

1.1.3 & 1.2.1

Supporting Documents

I.K.G PTU MOHALI CAMPUS - I

**MOMs Highlighting Employability
Courses_1.1.3**

&

**Approved MOMs of BOS/ Academic
Council Highlighting the Name of New
Courses Introduced_1.2.1**



IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meeting

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 9th November, 2017 at 11.30 AM in Seminar Hall, 2nd floor, Department of Academics, IKGPTU, Kapurthala.

The agenda of the meeting was to discuss and finalize:

- Syllabi for M.Tech (Computer Science and Engineering) 2018 Batch, IKGPTU
- **Scheme for B.Tech (Computer Science and Engineering) 2018 Batch, IKGPTU**
- Revise syllabus of Fundamentals of Computer Programming and Information Technology (FCPIT), for B.Tech (Computer Science and Engineering) 2018 Batch, IKGPTU
- Any other matter with the permission of chair

Following Members were Present at the meeting:

Dr. Monika Sachdeva, IKGPTU Main Campus, *Chairman (Ex-officio)*
 Dr. Harsh Verma, Professor, NIT, Jalandhar, *outside Expert*
 Dr. Krishan Saluja, Professor, Panjab University, Chandigarh, *outside Expert*
 Dr. Parminder Singh, Professor, GNDEC, Ludhiana
 Dr. Akshay Girdhar, Professor, GNDEC, Ludhiana
 Dr. R.C. Gangwar, Associate Professor, BCET, Gurdaspur
 Dr. Dinesh Kumar, Associate Professor, DAVIET, Jalandhar
 Dr. Anshu Bhasin, IKGPTU Main Campus, *Member*
 Dr. Sumesh Sood, IKGPTU Dinanagar campus, *Member*
 Dr. Raman, IKGPTU Dinanagar Campus, *Member*

Following members could not attend the meeting:

Dr. Surjit Singh, Retd. Professor, GNDU, Amritsar (Ex-Chairman)
 Dr. S.K. Gupta, Associate Professor, BCET, Gurdaspur
 Dr. Baljit Singh, Professor, BBSEC, Fatehgarh Sahib
 Dr. Rajesh Bhatia, Panjab Technology University, Chandigarh, *outside Expert*
 Mr. Navdeepak Sandhu, Training and Placements, IKGPTU, Kapurthala

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The board took the agenda and following decisions were taken.

1. The committee elaborated the proposed syllabi of 1st and 2nd semesters of M. Tech (Computer Science and Engineering) 2018 Batch. As per the suggestions of committee members the syllabi of courses will be modified.
2. AICTE is in the process to release new scheme for B. Tech (Computer Science and Engineering) for 2018 batch in the near future so, the committee has recommended that scheme of B. Tech. will be finalized after that.
3. The committee discussed the syllabus of FCPIT, B. Tech. 1st year and finalized its contents and changed the name of course as Fundamentals of Computer Programming as per the suggestions of members.

The meeting ended with a vote of thanks.

List of members for signature

Dr. Harsh Verma
(Outside expert)

Dr. Krishan Saluja
(Outside expert)

Dr. Parminder Singh
(Professor)

Dr. Akshay Girdhar
(Professor)

Dr. R.C. Gangwar
(Associate Professor)

Dr. Dinesh Kumar
(Associate Professor)

Dr. Anshu Bhasin
(Assistant Professor)

Dr. Sumesh Sood
(Assistant Professor)

Dr. Raman Kumar
(Assistant Professor)

Dr. Monika Sachdeva
(Chairman)

(Dean Academic)

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Out Come of each subject
must be taken of from respective
BOS.

Dr. A. M.

Sampan
Chairperson BOS/HOD CSE

Dr. Anshu Bhasin
BOS-coordinator
for needful
21/11/17

IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 27th April, 2018 at 11.00 a.m. in Seminar Hall, 2nd floor, Dept. of Academics, IKGPTU, Kapurthala.

