letter no. IKGPTU/DA/2917 wherein your kind attention is drawn to the fact that as University has to adopt study scheme and syllabus for the students who will be admitted in the session 2021-22 from the recently finalized and prevailing study schemes of main campus/constituent campus of IKGPTU or Affiliated Institutes. It is desired that same may be intimated to Department of Academics after getting confirmation from the respective BOS."

So, as per the directions from the Department of Academics we have to take the consent from your good self for the adoption of recently finalized B. Tech ECE study scheme for the study scheme and syllabus for B. Tech ECE Batch 2021-22 of Main Campus.

Please send your consent at an earliest for further perusal.

The recently finalized B. Tech ECE scheme and the letter for adoption are attached here for your reference. For any clarification please contact BOS ECE coordinator on the number given below.

Thank you,

Dr. Dalveer Kaur  
Assistant Professor & BOS ECE Coordinator,  
Department of Electronics And Communication Engineering,  
College Building - 1,  
IK Gujral Punjab Technical University Main Campus,  
Near Pusaqa Gujral Science City,  
Jalandhar-Kapurthala Highway, Kapurthala  
Punjab  
9478098066



**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY**  
**Board of Studies in**  
**Electronics and Communication Engineering**

(Minutes of Meeting)

A meeting of the Board of Studies (Electronics and Communication Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on July 05<sup>th</sup>, 2017 at 10:00 am in Conference Hall, 2<sup>nd</sup>Floor, Department of Academics, G+3 Building, Main campus, IK Gujral Punjab Technical University Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was to review and revise the scheme of B.Tech. (Electronics and Communication Engineering) being run in main campus & affiliated colleges and to discuss any other matter with the permission of Chair.

Following members of the BOS were present and actively participated:

- |                            |                                |
|----------------------------|--------------------------------|
| 1. Dr. Avtar Singh Buttar  | Chairman(Professor)            |
| 2. Dr. Sandeep Singh Gill  | Member (Professor)             |
| 3. Dr. Harbhajan Singh     | Member (Professor)             |
| 4. Dr. Satvir Singh        | Member (Assoc. Professor)      |
| 5. Dr. Jagroop Singh Sidhu | Member (Assoc. Professor)      |
| 6. Dr. Jaswinder Singh     | Member (Assoc. Professor)      |
| 7. Dr. Rakesh Goyal        | Member (Asstt. Professor)      |
| 8. Dr. Amit Gupta          | Coordinator (Asstt. Professor) |
| 9. S. Navdeepak Sandhu     | Member (T&P)                   |

Special invitee

- |                              |   |
|------------------------------|---|
| 1. Dr. Kamaljit Singh Bhatia | Asstt. Professor, IKG PTU, Batala Campus    |
| 2. Dr. Rakesh Kumar          | Asstt. Professor, IKG PTU, Bhikiwind Campus |

Following members of BOS could not attend the meeting:

- |                         |                           |
|-------------------------|---------------------------|
| 1. Dr. Nina Gupta       | Member (Outside Expert)   |
| 2. Dr. Dharminder Singh | Member (Outside Expert)   |
| 3. Dr. Charanjit Singh  | Member (Professor)        |
| 4. Er. Reetipal Singh   | Member (Assoc. Professor) |



5. Dr. A K Chaterjee

Member (Outside Expert)

6. Dr. Dalveer Kaur

Member (Asstt. Professor)

The Board has taken the following decisions:

1. All the members of BOS are agreed to adopt credit based system and it has been recommended to keep up total credit 180 approximately as per AICTE/ UGC guidelines.
2. It has been strongly recommended that the study scheme and syllabus of UG programs to be offered at IKGPTU Main Campus and its affiliated colleges/ institutions (except autonomous colleges/institutions as per UGC) should cover complete GATE/UPSC syllabus.
3. It had been observed that most of the Engineering streams have their individual subjects in first year of B. Tech. But Electrical, Electronics and Instrumentation Engineering have been given combined single subject. So, it is recommended that individual subject of Basics of Electronics Engineering should be introduced in place of Basics of Electrical and Electronics Engineering.
4. In 3<sup>rd</sup> Semester syllabus, Mathematics-III subject has to be re-designed according to applications of Electronics & Communication Engineering.
5. It has been decided that one project has also to be submitted by the student in each lab.
6. Further, it has been unanimously suggested by all the members of BOS that from the point of view of more employability of students, it is recommended to introduce non credit subject employability enhancement classes for students under the supervision of respective Mentors from 3<sup>rd</sup> Semester onwards.
7. It has been strongly recommended to introduce a Mathematical computation/ simulation like MATLAB/ Sci LAB/OCTAVE or any other equivalently designed software based practical subject in first year of B.Tech. which will be helpful for all engineering streams.
8. It had been recommended that Industrial training should be done in vacations after 4<sup>th</sup> and 6<sup>th</sup> semester instead of whole semester of final year and the skill development programs or enhancing skill in core area may be introduced in the scheme.
9. It is also decided that General Fitness subject should be non credit subject in the scheme.
10. Department of Electronics & Communication Engineering, IKGPTU Main Campus shall propose a study scheme and detailed syllabus/ contents of various subjects for





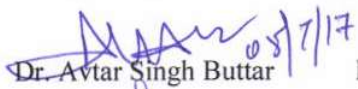
B.Tech. (Electronics & Communication Engineering) based on the suggestions of this meeting and it will be discussed and finalised in the next meetings of BOS.

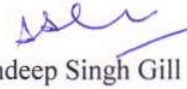
11. More number of elective subjects should be introduced in the scheme of B.Tech. ECE.

**Most important recommendation based on current observation:**

Henceforth, whenever any new program is to be started by university or its affiliated colleges/institutions, it should be brought forward to BOS of the university well in advance so that appropriate recommendations can be given by BOS before any kind of approvals to new program/s. Treat this as most important to avoid any kind of problems at later stages.

The meeting ended with a vote of thanks.

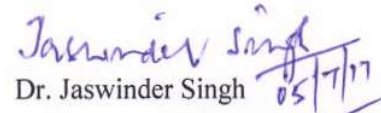
 05/7/17  
Dr. Avtar Singh Buttar

  
Dr. Sandeep Singh Gill

  
Dr. Harbhajan Singh

  
Dr. Satvir Singh


  
Dr. Jagroop Singh Sidhu

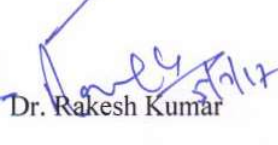
 05/7/17  
Dr. Jaswinder Singh

  
Dr. Rakesh Goyal

  
Dr. Amit Gupta

 05/7/17  
S. Navdeepak Sandhu

 05/07/17  
Dr. Kamaljit Singh Bhatia

 05/7/17  
Dr. Rakesh Kumar



**IK Gujral Punjab Technical University**  
**Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)**  
**Department of Electronics & Communication Engineering**

**Minutes of Meeting**

**Subject: 4<sup>th</sup> Meeting of Board of Studies Electronics and Communication Engineering**

On 19.07.2018 at 10:00am, a meeting of Board of Studies (Electronics and Communication Engineering) was conducted under the chairmanship of Dr A. S. Buttar to finalize the scheme and syllabus of B.Voc/ D.Voc in Electronics Manufacturing Services and requirements of Labs of Department of Electronics & Communication Engineering as per new AICTE Model Curriculum and any other matter with the permission of the Board.

