



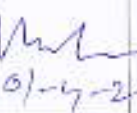
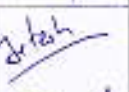









UNIVERSITY INSITUTE OF ENGINEERING & TECHNOLOGY
MEETING CIRCULAR

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. Aneet Kumar | Education | Dean Academics | SBBSU | Chairman |  |
| 2. | Dr. Vijay Dhir | Computer Science-Engineering | Dean UIET and Director (IQAC) | UIET | Member |  |
| 3. | Dr. Jagdeep Kaur | Computer Science Engineering | Associate Professor, Dy. Dean UIET and Head CSE | UIET | Member |  |
| 4. | Dr. Harmeet Singh | Computer Science Engineering | Associate Professor and Coordinator CSE | UIET | Members Secretary |  |
| 5. | Dr. Vikram Singh | Computer Science Engineering | Professor & Head | Chaudhary Devi Lal University, Sirsa | Expert (Academician) |  01-11-22 |
| 6. | Jetesh Sharma | Engineering | Founder & Managing Director | CodeApp Technologies, Mohali | External Industry Expert |  |
| 7. | Er. Kanwarpreet Singh | Engineering | Head of Sales | CodeApp Technologies, Mohali | External Industry Expert |  |
| 8. | Samneet Kaur | Computer Application | CEO | CodeApp Technologies, Mohali | External Industry Expert |  |
| 9. | Ramanpreet Kaur | Computer Science Engineering | Assistant Professor | UIET | Alumni |  |

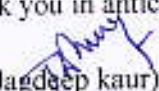
Members from the other institutes of SBBSU are as follow:


| S.No. | Designation | Position | Signature |
|-------|---|----------|---|
| 1. | Dr. Ramandeep Kaur Chahal (Dean UICM) / His or Her representative | Member |  |
| 2. | Dr. Seema Garg (Dean UIL & UICA) /His or Her representative | Member |  |
| 3. | Dr. Vikas (Dean UIS) /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 1st April, 2022 (Friday) at 2:00pm. The detailed agenda of the meeting will be as follow:

- 1 Discussion and approval of course scheme and syllabus of PhD CSE as per UGC guidelines
- 2 Discussion and approval of changes in course scheme and syllabus of B.Tech CSE 2019, 2020 and 2021 batch as per request of stakeholders.
- 3 Discussion and approval for allowing students of 2018 batch, 8th semester (all engineering branches) to study theory subjects in first three months (academic session starts from 31st January, 2022) and for the rest of the duration visit industry to complete their Projects, while maintaining relevant contact hours and credits required as per 2018 batch scheme.
- 4 Amendments or any suggestions by the experts regarding scheme and syllabus.

Thank you in anticipation.


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


Dr. Vijay Dhir
Dean
UIET, SBBSU

SANT BABA BHAG SINGH UNIVERSITY

UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY





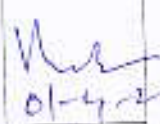
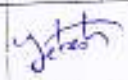



Ref. No: SBBSU/CE/205

Dated: 8/4/22

Subject: Proceeding of the meeting of Board of Studies (BoS) of Department of CSE, University Institute of Engineering & Technology

The meeting of members of BoS was held on 1st April 2022 2 pm (time), at SBBSU, Tal. (place) through offline mode. Professor Dr. Vikram Singh, Chaudhary Devi Lal University, Sirsa, Jetesh Sharma, Er. Kanwarpreet Singh and Samneet Kaur, CodeApp Technologies, Mohali, present in offline mode.

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

| S.No. | Name | Subject | Designation | Institute | Position | Signature |
|-------|-----------------------|------------------------------|---|--------------------------------------|--------------------------|--|
| 1. | Dr. Aneet Kumar | Education | Dean Academics | SBBSU | Chairman |  |
| 2. | Dr. Vijay Dhir | Computer Science Engineering | Dean UIET and Director (IQAC) | UIET | Member |  |
| 3. | Dr. Jagdeep Kaur | Computer Science Engineering | Associate Professor, Dy. Dean UIET and Head CSE | UIET | Member |  |
| 4. | Dr. Harmeet Singh | Computer Science Engineering | Associate Professor and Coordinator CSE | UIET | Members Secretary |  |
| 5. | Dr. Vikram Singh | Computer Science Engineering | Professor & Head | Chaudhary Devi Lal University, Sirsa | Expert (Academician) |  01-4-22 |
| 6. | Jetesh Sharma | Engineering | Founder & Managing Director | CodeApp Technologies, Mohali | External Industry Expert |  |
| 7. | Er. Kanwarpreet Singh | Engineering | Head of Sales | CodeApp Technologies, Mohali | External Industry Expert |  |
| 8. | Samneet Kaur | Computer Application | CEO | CodeApp Technologies, Mohali | External Industry Expert |  |
| 9. | Ramanpreet Kaur | Computer Science Engineering | Assistant Professor | UIET | Alumni |  |

