



# Sant Baba Bhag Singh UNIVERSITY

Reference No- SBBSU/UIET/ 43

Date-23/7/2021

Subject- Regarding BOS in UIET

Dear Sir

It is kindly requested to permit us for online BOS in UIET, in the upcoming week 26<sup>th</sup> July to 30th July, 2021.

Thanking You,

Yours Sincerely

Dean UIET

*[Signature]*  
23.7.21

To

The Worthy Vice Chancellor  
SBBSU, Jalandhar

*Allowed  
and two external  
experts (eminent) be  
called.*

*[Signature]*

23/7/21



# SANT BABA BHAG SINGH UNIVERSITY

Vill. Khiala, P.O. Padhiana, Distt. Jalandhar- 144030  
0181-2711163, Fax: 0181-2711555

[www.sbbsuniversity.ac.in](http://www.sbbsuniversity.ac.in)

Date- 4/8/21

Reference No- SBBSU/UIET/52

To

Prof. (Dr.) Gurpreet Singh Sidhu

LLRIET, Moga

Email- gsidhu74@gmail.com

Contact- 9464800097

**Subject:- Invitation for Board of Studies in University Institute of Engineering & Technology, on 5<sup>th</sup> August, 2021**

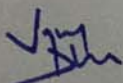
Respected Sir,

It is for your kind information that the meeting of Board of Studies (BOS) of UIET, SBBSU, Khiala, Jalandhar is scheduled on 5<sup>th</sup> August, 2021 and you have been nominated as an expert for the BOS from the competent authority.

I feel honour to invite you as an expert for the approval of course scheme and syllabus of B.Tech, M.Tech (Regular), Diploma and interdisciplinary courses running in the institute. Your experience and expertise will be of great help to the Institute and the University.

You are requested to kindly spare your valuable time to participate in the same on 5<sup>th</sup> August, 2021 (Thursday) at ~~11 am~~ 3 PM.

Warm Regards

  
Dean UIET



# SANT BABA BHAG SINGH UNIVERSITY

VIII, Khiala, P.O. Padhiana, Distt. Jalandhar- 144030  
0181-2711163, Fax: 0181-2711555

[www.sbbsuniversity.ac.in](http://www.sbbsuniversity.ac.in)

Reference No- SBBSU/VIET/50

Date- 3/8/2021

To

Prof. (Dr.) Hardeep Singh  
GNDU Amritsar  
Email- [hardeep.dcse@gndu.ac.in](mailto:hardeep.dcse@gndu.ac.in)  
Contact- 9872002958

**Subject:- Invitation for Board of Studies in University Institute of Engineering & Technology, on 5<sup>th</sup> August, 2021**

Respected Sir,

It is for your kind information that the meeting of Board of Studies (BOS) of UIET, SBBSU, Khiala, Jalandhar is scheduled on 5<sup>th</sup> August, 2021. And You have been nominated as an expert for the BOS from the competent authority.

I feel honour to invite you as an expert for the approval of course scheme and syllabus of B.Tech, M.Tech(Regular), Diploma and interdisciplinary courses running in the institute. Your experience and expertise will be of great help to the Institute and the University.

You are requested to kindly spare your valuable time to participate in the same on 5<sup>th</sup> August, 2021 (Thursday) at 3pm.

Warm Regards

Dean UIET





**SANT BABA BHAG SINGH  
UNIVERSITY**

U-1 Khiala, Dist. Ferozepur, Dist. Jalandhar-144030  
Phone-2671161 Fax-0181-2711555

[www.sbsuniversity.ac.in](http://www.sbsuniversity.ac.in)

Reference No. SBBSU/UiET/54

Date- 05/08/2021

To

Mr. Kusir Singh Marwaha  
M/s Unison Engineering Industries, Jalandhar  
Email- [ksunison@hotmail.com](mailto:ksunison@hotmail.com)  
Contact- 9814100078

**Subject:- Invitation for online Board of Studies in University Institute of Engineering & Technology,  
on 5<sup>th</sup> August, 2021**

Respected Sir,

It is for your kind information that the meeting of Board of Studies (BOS) of UiET, SBBSU, Khiala, Jalandhar is scheduled on 5<sup>th</sup> August, 2021. And You have been nominated as an Industry expert for the BOS from the competent authority.