The agenda of the meeting was to finalize the scheme and syllabus of B.Voc. in (Electronics Manufacturing Services) as required by Department of Academics IKGPTU Main Campus Kapurthala vide letter no. IKG-PTU/DA/1321 as per the requirement of AICTE to prepare the syllabus for 2018-2019 admission to various B.Voc. courses. Accordingly, the study scheme and Syllabus contents for B.Voc./ D.Voc. course of Electronics Manufacturing Services is presented in this meeting.

Following members of the BOS & Special Invitees were requested to attend said meeting for expert inputs:

- |     |                          |                     |  |
|-----|--------------------------|---------------------|--|
| 1.  | Dr Avtar Singh Buttar    | Chairman BOS ECE    | Head ECE, IKGPTU Main Campus Kapurthala  |
| 2.  | Dr Sandeep Singh Gill    | Professor           | GNDEC Ludhiana   |
| 3.  | Dr Satvir Singh          | Associate Professor | IKGPTU Main Campus Kapurthala  |
| 4.  | Dr J S Sahambi           | Professor           | IIT Ropar, Special Invitee   |
| 5.  | Dr Rajesh Khanna         | Professor           | Thapar University, Special Invitee   |
| 6.  | Dr Dilbag Singh          | Associate Professor | NIT Jalandhar, Special Invitee   |
| 7.  | Dr Dalveer Kaur          | Assistant Professor | IKGPTU Main Campus Kapurthala  |
| 8.  | Dr Rakesh                | Assistant Professor | IKGPTU Main Campus Kapurthala  |
| 9.  | Dr Amit Gupta            | Assistant Professor | IKGPTU Main Campus Kapurthala  |
| 10. | Dr Kamaljit Singh Bhatia | Assistant Professor | Batala Campus, Special Invitee   |
| 11. | Dr Rakesh Kumar          | Assistant Professor | IKGPTU Bhikhiwind Campus Special Invitee   |
| 12. | Dr Ashish Arora          | Associate Professor | IKGPTU Main Campus, Mathematical Sciences Kapurthala (Special Invitee on the spot) |



13.	Dr Gagandeep Kaur	Associate Professor	Electrical Engineering	IKGPTU Main Campus, Kapurthala (Special Invitee on the spot)
14.	Dr Niteeka	Assistant Professor	(Physics)	IKGPTU Main Campus, Kapurthala (Special Invitee on the spot)
15.	Dr Priyanka Mahajan	Assistant Professor	(Languages)	IKGPTU Main Campus, Kapurthala (Special Invitee on the spot)
16.	Dr Rupesh	Assistant Professor	(Chemistry)	IKGPTU Main Campus, Kapurthala (Special Invitee on the spot)
17.	Er. Reetipal Singh	Associate Professor		IKGPTU Main campus Kapurthala (Special Invitee)
18.	Sh. Devinder Kumar	Assistant Registrar		Store & Purchase, IKGPTU Main campus, Kapurthala (Special Invitee)
19.	Er Navdeepak Sandhu	Deputy Director,	Training Placement	IKGPTU Kapurthala
20.	Dr Nina Gupta	Professor		PEC Chandigarh
21.	Dr Charanjit Singh	Professor		RBIET Hoshiarpur
22.	Dr Jaswinder Singh	Associate Professor		BCET Gurdaspur
23.	Dr Harbhajan Singh	Professor		SSIET Derrabassi
24.	Dr Dharminder Singh	Professor		IIIT Roorkee
25.	Dr A.K.Chatterjee	Professor		Thapar University
26.	Dr Balwinder Singh	Principal Scientist		CDAC-Mohali
27.	Dr B.S.Saini	Professor		NIT Jalandhar
28.	Dr Jagroop Singh Sidhu	Associate Professor		DAVIET Jalandhar

Members of BOS from Sr. No. 20-28 could not attend the meeting.

Board members deliberated and took the following decisions:

- Members of the BOS discussed and finalised the curriculum in line with AICTE Model Curriculum for B.Voc/ D.Voc in Electronics Manufacturing Services for Level 3 semester I and Level 3 semester II only and a unit of Ultrasonics has been removed from the syllabus of (3.GE.03) Applied Physics of Level 3 (Semester I). The curriculum for Level 4, Level 5, Level 6 and Level 7 will be discussed in subsequent BOS meetings.
- The Board also discussed and finalized the syllabus for Research Methodology and IPR with minor changes for M.Tech ECE courses - M.Tech ECE (Wireless Communication), M.Tech Electronics and Communication Engineering, M.Tech


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- 19/7/18
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VLSI Design, M.Tech Embedded Systems, M.Tech Electronics Product Design and Technology courses as per the credits allocated by New AICTE Model Curriculum 2018.

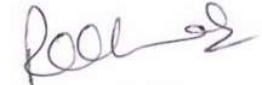
Meeting ended with vote of thanks

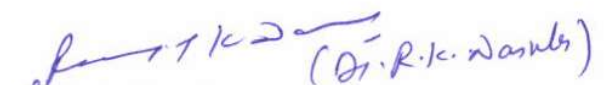
  
19/7/18  
Dr Avtar Singh Buttar

  
Dr Sandeep Singh Gill

  
19.07.2018  
Dr J S Sahambi

  
Dr Dilbag Singh


  
Dr Rajesh Khanna

  
Dr Ashish Arora  
(Dr. R.K. Wasthi)

  
Dr Satvir Singh

  
19/7/18  
Dr Gagandeep Kaur

  
19/7/18  
Dr Rakesh


  
19/7/18  
Dr Rupesh

  
19/7/18  
Dr Priyanka Mahajan

  
19/7/18  
Dr Amit Gupta

  
19/7/18  
Dr Kamraj Singh Bhatia


  
Dr Niteeka

  
19/7/18  
Dr Rakesh Kumar

  
19/7/18  
Er Reetipal Singh

  
19/07/18  
Sh Devinder Kumar

  
19/7/18  
Dr [unclear]

  
19/07/18  
Er Navdeepak Sandhu



# IK Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)



## Minutes of Meeting

**Subject: 2<sup>nd</sup> Meeting of Board of Studies Electronics and Communication Engineering**

On 24.04.2018 at 10:00am, 2<sup>nd</sup> meeting of Board of Studies (Electronics and Communication Engineering) was conducted under chairmanship of Dr A. S. Buttar to deliberate and update UG & PG schemes of following degree/diploma courses:

1. B.Tech. in Electronics & Communication Engineering
2. B.Tech. in Electronics & Instrumentation Engineering
3. B.Tech. in Electronics & Telecomm. Engineering
4. M.Tech. in Electronics & Communication Engineering
5. M.Tech. in ECE (Wireless Communication)
6. M.Tech. in Electronic Product Design & Technology
7. M.Tech. in Embedded Systems
8. M.Tech. in VLSI
9. B.Tech. in Electronics & Computer Engineering
10. Post Graduate Diploma in Electronic Product Design & Technology

In the meeting of BOS Chairpersons, held on April 13, 2018 at 4:30pm it is decided to update curriculums of all degree courses running in all department. Students of coming first year (Batch 2018) in Main Campus and all affiliated colleges (except UGC autonomous colleges) will undertake revised curricula. Accordingly, the study schemes for degree courses listed above at Sr. No. 1-8 and syllabus contents for first year were deliberated at length for finalization. Degree/Diploma courses from Sr. No. 9-10 are not running in any institute under IKGPTU Kapurthala and, therefore, not considered in this meeting.

Following members of the BOS & special invitees were requested to attend said meeting for expert inputs:

- |                          |                     |                              |
|--------------------------|---------------------|------------------------------|
| 1. Dr Avtar Singh Buttar | Chairman BOS ECE    | Head ECE, IKGPTU Main Campus |
| 2. Dr Sandeep Singh Gill | Professor           | GNDEC Ludhiana               |
| 3. Dr Harbhajan Singh    | Professor           | SSIET Derbassi               |
| 4. Dr Satvir Singh       | Associate Professor | IKGPTU Main Campus           |
| 5. Dr Dalveer Kaur       | Assistant Professor | IKGPTU Main Campus           |
| 6. Dr Rakesh Kumar       | Assistant Professor | IKGPTU Main Campus           |
| 7. Dr Amit Gupta         | Assistant Professor | IKGPTU Main Campus           |

*[Signature]*  
24/4/18

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24/4/18

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24/4/18

*[Signature]*

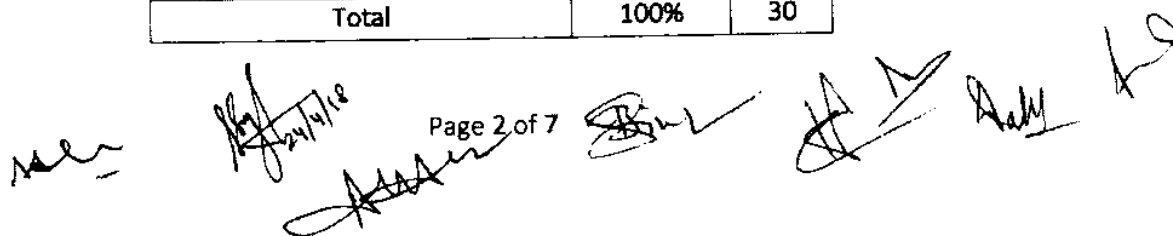


8.	Dr Kamaljit Singh Bhatia	Assistant Professor	Batala Campus, Special Invitee
9.	Dr Rakesh Kumar	Assistant Professor	Bhikhiwind Campus, Special Invitee
10.	Dr Balwinder Singh	Principal Engineer	CDAC Mohali, Special Invitee
11.	Dr J S Sahambi	Professor	IIT Ropar, Special Invitee
12.	Dr Rajesh Khanna	Professor	Thapar University, Special Invitee
13.	Dr Dilbag Singh	Associate Professor	NIT Jalandhar, Special Invitee
14.	Dr Charanjit Singh	Professor	RBIET Hoshiarpur
15.	Dr Nina Gupta	Professor	PEC Chandigarh
16.	Dr Dharminder Singh	Professor	IIT Roorkee
17.	Dr A K Chatterjee	Professor	Thapar University
18.	Er Navdeepak Singh	T&P Officer	IKGPTU Kapurthala
19.	Dr Jagroop Singh	Associate Professor	DAVIET Jalandhar
20.	Dr Jaswinder Singh	Associate Professor	BCET Gurdaspur

Members of BOS from Sr. No. 14-20 could not attend the meeting. Board members deliberated on many issues and finally following decisions were taken unanimously:

1. The board accepted the credit-based system in line with AICTE Model Curriculum January 2018 for all UG & PG degree courses under consideration.
2. Students of batch 2018 onwards at IKGPTU main campus, constituent campuses, affiliated colleges (except UGC autonomous college) will undertake new curriculum.
3. Study scheme and course contents for first year will be same for all B.Tech. degree courses as decided by the office of Dean Academics. Board has observed that course contents of Basic Electrical Engineering are heavy for first year students, therefore, board recommended to remove Module 5 & 6 and replace with basic topics from electronics engineering.
4. Students will undertake three trainings of total 12 weeks: (a) 4-week Institutional Training, (b) 4-week Industrial Training after 4<sup>th</sup> sem and (c) 4-week Industrial Training after 6<sup>th</sup> sem. Six months industrial training will be eliminated from the curriculum.
5. To enhance soft skills among students three practical courses (of 1 credit each) on Professional Skills have been introduced in 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> semesters.
6. Under the supervision of course teacher, each student will design and submit a relevant (hardware/software) project in each practical course. Distribution of practical course assessment will be as follows:

S. No.	Description	Percentage	Marks
1.	Practical File	10%	3
2.	Attendance	10%	3
3.	Mid-Sem-Test	20%	6
4.	Viva	20%	6
5.	Lab Project	40%	12
<b>Total</b>		<b>100%</b>	<b>30</b>





6. Board recommends that course contents and credits, if any, of all mandatory courses should be same for all B.Tech. disciplines
7. Board also discussed and approved the departmental Vision & Mission statements, Programme Education Objectives (PEOs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) for the Department of ECE at IKGPTU Main Campus (attached at Annexure-I).  
Other constituent campuses and affiliated institutes are free to adopt/modify PEOs and PSOs statements as per respective vision and mission statements. Board of studies recommends all institutes to adopt Outcome Based Education system and get accredited by National Board of Accreditation.
8. Further, in the meeting member directed to the departmental faculty to update propose Study Scheme for B.Tech. degree course and Course Outcomes (4 to 6 in number) for each theory and practical course of 3<sup>rd</sup> semester onwards. Board will deliberate and finalize the same in up coming BOS Meetings.