Following Agenda Items were discussed and approved in this BoS meeting:

1. Approval of course scheme and syllabus of PhD CSE , Programme Code PhD009 as per UGC guidelines
2. Incorporation of two Departmental Elective subjects in the scheme of PhD CSE, Programme Code PhD009
 - a. Cloud computing using Big Data, CSE905
 - b. Artificial Intelligence and Machine Learning, CSE903
3. Approval of changes in course scheme and syllabus of Programme Code UG018, B.Tech CSE batches 2019, 2020 and 2021 as per the AICTE and UGC guidelines.
4. Updation of contact hours and credits of Professional core subjects- Computer Organization and Architecture, Data structure & Algorithms from credits 3 to credits 4
5. Introduction of Internet Web Programming Laboratory of Credits=4, for schemes of 2020 and 2021
6. Addition of professional electives in schemes of B.Tech 2019, 2020 and 2021. Digital Image Processing, Artificial Intelligence, Data Mining in Business Intelligence, Advanced Communication Network, Neural Network, Image and Speech Recognition System, introduction to NLP.
7. Approval for allowing students of 2018 batch, 8th semester (academic session Jan 2022 to July 2022) (all Engineering branches), to study theory subjects in first three months and for the rest of the duration visit industry to complete their projects, while maintaining relevant contact hours and credits required as per B.Tech 2018 CBCS
8. Incorporation of the amendments or any suggestions by the experts regarding scheme and syllabus.

Details of Proceedings of BoS Meeting

(Point-wise description and incorporated changes)

| S.No. | Programme Name/ Programme Code | Course Code | Course Name | Remarks by Experts | Action Taken |
|-------|-----------------------------------|-------------|--|---|--|
| 1. | PhD CSE / PhD009 | CSE905 | Cloud computing using Big Data | INDUSTRY DEMAND | INTRODUCED |
| 2. | PhD CSE / PhD009 | CSE903 | Artificial Intelligence and Machine Learning | INDUSTRY DEMAND | INTRODUCED |
| 3 | B.Tech CSE / UG018 | CSE 251 | Computer Organization and Architecture | CORE SUBJECT | Contact hours and credits changed from 3 to 4 |
| 4 | B.Tech CSE / UG018 | CSE253 | Data structure & Algorithms | CORE SUBJECT | Contact hours and credits changed from 3 to 4 |
| 5 | B.Tech CSE / UG018 | CSE363 | Theory of Automata & Computation | More options can be given in Professional Elective Pool | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added |
| 6 | B.Tech CSE / UG018 | CSE371 | Artificial Intelligence | More options can be given in Professional Elective Pool | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added |
| 7 | B.Tech CSE / UG018 | CSE378 | Internet web Programming Lab | Students suggested to introduce IWP lab, earlier IWP theory was present | Semester 6, IWP lab of 4 credits was introduced |
| 8 | B.Tech CSE / UG018 | CSE362 | Compiler Construction | More options can be given in Professional Elective Pool | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added |
| 9 | B.Tech CSE / UG018 | CSE366 | Digital Image Processing | More options can be given in Professional Elective Pool-II | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-II, 6 th semester |
| 10 | B.Tech CSE | CSE376 | Advanced | More options can | Professional Elective |



| | | | | | |
|----|-------------------|--------|---|--|--|
| | /UG018 | | Database Management System | be given in Professional Elective Pool-III | pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-III, 6 th semester |
| 11 | B.Tech CSE /UG018 | CSE457 | Advanced Communication Network | More options can be given in Professional Elective Pool-IV | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-IV, 7 th semester |
| 12 | B.Tech CSE /UG018 | CSE469 | Neural Network | More options can be given in Professional Elective Pool-V | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-V, 7 th semester |
| 13 | B.Tech CSE /UG018 | CSE460 | Data Mining in Business Intelligence | More options can be given in Professional Elective Pool-VI | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-VI, 8 th semester |
| 14 | B.Tech CSE /UG018 | CSE462 | Image and Speech Recognition | More options can be given in Professional Elective Pool-VI | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-VI, 8 th semester |
| 15 | B.Tech CSE /UG018 | CSE464 | Introduction to Natural Language Processing | More options can be given in Professional Elective Pool-VI | Professional Elective pool increased from 3 options to 5 options. New subject with Contact hours=3 added. Professional Elective-VI, 8 th semester |