I feel honour to invite you as an expert for the approval of course scheme and syllabus of B.Tech, M.Tech(Regular), and interdisciplinary courses running in the institute. Your experience and expertise will be of great help to the Institute and the University.

You are requested to kindly spare your valuable time to participate in the same on 5<sup>th</sup> August, 2021 (Thursday) at 3:00pm. Google meet link for presentation will be forwarded

Warm Regards

Dean UiET



# Sant Baba Bhag Singh UNIVERSITY

Village: Khiala: PO: Padhiana, Distt: Jalandhar 144030  
Website: www.sbbsuniversity.ac.in Phone: 0181-2711163 Fax: 0181-2711555

## UNIVERSITY INSITUTE OF ENGINEERING & TECHNOLOGY MEETING CIRCULAR

It is my pleasure to inform you that you have been appointed as a member of Board of Studies (BoS) for the University Institute of Engineering & Technology. List of the BoS members is given below:

S.No.	Name	Subject	Designation	Institute	Position	Signature
1.	Dr. Indu Sharma	Botany	Dean Academics	SBBSU	Chairperson	
2.	Dr. Vijay Dhir	Computer Science Engineering	Dean UIET and Director (R&D)	UIET	Member	
3.	Dr. Jagdeep Kaur	Computer Science Engineering	Associate Professor, Dy. Dean UIET and Coordinator CSE	UIET	Member	
4.	Dr. Harpreet Kaur	Computer Science Engineering	Associate Professor and Director IQAC	UIET	Member	
5.	Dr. Gurmanik Kaur	Electrical and Civil Engineering	Associate Professor and Coordinator EE & Civil	UIET	Member	
6.	Er. Amrinder Singh	Mechanical Engineering	Assistant Professor and Officiating Coordinator ME	UIET	Member	
7.	Dr. Harmeet Singh	Computer Science Engineering	Assistant Professor	UIET	Members Secretary	
8.	Dr. Hardeep Singh	Computer Science Engineering	Professor & Head	Guru Nanak Dev University, Amritsar	Expert (Academician)	online
9.	Dr. Gurpreet Singh Sidhu	Mechanical Engineering	Principal and Head	Lala Lajpat Rai Institute of Engineering & Technology, Moga	Expert (Academician)	online
10.	Mr. Kulbir Singh	Engineering	Director	Unison Engineering Industries	External Industry Expert	Not Present
12.	Mr. Sajeew Kumar Gabba	Engineering	Technical Director	National Informatics Center	External Industry Expert	online





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Village: Khiala: PO: Padhiana, Distt: Jalandhar 144030

Website: www.sbbsuniversity.ac.in Phone: 0181-2711163 Fax: 0181-2711555

Members from the other institutes of SBBSU are as follow:

S.No.	Designation	Position	Signature
1.	Dr. Aneet Kumar (Dean UIE) / His or Her representative	Member	
2.	Dr. Seema Garg (Dean UICM,UIL& UICA) /His or Her representative	Member	
3.	Dr. Vikas (Dean UISH) /His or Her representative	Member	
4.	Dr. Sandeep Randhawa (Director, T&P Department)	Member	

You are requested to attend the meeting in the Conference room of Block No. 5 of SBBSU on 5/8/2021(Thursday) at 3:00pm. The detailed agenda of the meeting will be as follow:

- 1 Discussion and approval of course scheme and syllabus of B.Tech, M.Tech and (Diploma courses in CSE) ME, Civil and EE
- 2 Discussion and approval of Interdisciplinary courses running in Engineering.
- 3 Incorporation and revision of Vision, Mission, PO, PEO, PSO and CO into the Engineering syllabus.
- 4 Discussion on Curriculum aspects on the basis of Feedback of Stakeholders.
- 5 Addition of Universal Human Values 2: Understanding Harmony in B.Tech as suggested in AICTE model, Volume 2
- 6 Addition of Biology, Basic Science course with 3 credits in the curriculum of B.Tech as suggested in AICTE model
- 7 Replacement of Industrial training with project in B.Tech scheme after 6<sup>th</sup> semester, for batches of 2018 onwards.
- 8 Code of Constitution of India, for UG and PG programmes taken from host department.
- 9 As per letter received from UGC, Reference No- D.O.No.1-18/2019(CPP-II), dated April, 2021, NCC, elective course syllabus added in Engineering
- 10 Approval of Minor degree programmes in CSE and ME as per AICTE 2020 model.
- 11 Approval to follow AICTE 2018 model as such with no changes
- 12 Amendments or any suggestions by the experts regarding scheme and syllabus.

Thank you in anticipation.

(Dr. Jagdeep kaur)  
Dy. Dean & Coordinator CSE  
UIET, SBBSU

Dr. Vijay Dhir  
Dean  
UIET, SBBSU

# Sant Baba Bhag Singh University

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

## External Expert Review Performa For Board of Studies

Name of External Expert : Dr. Hardeep Singh  
Discipline : Computer Science & Engineering  
Designation : Professor  
Organization (Name & Address) : Guru Nanak Dev University, Amritsar  
Contact No. : 9872002958  
E-Mail ID : hardeep.dese@gndu.ac.in  
Date of Visit/Meeting : 5<sup>th</sup> August, 2021

### Reviewer's Comments :-

I appreciate decision for introduction of Minor Degree in B.Tech Programme, as it will upgrade interdisciplinary skills of students

The CBCS scheme and syllabus of B.Tech (as per AICTE model 2018), M.Tech (as per AICTE model 2019), Diploma and Interdisciplinary courses in CSE, ME, EE and Civil Engineering is designed as per the needs of stakeholders.

It is suggested to add interdisciplinary course on drug abuse in the curriculum

There is no need to add Value Added Courses, as the same is not mentioned in AICTE model

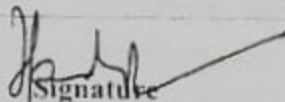
As per the recommendation of UGC, addendum 2018, Volume 2, Universal Human Values 2: Understanding Harmony in the category of Humanities & Social Sciences including Management courses has been incorporated in B.Tech Scheme.

To sensitize students on issues related to gender equity, a subject from the pool of Humanities - Gender, Culture & Development, has been added in B.Tech Scheme

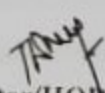
Apart from AICTE model, NCC course has also been introduced in B.Tech scheme

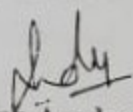
To enhance practical skills of students, projects has been added in the B.Tech scheme

❖ Use extra sheet(s) if required.

  
Signature

Date.....

  
Coordinator/HOD's/Dean's

  
Dean Academics



# **Sant Baba Bhag Singh University**

(University Established under Punjab Act No. 6 of 2015)

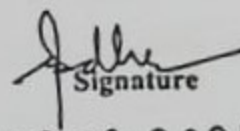
Vill. Khiala, P.O. Padkhiana, Dist. Jalundhar, Punjab, INDIA

Since Machine Drawing subject is important in understanding the drawings, so it is suggested to also include this subject besides incorporating AICTE scheme in B.Tech curriculum in 3<sup>rd</sup> or 4<sup>th</sup> semester.

As per AICTE scheme of Civil Engineering, a subject namely by the name 'Mechanical Engineering' can be offered as Interdisciplinary subject to their department, having same content of syllabus as per AICTE-2018.

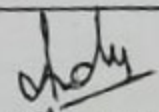
Following subjects can be offered by ME department to MBA Operations Specialization: Industrial Safety Engineering, Methods of Engineering & Ergonomics, Total Quality Control, Product Design and Development, Flexible Manufacturing System, Supply Chain Management, Statistics and Reliability Engineering, Production and Operations Management, Lean Manufacturing.