Meeting ended with vote of thanks

  
Dr Sandeep Singh Gill

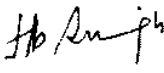
  
Dr Rakesh Goyal

  
Dr Kamaljit Singh Bhatia

  
Dr Dilbag Singh


  
Dr Dalveer Kaur

  
Dr Rakesh Kumar

  
Dr Harbhajan Singh

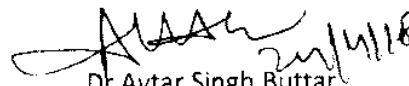
  
Dr Balwinder Singh

  
Dr Amit Gupta

  
Dr J S Sahambi  
24.4.2018

  
Dr Satvir Singh

  
Dr Rajesh Khanna

  
Dr Avtar Singh Buttar



# IK Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)

Department of Electronics & Communication Engineering

②  
IKGPTU/ECE/302  
28/05/18

## Minutes of Meeting

**Subject: Minutes of BOS ECE Meeting held on 25.05.2018.**

On 25.05.2018 at 10:00am, a meeting of Board of Studies (Electronics and Communication Engineering) was held under the chairmanship of Dr A S Buttar to deliberate and update UG & PG schemes of following degree courses:

1. B.Tech. in Electronics & Communication Engineering
2. B.Tech. in Electronics & Instrumentation Engineering
3. B.Tech. in Electronics & Telecommunication Engineering
4. M.Tech. in Electronics & Communication Engineering
5. M.Tech. in ECE (Wireless Communication)
6. M.Tech. in Electronic Product Design & Technology
7. M.Tech. in Embedded Systems
8. M.Tech. in VLSI

Following members of the BOS & Special Invitees were present in the meeting to give their inputs:

- |                              |                        |                                    |
|------------------------------|------------------------|------------------------------------|
| 1. Dr Avtar Singh Buttar     | Chairman BOS ECE       | Head ECE, IKGPTU Main Campus       |
| 2. Dr J S Sahambi            | Professor              | IIT Ropar, Special Invitee         |
| 3. Dr Dilbag Singh           | Associate Professor    | NIT Jalandhar, Special Invitee     |
| 4. Dr Rajesh Khanna          | Professor              | Thapar University, Special Invitee |
| 5. Dr Harbhajan Singh        | Professor              | SSIET Derrabassi                   |
| 6. Dr Charanjit Singh        | Professor              | RBIET Hoshiarpur                   |
| 7. Dr Satvir Singh           | Associate Professor    | IKGPTU Main Campus                 |
| 8. Dr Dalveer Kaur           | Assistant Professor    | IKGPTU Main Campus                 |
| 9. Dr Rakesh                 | Assistant Professor    | IKGPTU Main Campus                 |
| 10. Dr Amit Gupta            | Assistant Professor    | IKGPTU Main Campus                 |
| 11. Dr Kamaljit Singh Bhatia | Assistant Professor    | Batala Campus, Special Invitee     |
| 12. Dr Jagroop Singh         | Associate Professor    | DAVIET Jalandhar                   |
| 13. Dr Gagandeep Kaur        | Associate Professor EE | IKGPTU Main Campus                 |

The following members were absent in the meeting:

1. Dr. Sandeep Singh Gill, GNDEC, Ludhiana
2. Dr. Rakesh Kumar, IKGPTU-Bhikhiwind campus
3. Dr. Balwinder Singh, CDAC Mohali
4. Dr. Nina Gupta, PEC, Chandigarh,
5. Dr. Dharminder Singh, IIT Roorkee,



6. Dr. A.K.Chatterjee, Thapar University, Patiala
7. Er. Navdeepak Singh, IKGPTU, Kapurthala
8. Dr. Jaswinder Singh, BCET, Gurdaspur
9. Dr. Monika Sachdev, IKGPTU, Kapurthala

Board members deliberated and agreed on the following recommendations:

- 10.1 Board observed and finalized the Study schemes and syllabus contents for second year of B.Tech. in (1) Electronics & Communication Engineering (2) Electronics & Instrumentation Engineering and (3) Electronics & Telecommunication Engineering along with the course objectives and course outcomes.
- 11.2 Lab syllabii of B.Tech. ECE (3rd to 8th semesters) along with their Course Objectives & Outcomes were also discussed in the meeting and approved.
- 12.3 The Board deliberated on the subjects Engineering Mathematics III/Biology/Engineering Mechanics and decided that these subjects are not required in B.Tech. (1) Electronics & Communication Engineering (2) Electronics & Instrumentation Engineering and (3) Electronics & Telecommunication Engineering (as per AICTE Model/Curriculum 2018).
- 13.4 The Board also reviewed & approved syllabii of (1) M.Tech. in Electronics & Communication engineering (2) M.Tech. in ECE (Wireless Communication) New/Old schemes, (3) M.Tech. in VLSI Design, (4) M.Tech. in Electronics Product Design and Technology, (5) M.Tech. in Embedded Systems along with course objectives and course outcomes.
- 14.5 Non-credit Mandatory & audit courses will be treated as non-credited courses.


Meeting ended with vote of thanks



Dr Rajesh Khanna




Dr Dilbag Singh



Dr Gagandeep Kaur



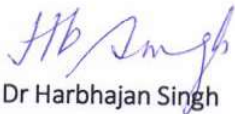
Dr Kamaljit Singh Bhatia



Dr Dalveer Kaur




Dr Charanjit Singh



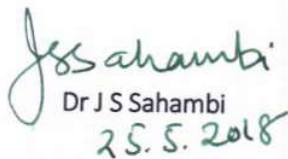
Dr Harbhajan Singh



Dr Jagroop Singh



Dr Satvir Singh

  
25.5.2018

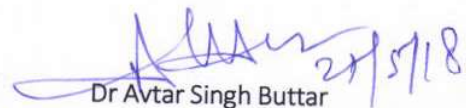
Dr J S Sahambi

  
25.5.18

Dr Amit Gupta

  
25/5/18

Dr Rakesh

  
25/5/18

Dr Avtar Singh Buttar





IKGPTU/ECE/111  
20/2/19

**I.K.Gujral Punjab Technical University**  
**Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)**  
**Department of Electronics & Communication Engineering**

**Minutes of Meeting**

**Subject: Minutes of the 5<sup>th</sup> meeting of Board of Studies Electronics and Communication Engineering on 18/02/2019.**

A meeting of the Board of Studies Electronics and Communication Engineering (ECE) held on 18.02.2019 at 10:30am, at Department of ECE, College Building-I, 2nd Floor, IKGPTU Main Campus, Kapurthala under the chairmanship of Dr Satvir Singh (officiating) for the under graduate programs listed below:

1. B.Tech. in Electronics & Communication Engineering
2. B.Tech. in Electronics & Instrumentation Engineering
3. B.Tech. in Electronics & Telecommunication Engineering

The Agenda of the meeting is to deliberate and finalize:

1. Study Scheme of above B.Tech. ECE and related programs from 3rd to 8th semesters.
2. Syllabus of above B.Tech. ECE and related programs for 2nd year along with Vision, Mission, Program Outcomes (POs), Course Objectives and Course Outcomes (COs).
3. To discuss any other matter with permission of the Chair.