The agenda of the meeting was to discuss and finalize:

1. To discuss adoption of scheme and syllabi, as proposed by AICTE for M.Tech (Computer Science and Engineering) 2018 batch, IKGPTU
2. To discuss adoption of scheme and syllabi, as proposed by AICTE for B.Tech (Computer Science and Engineering) 2018 batch, IKGPTU
3. To discuss adoption of scheme and syllabi, for M.Tech (Information Technology) 2018 batch, IKGPTU
4. To finalize POS and COS for B.Tech, 2016
5. To finalize POS and COS for M.Tech, 2016
6. To finalize Vision and Mission of the department (under the special permission of Chairperson, due to urgency of the matter)

Following Members were Present at the meeting:

- Dr. Monika Sachdeva, IKGPTU Main Campus, Chairman (Ex-officio)
Dr. Akshay Girdhar, Professor, GNDEC, Ludhiana
Dr. Baljit Singh, Professor, BBSEC, Fatehgarh Sahib
Dr. Rajesh Bhatia, Panjab Technology University, Chandigarh, outside Expert
Dr. Krishan Saluja Panjab University, Chandigarh, outside Expert
Dr. S.K. Gupta Associate Professor, BCET, Gurdaspur
Dr. Dinesh, Associate Professor, DAVIET, Jalandhar
Dr. Anshu Bhasin, IKGPTU Main Campus, Member
Dr. Sumesh Sood, IKGPTU Dinanagar campus, Member
Dr. Raman, IKGPTU Dinanagar Campus, Member
Dr. Harsh Verma, NIT, Jalandhar, outside Expert

Following members could not attend the meeting:

- Dr. R.C. Gangwar, Associate Professor, BCET, Gurdaspur

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Director
I.K.Gujral-Punjab Technical University
Mohali Campus-1

35/114

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Mr. Navdeepak Sandhu, Training and Placements, IKGPTU, Kapurthala

Dr. Surjit Singh, Retd. Professor, GNDU, Amritsar, Ex- chairperson

Dr. Parminder Singh, Professor, GNDEC, Ludhiana

The Board took the agenda and following decisions were taken

- The members agreed on the adoption of scheme and syllabi presented for M.tech (Comp.Sc. and Engg.) 2018 onwards, based on the model proposed by AICTE. The evaluation criteria was finalised along with course codes. The board also deliberated on the list of experiments, which were not included in the AICTE proposal, for the laboratories and finalised the same. The Scheme, syllabi and list of experiments is submitted along.
- The members agreed on the adoption of scheme and syllabi presented for B.tech (Comp.Sc. and Engg.) 2018 onwards, based on the model proposed by AICTE. The evaluation criteria was finalized along with course codes. The board also deliberated on the inclusion of 6-8 week industrial training after the sixth semester and included the same in the scheme. The complete Scheme and Syllabus of semester I – Programming for problem solving (Theory+ lab.) is submitted along. Due to shortage of time detailed syllabi of B.Tech, 3rd & 8th semester could not be taken up.
- It was also further agreed that the scheme and syllabi of B.Tech- IT , 1st year will remain same as B.Tech-CSE, 1st year 2018.
- The members agreed on the proposed scheme and syllabi presented for M.Tech (Information Technology) 2018 onwards, based on the model proposed by AICTE. The evaluation criteria was finalised along with course codes. The board also deliberated on Elective subjects and the list of experiments for the laboratories of semester I and II and finalised the same. The Scheme, syllabi and list of experiments is submitted along.
- The members discussed the Vision , Mission and Program Specific Outcomes for the department and documented the same. Copy of which is submitted along.
- The members discussed the Program Outcomes (POs) and Course Outcomes (COs) for M.tech- 2016 and B.Tech-2016 and documented the same. Copy of which is submitted along.

The meeting ended with a vote of thanks.

List of members for signature:

Dr. Akshay Girdhar

Dr. Baljit Singh

Dr. Rajesh Bhatia

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IKGPTU/CSE/19/343
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IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 1st March, 2019 at 10.30a.m. in Seminar Hall, 2nd floor, Dept. of Academics, IKGPTU, Kapurthala.

The agenda of the meeting was to discuss and finalize:

1. Syllabi of B.Tech (CSE), 3rd and 4th sem for 2018 batch onwards.
2. POs and PSOs for the Dept. of CSE
3. Decide the list of courses for Minor degree in Computer Science Engg.