❖ Use extra sheet(s) if required.

  
Signature

Date...05..08..2021

  
Coordinator/HOD's/Dean's

  
Dean Academics





# **Sant Baba Bhag Singh University**

(University Established under Punjab Act No. 9 of 2013)  
VIII, Khilafat, P.O. Padhlana, Dist. Jalandhar, Punjab, INDIA

## **External Expert Review Performa For Board of Studies**

Name of External Expert : Dr. Gurpreet Singh  
Discipline : Mechanical Engineering  
Designation : Professor  
Organization (Name & Address): Lala Lajpat Rai Institute of Engineering and  
Technology  
Contact No. : 9464800097  
E-Mail ID : gsidhu74@gmail.com  
Date of Visit/Meeting : 5<sup>th</sup> August, 2021

### **Reviewer's Comments :-**

I appreciate decision for introduction of Minor Degree in B.Tech Programme, as it will upgrade interdisciplinary skills of students

The CBCS scheme and syllabus of B.Tech (as per AICTE model 2018), M.Tech (as per AICTE model 2019), Diploma and Interdisciplinary courses in CSE, ME, EE and Civil Engineering is designed as per the needs of stakeholders.

There is no need to add Value Added Courses, as the same is not mentioned in AICTE model

As per the recommendation of UGC, addendum 2018, Volume 2, Universal Human Values: Understanding Harmony in the category of Humanities & Social Sciences including Management courses has been incorporated in B.Tech Scheme

To sensitize students on issues related to gender equity, a subject from the pool of Humanities - Gender, Culture & Development, has been added in B.Tech Scheme

Apart from AICTE model, NCC course has also been introduced in B.Tech scheme.

In Mechanical Engineering department, the curriculum and syllabus of M.Tech specialization in Production Engineering is correct and can be followed for the students of next academic session.

To enhance practical skills of students, projects has been added in the B.Tech scheme. Moreover, as in New AICTE UG scheme adopted in the present session of ME contains merging of different Laboratory subjects into major three Practical subjects namely Mechanical Engineering Laboratory I – Thermal, Mechanical Engineering Laboratory II – Design, Mechanical Engineering Laboratory III – Manufacturing, the contact hours of each Lab can be increased from 3 to 4 hours which implies the increment in credits from 1.5 to 2.



# **Sant Baba Bhag Singh University**

(University Established under Punjab Act No.6 of 2015)

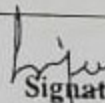
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

## **External Expert Review Performa For Board of Studies**

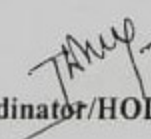
Name of External Expert : Mr. Sanjeev Kumar Gabba (DIO)  
Discipline : Computer Science & Engineering  
Designation : Scientist E  
Organization (Name & Address) : National Informatics Center  
Contact No. : 9464485037  
E-Mail ID : [sanjeev.gaba@nic.in](mailto:sanjeev.gaba@nic.in)  
Date of Visit/Meeting : 5<sup>th</sup> August, 2021

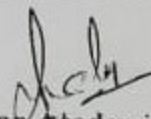
Reviewer's Comments :-
The syllabus designed with addition of elective courses in B.Tech and M.Tech, meets to the requirements of the industry.
Diploma and interdisciplinary courses are well designed.
Proposal to add minor degree in B.Tech programme, in future, is a good initiative taken by the departments.
Recruiters are looking for more than just someone who holds Degree so These integrated courses are designed to give students a professional edge and make them highly employable
Such industry-oriented integrated courses will equip Students with the knowledge and skills to become an entrepreneur and start their own business.
Many students finish their degree and then, in their spare time, they take up industry-oriented integrated courses. But these industry Oriented Courses will save their time and equip them with latest technology.
The Syllabus has international Appeal, if students wish to work internationally such industry oriented courses way to go.