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Other Suggestion of External Experts (Not covered above):

| S.No. | Name | Designation/Address | Expert's Suggestion | Action Taken |
|-------|-----------------------|---|--|--------------|
| 1. | Dr. Vikram Singh | Professor & Head, Chaudhary Devi Lal University, Sirsa | SYLLABUS IS AS PER LATEST INDUSTRY NEEDS | |
| 2. | Jetesh Sharma | Founder & Managing Director, CodeApp Technologies, Mohali | SYLLABUS AS PER LATEST TRENDS | |
| 3. | Er. Kanwarpreet Singh | Head of Sales, CodeApp Technologies, Mohali | FULFILL INDUSTRY NEEDS | |
| 4. | Samneet Kaur | CEO, CodeApp Technologies, Mohali | ALL GOOD RELEVANT IN CURRENT SCENARIO | |

Meeting ended with the thanks by Dean Academics








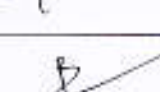
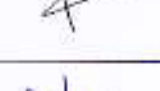
Thank you in anticipation


In-Charge/Coordinator/ Head of the Department


Dean of Institute

Curriculum Development Committee of CSE Department and UIET, gave following

2021-

| | Name | Subject | Designation | Institute | Position | Signature |
|----|---------------------|------------------------------|--|-----------|-------------------|---|
| | Dr. Vijay Dhir | Computer Science Engineering | Dean UIET and Director (R&D) | UIET | Chairman |  |
| 2. | Dr. Jagdeep Kaur | Computer Science Engineering | Associate Professor, Dy. Dean UIET and HOD CSE | UIET | Member |  |
| 3. | Dr. Amrinder Singh | Mechanical Engineering | Assistant Professor, HOD ME | UIET | Member |  |
| 4. | Dr. Gurmanik kaur | Electrical Engineering | Associate Professor, HOD EE | UIET | Member |  |
| 5. | Dr. Sandeep Chandel | Civil Engineering | Assistant Professor, COD CE | UIET | Member |  |
| 6. | Dr. Harmeet Singh | Computer Science Engineering | Associate Professor, COD CSE | UIET | Members Secretary |  |
| 7. | Er. Gurjit kaur | Computer Science Engineering | Assistant Professor | UIET | Members Secretary |  |
| 8. | Er. Ramanpreet Kaur | Computer Science Engineering | Assistant Professor | UIET | Members Secretary |  |
| 9. | Er. Nidhi Arora | Computer Science Engineering | Assistant Professor | UIET | Members Secretary |  |

Subject: Proceedings of Meeting held on 14th Jan, 2021, Curriculum Development Committee of CSE dept., University Institute of Engineering and Technology.

The following Agenda was discussed and recommended for approval in Board of Studies (BOS) as follows.

1. Approval of course scheme and syllabus of PhD CSE , Programme Code PhD009 as per UGC guidelines
2. Incorporation of two Departmental Elective subjects in the scheme of PhD CSE, Programme Code PhD009
 - a. Cloud computing using Big Data, CSE905
 - b. Artificial Intelligence and Machine Learning, CSE903
3. Approval of changes in course scheme and syllabus of Programme Code UG018, B.Tech CSE batches 2019, 2020 and 2021 as per the AICTE and UGC guidelines.
4. Updation of contact hours and credits of Professional core subjects- Computer Organization and Architecture, Data structure & Algorithms from credits 3 to credits 4

Introduction of Internet Web Programming Laboratory of Credits=4, for schemes of 2020 and 2021

6. Addition of professional electives in schemes of B.Tech 2019, 2020 and 2021. Digital Image Processing, Artificial Intelligence, Data Mining in Business Intelligence, Advanced Communication Network, Neural Network, Image and Speech Recognition System, introduction to NLP.
7. Approval for allowing students of 2018 batch, 8th semester (academic session Jan 2022 to July 2022) (all Engineering branches), to study theory subjects in first three months and for the rest of the duration visit industry to complete their projects, while maintaining relevant contact hours and credits required as per B.Tech 2018 CBCS
8. Incorporation of the amendments or any suggestions by the experts regarding scheme and syllabus.