Following members of the BOS & Special Invitees were requested to attend said meeting for expert inputs:

- |                       |                       |                                |
|-----------------------|-----------------------|--------------------------------|
| 1. Dr J S Sahambi     | Professor             | IIT Ropar, Special invitee     |
| 2. Dr Dilbag Singh    | Professor             | NIT Jalandhar, Special invitee |
| 3. Dr. Y.S. Brar      | Professor & Director  | IKGPTU Main Campus             |
| 4. Dr. Harpal Singh   | Professor             | CEC Landran Special invitee    |
| 5. Dr Satvir Singh    | Associate Professor   | IKGPTU Main Campus Member      |
| 6. Dr. Jagroop Singh  | Associate Professor   | DAVIET Jalandhar Member        |
| 7. Dr. Ashish Arora   | Associate Professor   | IKGPTU Main Campus             |
|                       | Mathematical Sciences | Special Invitee                |
| 8. Dr. Sarabjot Singh | Assistant Professor   | IKGPTU Main Campus,            |
|                       | (Human Values)        | Nominee/Special invitee        |
| 9. Dr Rakesh Kumar    | Assistant Professor   | IKGPTU Bhikhiwind Campus,      |
|                       |                       | Special Invitee                |
| 10. Dr Rakesh Goyal   | Assistant Professor   | IKGPTU Main Campus Member      |

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11. Dr Amit Gupta	Assistant Professor	IKGPTU Main Campus Member
12. Dr. K.S.Bhatia	Assistant Professor	IKGPTU Batala Campus
13. Dr. Shabir Sidhu	Assistant Professor	IKGPTU Main Campus
14. Dr. Anshu Bhasin	Assistant Professor	IKGPTU Main Campus
15. Er Navdeepak Singh	Coordinator BOS CSE	Special Invitee
16. Dr Dalveer Kaur	T&P Officer	IKGPTU Kapurthala
17. Dr Sandeep Singh Gill	Assistant Professor & Coordinator BOS ECE	IKGPTU Main Campus Member
18. Dr Harbhajan Singh	Professor	GNDEC Ludhiana Member
19. Dr Avtar Singh Buttar	Professor	SSIET Derrabassi Member
20. Dr. B.S.Sohi	Chairman BOS ECE	Head ECE, IKGPTU Main Campus
21. Dr Jaawinder Singh	Pro Vice Chancellor	Chandigarh University, Gharuan
22. Dr Charanjit Singh	Associate Professor	Special Invitee
23. Dr Nina Gupta	Professor	BCET, Gurdaspur Member
24. Dr Dharminder Singh	Professor	RBIET Hoshiarpur Member
25. Dr A K Chatterjee	Professor	PEC Chandigarh Member
		IIT Roorkee Member
		Thapar University Member

Members of BOS from Sr. No. 16-24 could not attend the meeting.

Based on the deliberations, the Board recommended the following:

1. The Study schemes for B.Tech. Electronics and Communication Engineering (ECE), B.Tech. Electronics and Telecommunication Engineering (ETE) and B.Tech. Electronics and Instrumentation Engineering (EIE) from 3rd semester to 8th semester was discussed and finalised (attached herewith as Annexure-I).
2. Statements for Vision and Mission, Program Educational Objectives, Program Outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes has been discussed and finalised specifically for the B.Tech. ECE IKGPTU Main campus (attached herewith as Annexure-II).
3. The Board observed and finalized the syllabus contents for second year of B.Tech. Electronics & Communication Engineering (ECE), B.Tech. Electronics & Instrumentation Engineering (EIE), B.Tech. Electronics & Telecommunication Engineering (ETE) (attached herewith as Annexure-III).
4. In the meeting of BOS ECE, it is decided that following chapters should be covered in Mathematics III to meet the requirements of other core subjects, irrespective of the suggestions given by AICTE.
  - a. Fourier Transform
  - b. Laplace Transform
  - c. z-Transform
  - d. Probability & Statistic

It is decided by the Board that the contents of the (a) Data Structures and Algorithms and (b) Environmental Sciences (a non credit Mandatory course).


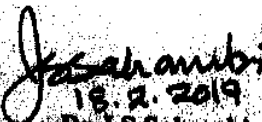
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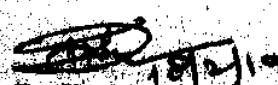
in 4th semester and (c) HUSS courses - Foundational course in Humanities (Development of Societies/Philosophy) and (d) Universal Human Values-2: Understanding Harmony (in semesters 3rd and 4th, respectively) will be provided by the concerned Department.

6. The board finalised the syllabus of the subject: (a) BTEC-305-18 Basic Electronics (for B.Tech. Civil Engineering and B.Tech. Mechanical Engineering), (b) BTEC-315-18 Basic Electronics Lab (for B.Tech. Civil Engineering), (c) Instrumentation & Sensor Technology (for B.Tech Civil Engineering) as requested by the respective BOS.
7. Further important suggestions (if any) will be incorporated with the approval of Chairman BOS ECE to be put for rectification in next BOS ECE meeting.

Meeting ended with vote of thanks.

  
Dr. Dilip Singh  
  
18.2.2019  
Dr. J S Sahambi



  
Dr. Yadwinder Singh Brar

  
18/2/19  
Dr. Anshu Bhatia  
  
18/2/19  
Dr. Harpal Singh

  
Dr. Ashish Arora  
(could not attend)

  
18/2/19  
Dr. Sarvag Singh  
  
Dr. Rakesh

  
18/2/19  
Dr. Anshu Bhatia


  
18/2/19  
Dr. Rakesh Kumar  
  
Dr. Sarabjit Singh

  
18/2/19  
Dr. Kamal Singh

  
18/2/19  
Dr. Ashish Arora  
  
18/2/19  
Er. Navdeep Sandhu

  
Dr. Shashi Singh  
(could not attend)

  
Dr. Anshu Bhatia

  
18/2/19  
Dr. Anshu Bhatia



### Minutes of Meeting

As per the University BOS notification no. IKGPTU/Reg/Notification/203 dated 13/05/2019, the 1<sup>st</sup> meeting of the notified Board of Studies of Electronics & Communication Engineering (BOS ECE) (Affiliated Colleges), I.K.Gujral Punjab Technical University, Kapurthala was held under the Chairmanship of Dr. Manoj Kumar, Principal DAVIET, Jalandhar and Vice-Chairmanship of Dr. Avtar Singh Buttar, Associate Professor, Department of Electronics and Communication Engineering IKGPTU at Department of Academics, Conference room, 2nd Floor, IKGPTU, Kapurthala on 16.07.2019 at 10:30am.

The meeting started with the welcome address to the members of BOS (ECE) by the Dr Manoj Kumar.