Following Members were present at the meeting:

Dr. Monika Sachdeva, IKGPTU Main Campus, Chairman (Ex-officio)
Dr. Krishan Saluja Panjab University, Chandigarh, outside Expert
Dr. Baljit Singh, Professor, BBSEC, Fatehgarh Sahib
Dr. Harsh Verma, NIT, Jalandhar, outside Expert
Dr. R.C. Gangwar, Associate Professor, BCET, Gurdaspur
Dr. S.K. Gupta, Associate Professor, BCET, Gurdaspur
Dr. Anshu Bhasin, IKGPTU Main Campus, Member
Dr. Sumesh Sood, IKGPTU Dinanagar campus, Member
Dr. Raman, IKGPTU Dinanagar Campus, Member
Dr. Ashish Arora, IKGPTU Main Campus, Special Invite
Sh. Devinder Kumar, Special Invite (parents)
Sh. Balvir Singh, Special invite (parents)
Mr. Rajat Khurana, Special Invite (Student)
Sr. Sikander Singh, Special Invite (Student)

Following members could not attend the meeting:

Dr. Rajesh Bhatia, Panjab Technology University, Chandigarh, outside Expert
Dr. Akshay Girdhar, Professor, GNDEC, Ludhiana
Dr. Parminder Singh, Professor, GNDEC, Ludhiana
Mr. Navdeepak Sandhu, Training and Placements, IKGPTU, Kapurthala
Dr. Surjit Singh, Retd. Professor, GNDU, Amritsar, Ex- chairperson
Dr. Dinesh Kumar, Associate Professor, DAVIET

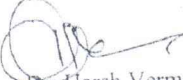
Dr. Avtar Singh Bhutar, IKGPTU main Campus, Special Invite

The Board took the agenda and following decisions were taken:

- The members deliberated on the syllabi proposed by AICTE on the 3rd and 4th semesters of B.tech-CSE 2018 onwards. The syllabi for the same is submitted along. The members recommended 5 **percentage** of variation from the proposed AICTE syllabi.
- The Laboratory list for each of the related courses were discussed and final list is submitted along with COs.
- It was decided that the students will study subjects under Humanities and Management. The detailed syllabi of which will be provided by the concerned committee constituted by the Director, Academics of IKGPTU.
- It was decided that the Dept. of Mathematics will provide the detailed syllabi of Mathematics III and Discrete Structures and Digital Electronics will be provided by the Dept. of ECE, through their resp. BOS.
- The committee rectified the statement of POs and PSOs suggested in the previous BOS and recommended the enclosed list of POs and PSOs, of the Dept. of Computer Science.
- The members discussed and recommended the list of courses (core and electives) against the **Minor degree in Computer Science**, to be gained by the B.Tech students of 2018 batch onwards. The courses chosen by the student (amounting to minimum of 18 credits), from the proposed list of courses, shall be in addition to the courses studied by the student towards his/her major degree.
Further, the committee recommended that Exit Policy, in case the student wants to quit the Minor degree option should be proposed by the concerned competitive committee.
- The committee recommended that the batch size for the minor courses shall be limited to 60, selected through merit.

The meeting ended with a vote of thanks.

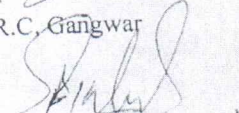

Dr. Krishan Saluja

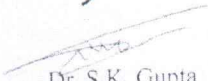

Dr. Harsh Verma


Dr. R.C. Gangwar

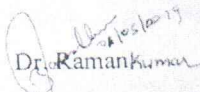

Dr. Avtar Singh Bhutar

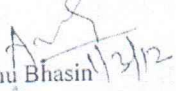
Dr. Ashish Arora


Dr. Baljit Singh


Dr. S.K. Gupta

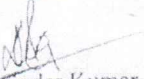

Dr. Sumesh Sood


Dr. Ramankumar

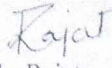

Dr. Anshu Bhasin

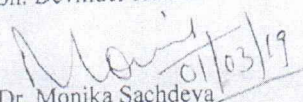
Dr. Sarbjeet Singh

Sr. Sikander


Sh. Devinder Kumar


Sh. Balbir Singh (Parent)


Mr. Rajat


Dr. Monika Sachdeva
(Chairman)

IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 16th July, 2019 at 12.30 p.m. in Seminar Hall, 3rd floor, Dept. of Academics, IKGPTU, Kapurthala.