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 : VIKRAM SINGH
Discipline : CSE
Designation : Professor and Dean Engg. & Techn.
Organization (Name & Address) : CDLU Gurgaon
Contact No. : 9896003162
E-Mail ID : VIKRAMSINGH@CDLU.AC.IN.
Date of Visit/Meeting : 01-04-2022


Reviewer's Comments :-

1. Course scheme and syllabus of PhD CSE PHD009 as per UGC guidelines with incorporation of the elective subjects - Cloud Computing using Big Data (CSE905) and Artificial Intelligence and Machine Learning (CSE903) from 2022-2023 onwards, is recommended.
2. Students of 2018 batch 8th semester (all Engineering branches) may be allowed to study Theory subjects in first three months (31st Jan, 2022 onwards) and for the rest of the duration visit industry to complete their projects, while maintaining relevant contact hours and credits required as per B.Tech 2018 CBCS.

❖ Use extra sheet(s) if required.


Signature

Date.....01-04-2022


Coordinator/HOD's/Dean's Dean Academics

Sant Baba Bhag Singh University

(University Established under Punjab Act No.6 of 2017)
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : VIKRAM SINGH
Discipline : CSE
Designation : Professor and Dean
Organization (Name & Address) : CDLU Gurgaon
Contact No. : 9896003162
E-Mail ID : VIKRAMSINGH@CDLU.AC.IN
Date of Visit/Meeting : 01-4-2022


Reviewer's Comments :-

- ① Updation of contact hours and credits of Professional core subjects Computer Organization and Architecture Gate Structure and algorithms from credits 3 to credits 4 is recommended.
- ② Internet with Programming laboratory of Credits 4 is needed for better understanding of subject and is highly recommended. (2020, 2021 onwards)
- ③ Good initiative has been taken by the department by adding more professional electives in schemes of B.Tech 2019, 2020 and 2021 schemes. Digital Image processing, Artificial Intelligence, Data Mining in Business Intelligence, Advanced Communication Networks, Neural Network, Image and Speech Recognition, Introduction to NLP.

❖ Use extra sheet(s) if required.

Signature

Date..... 01-04-2022


Coordinator/HOD's/Dean's Dean Academics



Sant Baba Bhag Singh University

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


External Expert Review Performa For Board of Studies

Name of External Expert : En. Kanna Prast Singh
Discipline : Engineering
Designation : Head of Dept
Organization (Name & Address) : CodeApp Technologies, Mohali
Contact No. :
E-Mail ID :
Date of Visit/Meeting :

Reviewer's Comments :-

- (1) Schemes and syllabus of B.Tech CSE (UGOIR) is as per AICTE and UGC guidelines, changes incorporated in 2019-2020 and 2021 is the need of industry.
- (2) PhD CSE (PhD 099) syllabus with addition of departmental electives - Cloud Computing using Big Data (CSE 905) and Artificial Intelligence and Machine Learning (CSE 903) is good initiative.
- (3) 3 Months industrial training to carry out Major project for 2018-2019 (All Eng. students) is good initiative.

❖ Use extra sheet(s) if required.


Signature
Date..... 11/04/22.....


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. Padhiana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : Sannest Kaur
Discipline : Computer Application
Designation : CEO
Organization (Name & Address) : CodeApp Technologies Mohali
Contact No. :
E-Mail ID :
Date of Visit/Meeting :

Reviewer's Comments :-

- ① 3 months training in industry for BSc & B.Tech Engineering students (all branches) is recommended
② Syllabus of B.Tech CSE, M.Tech I & and PhD CSE is as per industry norms

❖ Use extra sheet(s) if required.


Signature

Date..... 1/04/24.....


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. Padhiana, Dist. Jalandhar, Punjab, INDIA.

External Expert Review Performa For Board of Studies

Name of External Expert : Jitesh Sharma
Discipline : Engineering
Designation : Founder & Managing Director
Organization (Name & Address) : CodeApp Technologies, Mohali
Contact No. :
E-Mail ID :
Date of Visit/Meeting :

Reviewer's Comments :-

- ① Syllabus and Scheme of B.Tech CSE UGDF with necessary changes incorporated, 2019, 2020 and 2021 batch onwards is as per the needs of market and will help students to get ready for employability in industry.
- ② Syllabus and Scheme of M.Tech CSE is as per needs of Industry.
- ③ PhD CSE scheme is as per UGC guidelines.
- ④ 3 months training in industry for 2019 batch B.Tech students (all branches) is a good decision.

❖ Use extra sheet(s) if required.

Jitesh Sharma,
Signature

Date.....1/04/22.....


Coordinator/HOD's/Dean's


Dean Academics