The following member were present :

Dr. Manoj Kumar, Principal DAVIET, Jalandhar (Chairman)  
Dr. Avtar Singh Buttar, Head, Department of ECE, IKGPTU, Kapurthala (Vice-Chairman)  
Dr. Suyeb Ahmed Khan, BKSJEC, Amritsar (Member)  
Dr. Vinay Bhatia, CGC, Landran (Member)  
Dr. Narinder Sharma, ACET, Amritsar (Member)  
Dr. Baljeet Kaur, GNDEC Ludhiana (Member)  
Dr. Tripatjot Singh Panag, BBSBEC, Fatehgarh Sahib (Member)  
Dr. Balwinder Singh Dhaliwal, GNDEC, Ludhiana (Member)  
Dr. Ravindra Kumar Sharma, Professor ECE, Ambedkar Instt. of Advance Communication Technologies & Research Geeta Colony, Delhi (Member)  
Dr. N.S. Raghava, Professor Deptt. ECE, Delhi Technological University, Delhi (Member)  
Dr. B.S. Saini, NIT, Jalandhar (Member)  
Er. Gurpreet Singh, EdGate Technologies Pvt. Ltd. #68, 15<sup>th</sup> Cross, 1<sup>st</sup> Block R.T. Nagar, Bangalore-560032 (Member)  
Dy. Director / Assistant Director CR&A, Department of CR&A, IKGPTU (Member)  
Mr. Danny Lin, Industry Expert (Special Invitee)  
Mr. Himanshu Mahajan, Industry Expert (Special Invitee)  
Er. Meenakshi Sansoy, Student  
Dr. Dalveer Kaur, Assistant Professor, Department of ECE Main Campus IKGPTU (Coordinator)

The following were not present :

Dr. Rajni, SBS STC, Ferozepur (Member)  
Dr. Amarpal Singh, BCET, Gurdaspur (Member)  
Dr. Jagjit Singh, DAVIET, Jalandhar (Member)

The Agenda of the meeting was to deliberate and finalize:

- 1) To accept and approve the study schemes of 3rd to 8th Semester B.Tech. Electronics and Communication Engineering (ECE) and B.Tech. Electronics and Instrumentation Engineering (EIE) that is already uploaded on University website for batch 2018 and onwards at par with AICTE Model Curriculum 2018.
- 2) To discuss and finalize the syllabus of the courses of 5th Semester of B.Tech ECE and B.Tech EIE.

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- 3) To distribute the courses of 6th Semester of B.Tech ECE and B.Tech EIE to design the syllabus for next BOS ECE.
- 3) To adopt the policy regarding MOOCs courses.
- 4) To finalise the on-line SWAYAM/MOOCs courses for the session July-November 2019 that a student may take to get Honors degree or Minor degree in Electronics and Communication Engineering and Electronics and Instrumentation Engineering.
- 4) To select 2 BOS Members to map the syllabus for migration cases.
- 5) Any other agenda with permission of the Chair.

The Proceedings of the meeting were recoded as under:

1. The Study schemes for B.Tech. Electronics and Communication Engineering (ECE) and B.Tech. Electronics and Instrumentation Engineering (EIE) from 3rd semester to 8th semester was considered for the batch 2018-2022, and following changes were made:
  - a) The subject of Computer Networks (Course code: BTCS-ZZZ-18) is swapped with the subject Digital Signal Processing (Course code: BTEC-502-18) and concurrently the course code is changed to BTEC-602-18.
  - b) The Professional Elective Courses are classified into five groups viz. Electronic Hardware, Communication, Software Development, ICT and Signal Processing.
  - c) The revised study scheme along with the list of Professional Elective Courses is attached at Annexure I.
  - d) The revised list of the Open Electives is attached at Annexure II.
2. The Board deliberated on the course contents of the subjects of 5<sup>th</sup> semester of B.Tech. Electronics & Communication Engineering (ECE) and B.Tech. Electronics & Instrumentation Engineering (EIE) along with the Course Objectives and Course Outcomes will be discussed and finalized in the next BOS meeting on 13/09/2019.
3. In view of the University notification no. IKGPTU/Reg/NF/2096 dated 24/05/2019 and MHRD guidelines in respect of SWAYAM/MOOCs for Honors/Minor Degree in ECE/EIE, it was decided that courses having duration of minimum 12 weeks with 4 credits be permitted. Also, one faculty coordinator up to 30 students is to be nominated by the HOD for registration, certification and coordination on rotation basis. The registration fee for the faculty coordinator(s) shall be borne by the Institute, if faculty is interested. The faculty coordinator will monitor the students' progress from time to time and maintain the record of the same.

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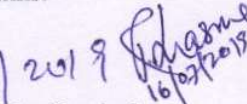


- The BOS discussed and approved the list of SWAYAM /MOOCs courses (for Semester July-Nov 2019) for Honors and Minor Degree in Electronics & Communication Engineering (Annexure III) and for Honors and Minor Degree in Electronics & Instrumentation Engineering (Annexure IV).
- Dr. Dalveer Kaur and Dr. Jagjit Singh Malhotra are nominated to map the syllabus for migration cases.

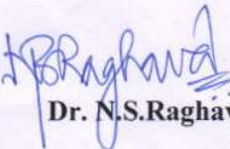
The BOS ECE meeting ended with a vote of thanks.

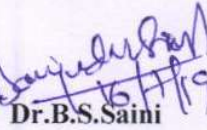
  
Dr. Manoj Kumar

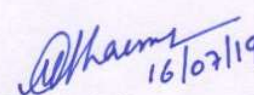
  
Dr. Avtar Singh  
Buttar

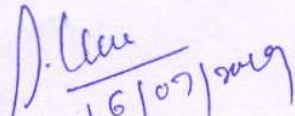
  
Dr. Ravinder  
Kumar Sharma

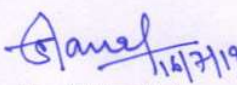
  
Dr. Vinay Bhatia

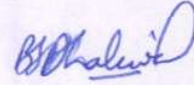
  
Dr. N.S. Raghava

  
Dr. B.S. Saini

  
Dr. Narinder  
Sharma

  
Dr. Suyeb Ahmed  
Khan

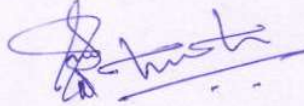
  
Dr. Tripatjot  
Singh Panag

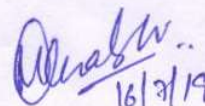
  
Dr. Balwinder  
Singh Dhaliwal


  
Er. Gurpreet Singh

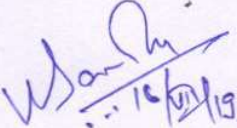
  
Dr. Baljeet Kaur

  
Mr. Danny Lin

  
Himanshu  
Mahajan

  
Meenakshi Sansoy  
(Student) (PhD)