The agenda of the meeting was to discuss and finalize:

- 1) To finalize B. Tech (Software Engineering) scheme and syllabi for first year of 2019 batch.
- 2) To finalize B. Tech (Computer Science and Engineering) scheme and syllabi for first year of 2019 batch.
- 3) To finalize and offer same scheme and syllabi as of affiliated colleges to B. Tech (Computer Science and Engineering) students of Main campus and constituent campuses for the batches before 2019.
- 4) To finalize and offer same scheme and syllabi as of affiliated colleges to M. Tech (Computer Science and Engineering) students of Main campus and constituent campuses for the batch 2018 and 2019.
- 5) To finalize syllabus of Fundamentals of Computer and C Programming course of B.Sc. (Hons.) Mathematics.
- 6) To finalize MOOCs courses for B.Tech CSE Honors and Minor degree
- 7) To finalize Vision and Mission of the CSE department.
- 8) To finalize PEOs, POs, COs for B.Tech and M.Tech Programs.

Following Members were present at the meeting:

1. Dr. Monika Sachdeva, Associate Professor, Main Campus, IKGPTU
2. Dr. Sandeep Sood, Outside Expert, Deptt. of CSE, GNDU, Regional Campus, Gurdaspur
3. Dr. Manju Bala, Professor, Khalsa College of Engg. & Tech., Amritsar
4. Dr. Geeta Sikka, Associate Professor, Deptt. of CSE, NIT, Jalandhar
5. Dr. Anshu Bhasin, Assistant Professor, Main Campus, IKGPTU
6. Dr. Pankaj Deep Kaur, Assistant Professor, Dept. of CSE, GNDU Regional Campus, Jalandhar
7. Dr. Sumcet Kaur Sehra, Assistant Professor, Deptt. CSE, GNDEC, Ludhiana
8. Dr. Alok Kumar Singh Kushwaha, Assistant Professor, IKGPTU
9. Er. Mohit Jain Er. Mohit Jain, Database Administrator, IRC-UHVE, IKGPTU
10. Er. Rajat Khurana, M.Tech Student, IKGPTU Main Campus
11. Mr. Ankit Gautam, B.Tech Student, IKGPTU Main Campus

Following Members could not be present at the meeting

- Dr. Maninder Singh, Professor, Outside Expert, HOD CSE, Thapar Institute of Engineering & Technology, Patiala
- Mr. Rajeev Bansal, Industry Expert, Deptt. of CSE, Senior Consultant, Tata Consultancy, Gurgaon, Haryana
- Dy. Director, Assistant Director CR&A, Deptt. of CR&A, IKGPTU
- Dr. Rama Krishna, Professor, Deptt. of CSE, NITTTR, Chandigarh
- Dr. Lakhwinder Kaur, Professor, Pbi. Univ., Patiala
- Dr. Narotam Chand, Associate Professor, Deptt. of CSE, NIT, Hamirpur
- Dr. Jasbir Singh Saini, Associate Professor, GNDEC, Ludhiana

The Board took the agenda and following decisions were taken:

- BOS has Approved that candidates who are eligible to go to Thompson Rivers University, Candana under MoU of BE (Software Engineering) will undertake the scheme and syllabi

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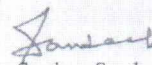
Director
I.K. Gujral Punjab Technical University
Mohali Campus-1

provided by Thompson Rivers University, Canada. Rest of the batch will take curriculum common to all B.Tech programs of IKGPTU.

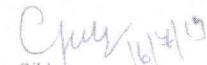
- BOS has finalized that students who will be shifted to Thompson Rivers University, their grade points will be computed as per sheet provided by Thompson Rivers University enclosed as Annexure-1.
- The BOS has approved to follow same scheme and syllabi to B.Tech CSE for 2019 Batch as of affiliated colleges.
- The BOS has approved to follow same scheme and syllabi to Batch before 2019 as of affiliated colleges for B.Tech and M.Tech.
- The BOS has approved syllabus for Fundamentals of Computer and C Programming course of B.Sc. (Hons.) Mathematics.
- BOS has approved that MOOCs courses can be covered through courses offered by Swayam and NPTEL only. Chairperson, BOS will appoint MOOCs Coordinator from the department of every IKGPTU campus, for the period of the two years. The MOOCs coordinator will be responsible to permit the student to opt for Honor's courses (out of list of Honors courses available in scheme) through MOOCs and transfer of credit. For credit transfer UGC policy of credit transfer will be used.
- BOS has finalized that all core courses for MINOR Degree to be covered through classroom teaching only. However, for Electives, MOOCs coordinator will be responsible for finalizing course out of and related proposed Elective courses.
- BOS has approved proposed Vision, Mission of CSE Department.
- BOS has approved proposed PSOs, POS, COS (2018) for B.Tech and M.Tech.
- BOS approved schemes and syllabus for 2019 and previous batches of BCA to be same as of affiliated colleges Scheme & Syllabi.