❖ Use extra sheet(s) if required.

  
Signature

Date.....

  
Coordinator/HOD's/Dean's

  
Dean Academics



# **,SANT BABA BHAG SINGH UNIVERSITY**

## **University Institute of Engineering and Technology**

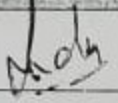

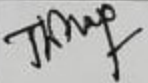


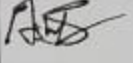

Ref. No: SBBSU/UIET/165

Dated:

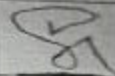
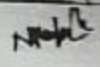
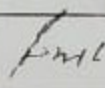
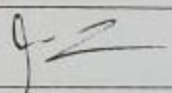
**Subject: Proceedings of the meeting of Board of Studies (BoS) of Departments of CSE, Civil, ME and Electrical Engineering, University Institute of Engineering and Technology**

The meeting of members of BoS was held on 5<sup>th</sup> August (date), 3:30pm (time), at Dean UIET office (place) through blended (Online/Offline) mode. Dr. Hardeep Singh, GNDU Amritsar and Dr. Gurpreet Siddhu, Lala Lajpat Rai Institute of Engg. & Tech., Moga were the external experts (academicians) present through Online mode. Mr. Sanjeev Kumar Gabba, Scientist E, National Informatics Center, was Industry Expert, present through Online mode.

The following members were present and approved the points discussed below.

S.No	Name	Subject	Designation	Institute	Position	Signature
1.	Dr. Indu Sharma	Science	Dean Academics	SBBSU	Chairperson	
2.	Dr. Vijay Dhir	Computer Science Engineering	Dean UIET and Director (R&D)	UIET	Member	
3.	Dr. Jagdeep Kaur	Computer Science Engineering	Associate Professor, Dy. Dean UIET and Coordinator CSE	UIET	Member	
4.	Dr. Harpreet Kaur	Computer Science Engineering	Associate Professor and Director IQAC	UIET	Member	
5.	Dr. Gurmanik Kaur	Electrical and Civil Engineering	Associate Professor and Coordinator EE & Civil	UIET	Member	
6.	Er. Amrinder Singh	Mechanical Engineering	Assistant Professor and Officiating Coordinator ME	UIET	Member	
7.	Dr. Harmeet Singh	Computer Science Engineering	Assistant Professor	UIET	Members Secretary	



23	Er. Varinder Singh	Civil Engineering	Assistant Professor	UIET	Internal Member	
24	Er. Neha Kapila	Electrical Engineering	Assistant Professor	UIET	Internal Member	
25	Er. Jagjit Singh	Electrical Engineering	Assistant Professor	UIET	Internal Member	
26	Er. Arshdeep singh	Electrical Engineering	Assistant Professor	UIET	Internal Member	

The following Agenda Items were discussed and approved in this BoS meeting:

1. Approval of course scheme and syllabus of B.Tech CSE, B.Tech CE, B.Tech EE, B.Tech ME and B.Tech (LEET) all branches having Programme Code UG018, UG017, UG019, UG021 as per the AICTE guidelines, for the admissions 2021 onwards.
2. Approval of course scheme and syllabus of M.Tech CSE, M.Tech ME, M.Tech Civil and M.Tech EE, having Programme Code PG015, PG021, PG013, PG018 as per the AICTE guidelines, for the admissions 2021 onwards.
3. Approval of course scheme and syllabus of Diploma in web designing and Diploma in PC Hardware and Networking, having Programme Code, Dip019 and Dip018 for the admissions 2021 onwards.
4. Approval of Interdisciplinary courses running in Computer Science and Engineering with new codes, for the admissions 2021 onwards.
5. Approval of revised Program Educational Objectives (PEOs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (CO) of all programs.
6. Approval of action taken for Curriculum aspects on the basis of Feedback of Stakeholders.
7. Approval to run minor degree courses in Engineering for the admissions 2021 onwards.
8. Addition of Universal Human Values 2: Understanding Harmony in B.Tech as suggested in AICTE model, Volume 2
9. Addition of Biology, Basic Science course with 3 credits in the curriculum of B.Tech as suggested in AICTE model
10. Replacement of Industrial training with project in B.Tech scheme after 6<sup>th</sup> semester, for batches of 2018 onwards.
11. Code of Constitution of India, for UG and PG programmes taken from host department.
12. As per letter received from UGC, Reference No- D.O.No.1-18/2019(CPP-II), dated April, 2021, NCC, elective course syllabus added in Engineering
13. Approval of Minor degree programmes in CSE and ME as per AICTE 2020 model.
14. Approval to follow AICTE 2018 model as such with no changes
15. Incorporation of the amendments or any suggestions by the experts regarding scheme and syllabus.