  
Dr. Narinder  
Sharma

  
Er. Navdeepak  
Sandhu

  
Dr. Dalveer Kaur







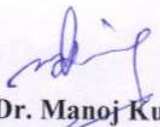



The Proceedings of the meeting were recorded as under:

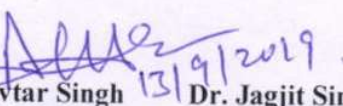
1. The Board discussed and finalized the course contents of the subjects of 5<sup>th</sup> semester of B.Tech. ECE (Electronics & Communication Engineering), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech. EIE (Electronics & Instrumentation Engineering) along with the Course Objectives and Course Outcomes.
2. The Board deliberated and finalized the subjects of Professional and Open Electives of B.Tech. Electronics & Communication Engineering (ECE), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech. Electronics & Instrumentation Engineering (EIE).
3. The Board finalized that the final course contents along with the Course Objectives and Course Outcomes of Professional Electives-ICT will be sent by Dr. Manoj Kumar, Dr. Jagjit Singh, Er. Gurpreet Singh by 18.09.2019.
4. The List of Experiments of DSP Lab and LIC Lab will be prepared and submitted by Er. Gurpreet Singh and Dr. Jagjit Singh, respectively by 18.09.2019.
5. The Preface/Acknowledgement will be prepared by Dr. Vinay Bhatia for the scheme and syllabus of B.Tech ECE and submitted before the next BOS ECE meeting on 01.11.2019 at 10:00am.


The BOS ECE meeting ended with a vote of thanks.


**Present Members of BOS**

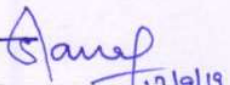
  
Dr. Manoj Kumar

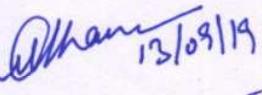
  
Dr. Avtar Singh Buttar

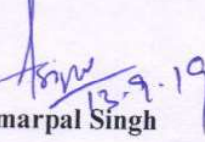
  
Dr. Jagjit Singh


  
Dr. Vinay Bhatia


  
Dr. Anshu Bhasin

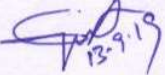
  
Dr. Tripatjot Singh Panag

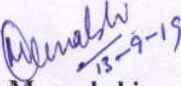
  
Dr. Narinder Sharma


  
Dr. Amarpal Singh


  
Dr. Baljeet Kaur

  
Dr. Rakesh Kumar

  
Er. Gurpreet Singh

  
Er. Meenakshi Sansoy

  
Dr. Dalveer Kaur

  
Er. Jyotsana





### Minutes of Meeting

Due to Covid-19 epidemic, it was directed by Hon'ble Vice Chancellor & Dean Academics, to convene the meetings of Board of Studies (BOS) of various Engineering disciplines of IKGPTU Kapurthala, regarding preparation of syllabus for upcoming batches through online mode. It is to bring to your kind notice that BOS Electronics and Communication Engineering (ECE) (Affiliated colleges) had already conducted its Board of Studies ECE on 13/09/2019 at Department of Academics, 2nd Floor, Conference Room, Front building, IKGPTU Kapurthala and had finalized the scheme and syllabi of 3rd to 5th Semesters of B.Tech Electronics and Communication Engineering (ECE), B.Tech Electronics and Telecommunication Engineering (ETE) and B.tech Electronics and Instrumentation Engineering (EIE). Now, this time only one subject from 7th Semester is adjusted to 5th Semester by taking the consent of BOS ECE members online, under the Chairmanship of Dr. Manoj Kumar, Principal DAVIET, Jalandhar.

On behalf of BOS ECE (Affiliated colleges) members, Board took the following decisions online:

1. The Study schemes for B.Tech. Electronics and Communication Engineering (ECE), B.Tech. Electronics and Telecommunication Engineering (ETE) and B.Tech. Electronics and Instrumentation Engineering (EIE) from 3rd semester to 5th semester was accepted and approved for the batch 2018-2022 as finalized by the BOS ECE on 13/09/2019.
2. The Board finalized the syllabus contents of 5th semester of B.Tech. Electronics & Communication Engineering (ECE) and B.Tech. Electronics & Instrumentation Engineering (EIE).
3. Moreover, it is also discussed that the syllabi of all M.Tech courses of Electronics and Communication Engineering are completed in full.

Submitted for the record of Department of Academics, IKGPTU Kapurthala.

**Dr. Manoj Kumar**  
Chairman BOS ECE (Affiliated colleges)  
(Principal DAVIET Jalandhar)

**Dr. Dalveer Kaur**  
BOS Coordinator ECE  
(AP ECE IKGPTU)





## Minutes of Meeting

On behalf of Department of Academics IKGPTU Kapurthala, an online meeting of the Board of Studies of Electronics & Communication Engineering (BOS ECE) (Affiliated Colleges), I.K. Gujral Punjab Technical University, Kapurthala was conducted under the Chairmanship of Dr. Avtar Singh Buttar, Associate Professor, Department of Electronics and Communication Engineering IKGPTU on 03 December 2020 at 11:00am.

The meeting started with the welcome address to the members of BOS (ECE) affiliated colleges by the Dr. Avtar Singh Buttar.

The following BOS Members were present:

- Dr. Avtar Singh Buttar, Chairman, Associate Professor, IKGPTU Main Campus, Kapurthala
- Dr. Ravindra Kumar Sharma, Professor, Ambedkar Instt. of Advance Communication Technologies & Research Geeta Colony, Delhi
- Dr. B.S. Saini, Professor, NIT Jalandhar
- Dr. N.S. Raghava, Professor, Department of ECE, Delhi Technological University, Delhi
- Dr. Rajni, Professor, SBSSTC Ferozpur
- Dr. Suyeb Ahmed Khan, Professor, BKSJEC, Amritsar
- Dr. Vinay Bhatia, Professor, CGC, Landran Mohali
- Dr. Jagjit Singh, Associate Professor, DAVIET, Jalandhar
- Dr. Narinder Sharma, Associate Professor, ACET, Amritsar
- Dr. Baljeet Kaur, Assistant Professor, GNDEC, Ludhiana
- Dr. Tripatjot Singh Panag, Assistant Professor, BBSBEC, Fatehgarh Sahib
- Er. Gurpreet Singh, Industry Expert, EdGate Technologies Pvt. Ltd., Bangalore
- Er. Navdeepak Sandhu, Deputy Director, Department of CR&A, IKGPTU.
- Dr. Dalveer Kaur, Assistant Professor, Deptt of ECE, IKGPTU Kapurthala (BOS Coordinator)

The following BOS Members could not attend the meeting:

- Dr. Manoj Kumar, Principal, DAVIET Jalandhar.
- Dr. Amarpal Singh, Associate Professor, BCET, Gurdaspur
- Dr. Balwinder Singh Dhaliwal, Assistant Professor, GNDEC Ludhiana

The Agenda of the meeting was to deliberate and finalize:

- 1) To discuss and finalize the 6<sup>th</sup> semester syllabus of B.Tech ECE (Electronics and Communication Engineering), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech EIE (Electronics and Instrumentation Engineering), with the inclusion of 6-months training in 7<sup>th</sup>/8<sup>th</sup> semester as per the University's notification.
- 2) To finalize the drafted scheme and syllabus of 1<sup>st</sup>/2<sup>nd</sup> sem of B.Voc. (Electronics & Information Technology) on the lines of AICTE.