The meeting ended with a vote of thanks.

List of members for signature:

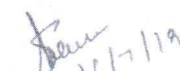

Dr. Sandeep Sood
16/7/19

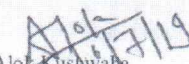

Dr. Manju Bala

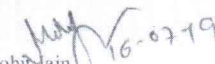

Dr. Geeta Sikka
16/7/19

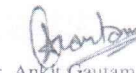

Dr. Anshu Bhasin
16/7/19

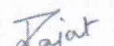

Dr. Pankaj Deep Kaur

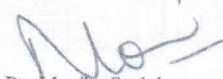

Dr. Sumeet Kaur Sehra
16/7/19


Dr. Alok Kushwaha
16/7/19


Mr. Mohit Jain
16-07-19


Mr. Ankit Gautam


Er. Rajat Khurana


Dr. Monika Sachdeva
(Chairman)

I K GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 20th April, 2020 at 12.00 to 01:00 p.m conducted using online platform through Zoom bearing Meeting ID: 649 141 6705, Password: 8Tgqcm..

The agenda of the meeting was to discuss and finalize:

1. To update B. Tech (Computer Science and Engineering) scheme for 2018 batch onwards for IKGPTU Main Campus and constituent campuses.
2. To finalize B. Tech (Computer Science and Engineering) syllabi for 5th Semester (2018 batch onwards) for IKGPTU Main Campus and constituent campuses.
3. To finalize scheme and syllabi of 3rd and 4th semester for B. Tech (Computer Engineering), 2019 batch of IKGPTU Main Campus.
4. To finalize scheme and syllabi of 3rd and 4th semester for B. Tech (Software Engineering), 2019 batch of IKGPTU Main Campus.
5. To finalize internal evaluation criteria of the courses BTCS 801 (Software Training): Internal Marks 150 and BTCS 802 (Industry Oriented Project Training): Internal Marks 200 of IKGPTU Main Campus.

Following Members were present at the meeting:

1. Dr. Monika Sachdeva, Associate Professor, Head and Board of Studies Chairman, Deptt. CSE, Main Campus, IKGPTU
2. Dr. Manju Bala, Professor, Khalsa College of Engg. & Tech., Amritsar Dr. Rama Krishna, Professor, Deptt. of CSE, NITTTR, Chandigarh
3. Dr. Rama Krishna, Professor, Deptt. of CSE, NITTTR, Chandigarh
4. Dr. Sandeep Sood, Outside Expert, Deptt. of CSI, Central University of Himachal Pradesh
5. Dr. Geeta Sikka, Associate Professor, Deptt. of CSE, NIT, Jalandhar
6. Dr. Anshu Bhasin, Assistant Professor, Main Campus, IKGPTU
7. Dr. Pankaj Deep Kaur, Assistant Professor, Dept. of CSE, GNDU Regional Campus, Jalandhar
8. Dr. Raman Kumar, Assistant Professor and Board of Studies Coordinator, Deptt. of CSE, Main Campus, IKGPTU