# SANT BABA BHAG SINGH UNIVERSITY

University Institute of Engineering and Technology

Ref. No: SBBSU/ME/45/2021

Dated: 13 Sept. 2021

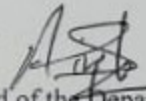
## Details of Proceedings of BoS Meeting (Mechanical Engineering)

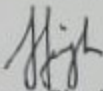
(Point-wise description and incorporated changes)

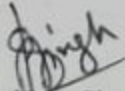
S.N o.	Program me Name/ Program me Code	Course Code	Course Name	Remarks by Experts	Action Taken
1.	B.TECH & B.TECH (LEET) UG002	ME331- PROJECT -I (5 <sup>th</sup> sem) ME326, Project-II (6 <sup>th</sup> sem) ME425, Project-III (7 <sup>th</sup> sem) ME432, Project-IV (8 <sup>th</sup> sem)	Project-I Project-II Project-III Project-IV	To enhance practical skills of students, projects has been added in the B.Tech scheme	Project-I, Project-II, Project-III and Project-IV has been added
2.	B.Tech ME (UG021)	ME001	Mechanical Engineering	As per AICTE scheme of Civil Engineering, a subject namely by the name 'Mechanical Engineering' can be offered as Interdisciplinary subject to their department, having same content of syllabus as per AICTE-2018.	An Interdisciplinary subject named a Mechanical Engineering (ME001) is provided to Civ Engineering i the 3 <sup>rd</sup> semeste as per the

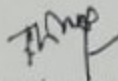
					AICTE requirement
3.	B.Tech. ME (UG021)	ME225	Machine Drawing	Since Machine Drawing subject is important in understanding the drawings, so it is suggested to include this subject along with incorporating AICTE scheme in B.Tech curriculum	Machine Drawing subject with subject code: ME225 is incorporated in the 3 <sup>rd</sup> semester in B.Tech curriculum
4.	B.Tech ME (UG021)	ME329, ME324, ME423	Mechanical Engineering Laboratory I – Thermal  Mechanical Engineering Laboratory II – Design  Mechanical Engineering Laboratory II – Manufacturing	As in New AICTE UG scheme adopted in the present session of ME contains merging of different Laboratory subjects into major three Practical subjects namely Mechanical Engineering Laboratory I – Thermal (ME329), Mechanical Engineering Laboratory II – Design, Mechanical Engineering Laboratory III – Manufacturing, the contact hours of each Lab can be increased from 3 to 4 hours which implies the increment in credits from 1.5 to 2.	The necessary changes are incorporated as per the suggestion of expert

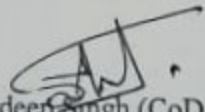
Thank you in anticipation

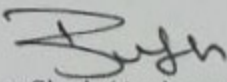
  
Head of the Department, ME

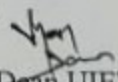
  
Jagteshwar Singh (Assistant Professor, ME)

  
Kuldeep Singh (Assistant Professor, ME)

  
Dy. Dean UIET

  
Amardeep Singh (CoD & Assistant Professor, ME)

  
Navdeep Singh (Assistant Professor, ME)

  
Dean UIET