The Proceedings of the meeting are as under:

1. The Board discussed and finalized the course contents of the subjects of 6<sup>th</sup> semester of B.Tech. ECE (Electronics & Communication Engineering), B.Tech ETE (Electronics

and Telecommunication Engineering) and B.Tech. EE (Electronics & Instrumentation Engineering) including the Professional Electives as well as Course Objectives and Course Outcomes.

2. The Board also discussed and finalized the course contents of the drafted scheme and syllabus of 1<sup>st</sup>/<sup>2</sup><sup>nd</sup> sem of B.Voc. (Electronics & Information Technology). The Board suggested to add the List of Industry Oriented courses at the end of the semesters.

The BOS ECE meeting ended with a vote of thanks.

*Dr. Avtar Singh Buttar*  
03/12/2020  
Dr. Avtar Singh Buttar  
Chairman BOS ECE  
Affiliated colleges

*Dr. Dalveer Kaur*  
03/12/2020  
Dr. Dalveer Kaur  
Coordinator BOS ECE  
Affiliated colleges



Note No. #1

## Attachment: BOS ECE Affiliated Colleges MOMs.pdf



Minutes of Meeting 18 May 2021  
Board of Studies - Electronics & Communication Engineering  
(Affiliated Colleges)  
I.K. Gujral Punjab Technical University, Kapurthala

Minutes of Meeting

On behalf of Department of Academics IKGPTU Kapurthala, an online meeting of the Board of Studies of Electronics & Communication Engineering (BOS ECE) (Affiliated Colleges), I.K. Gujral Punjab Technical University, Kapurthala was conducted under the Chairmanship of Dr. Manoj Kumar, Principal, DAVIET Jalandhar on 18/05/2021 at 10:30am.

The meeting started with the welcome address to the members of BOS (ECE) affiliated colleges by the Dr. Manoj Kumar.

The following BOS Members were present:

Dr. Manoj Kumar, Chairman, Principal, DAVIET Jalandhar  
Dr. Aytar Singh Buttar, Vice Chairman, HOD & Associate Professor, Department of ECE, IKGPTU Main Campus, Kapurthala  
Dr. Ravindra Kumar Sharma, Professor, NSUT, East Campus, Delhi  
Dr. B.S. Saini, Professor, NIT Jalandhar  
Dr. N.S. Raghava, Professor, Department of ECE, Delhi Technological University, Delhi  
Dr. Rajni, Professor, SBSSTC Ferozpur  
Dr. Sayeb Ahmed Khan, Professor, BKSJEC, Amritsar  
Dr. Vinay Bhatia, Professor, CGC, Landran Mohali  
Dr. Jagjit Singh, Associate Professor, DAVIET, Jalandhar  
Dr. Tripatjot Singh Panag, Associate Professor, BBSBEC, Fatehgarh Sahib  
Dr. Nariinder Sharma, Associate Professor, ACET, Amritsar  
Dr. Baljeet Kaur, Assistant Professor, GNDEC, Ludhiana  
Er. Gurpreet Singh, Industry Expert, EdGate Technologies Pvt. Ltd., Bangalore  
Er. Navdeepak Sandhu, Deputy Director, Department of CR&A, IKGPTU  
Dr. Dalveer Kaur, Assistant Professor, Dept of ECE, IKGPTU Kapurthala (BOS Coordinator)

The following BoS Members could not attend the meeting:

- Dr. Amarpal Singh, Associate Professor, BCET, Gurdaspur  
- Dr. Balwinder Singh Dhillwal, Assistant Professor, GNDEC Ludhiana  
- Dr. Sandeep Singh Gill, Professor & HOD(ECE), NITTTR, Chandigarh

The Agenda of the meeting was to deliberate and finalize.

1. 7<sup>th</sup>/8<sup>th</sup> semester scheme/syllabus of B.Tech ECE (Electronics and Communication Engineering), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech EIE (Electronics and Instrumentation Engineering), with the inclusion of 6-months semester training in 7<sup>th</sup>/8<sup>th</sup> semester as per the University's notification.
2. An equivalent scheme/syllabus of the subjects of B.Tech ECE (Electronics and Communication Engineering), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech EIE (Electronics and Instrumentation Engineering), without 6-months semester training in 7<sup>th</sup>/8<sup>th</sup> semester - if students (minimum 8 students) not opt for 6-months semester training in 7<sup>th</sup>/8<sup>th</sup> Semester.

Note No. #1

Attachment: BOS ECE Affiliated Colleges MOMs.pdf



Minutes of Meeting 18 May 2021  
Board of Studies - Electronics & Communication Engineering  
(Affiliated Colleges)  
I. K. Gujral Punjab Technical University, Kapurthala

3. Scheme and syllabus of 3rd/4th semesters of B.Voc. (Electronics & Information Technology) on the lines of AICTE.

The Proceedings of the meeting are as under:

1. The Board discussed and finalized the course contents of the subjects of 7<sup>th</sup>/<sup>8</sup><sup>th</sup> semesters of B.Tech. ECE (Electronics & Communication Engineering), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech. EIE (Electronics & Instrumentation Engineering) including the Professional Electives as well as Course Objectives and Course Outcomes.
2. The Board discussed and finalized that if the students (minimum 8 students) of any institute/college do not opt for one semester industrial training, then the students shall be required to study the following:
  - Four Professional Elective subjects (of 3 credits each) from any one of the five Professional Elective groups(excluding the group which he/she has opted earlier).
  - Simulation and Modelling Lab(of 4 credits - as mentioned in the concerned B.Tech. scheme) in which student will undertake Minor Project using this lab.
  - Student will complete 16 credits equivalent to that of one semester industrial training in the course of B.Tech ECE (Electronics and Communication Engineering), B.Tech ETE (Electronics and Telecommunication Engineering) and B.Tech EIE (Electronics and Instrumentation Engineering).
3. The Board also discussed and finalized the course contents of the scheme and syllabus of 3<sup>rd</sup>/<sup>4</sup><sup>th</sup> sem of B.Voc. (Electronics & Information Technology).

The BOS ECE meeting ended with a vote of thanks.

  
 18.5.2021  
 Dr. Manoj Kumar  
 Chairman BOS ECE  
 Affiliated colleges

  
 18/5/2021  
 Dr. Dalveer Kaur  
 Coordinator BOS ECE  
 Affiliated colleges