Following Members could not be present at the meeting

- Dr. Lakhwinder Kaur, Professor, Pbi. Univ., Patiala
- Dr. Narotam Chand, Associate Professor, Deptt. of CSE, NIT, Hamirpur
- Dr. Jasbir Singh Saini, Associate Professor, GNDEC, Ludhiana
- Dr. Sumeet Kaur Sehra, Assistant Professor, Deptt. CSE, GNDEC, Ludhiana
- Dr. Maninder Singh, Professor, Outside Expert, HOD CSE, Thapar Institute of Engineering & Technology, Patiala
- Mr. Rajeev Bansal, Industry Expert, Deptt. of CSE, Senior Consultant, Tata Consultancy, Gurgaon, Haryana
- Dy. Director, Assistant Director CR&A, Deptt. of CR&A, IKGPTU
- Er. Mohit Jain Er. Mohit Jain, Database Administrator, IRC-UHVE, IKGPTU
- Er. Rajat Khurana, Former M.Tech Student, IKGPTU Main Campus

The Board took the agenda and following decisions were taken:

- BOS has approved B. Tech (Computer Science and Engineering) scheme for 2018 batch onwards for IKGPTU Main Campus and constituent campuses. In essence, BOS has finalized the subject entitled "Block Chain" will be retitled as "Block Chain Technologies" in electives.

- BOS has approved B. Tech (Computer Science and Engineering) syllabi for 5th Semester (2018 batch onwards) for IKGPTU Main Campus and constituent campuses.
- BOS has approved scheme and syllabi of 3rd and 4th semester for B. Tech (Computer Engineering), 2019 batch of IKGPTU Main Campus.
- BOS has approved scheme and syllabi of 3rd and 4th semester for B. Tech (Software Engineering), 2019 batch of IKGPTU Main Campus.
- BOS has approved that only departmental committee members will evaluate each student for BTCS 801 and BTCS 802 respectively.

The meeting ended with a vote of thanks.

List of members for signature:

Dr. Manju Bala

Dr. Rama Krishna

Dr. Sandeep Sood

Dr. Geeta Sikka

Dr. Anshu Bhasin

Dr. Pankaj Deep Kaur

Dr. Raman Kumar
(Board of Studies Coordinator)

Dr. Monika Sachdeva
(Chairman)




Director
I.K.Gujral-Punjab Technical University
Mohali Campus-1

2 Director
I.K.Gujral-Punjab Technical University
Mohali Campus-1

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I K GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 18th January, 2021 at 02.00 to 03:30 p.m conducted using online platform through Zoom bearing Meeting ID: 729 1047 3541, Password: ikgptu.

The agenda of the meeting was to discuss and finalize:

1. To finalize scheme of B.Tech (Computer Science & Engineering) and syllabi of 6th semester for B. Tech (Computer Science and Engineering), 2018 batch onwards for IKGPTU Main Campus and constituent campuses.
2. To finalize syllabi of 4th semester for B. Tech (Computer Engineering), 2019 batch of IKGPTU Main Campus.
3. To finalize syllabi of 4th semester for B. Tech (Software Engineering), 2019 batch of IKGPTU Main Campus.
4. To finalize scheme and syllabi of Minor Degree & Honours Degree for B. Tech courses running in department of Computer Science and Engineering, 2020 batch of IKGPTU Main Campus and constituent campuses.

Following Members were present at the meeting:

1. Dr. Monika Sachdeva, Associate Professor, Head and Board of Studies Chairman, Deptt. CSE, Main Campus, IKGPTU
2. Dr. Manju Bala, Professor, Khalsa College of Engg. & Tech., Amritsar
3. Dr. Rama Krishna, Professor, Deptt. of CSE, NITTTR, Chandigarh
4. Dr. Sandeep Sood, Outside Expert, Associate Professor, NIT, Kurukshetra
5. Dr. Geeta Sikka, Associate Professor, Deptt. of CSE, NIT, Jalandhar
6. Dr. Jasbir Singh Saini, Associate Professor, GNDEC, Ludhiana
7. Dr. Sumeet Kaur Sehra, Assistant Professor, Deptt. CSE, GNDEC, Ludhiana
8. Dr. Pankaj Deep Kaur, Assistant Professor, Dept. of CSE, GNDU Regional Campus, Jalandhar
9. Dr. Anshu Bhasin, Assistant Professor, Main Campus, IKGPTU
10. Dr. Raman Kumar, Assistant Professor and Board of Studies Coordinator, Deptt. of CSE, Main Campus, IKGPTU

Following Members could not be present at the meeting

- Dr. Lakhwinder Kaur, Professor, Pbi. Univ., Patiala
- Dr. Maninder Singh, Professor, Outside Expert, HOD CSE, Thapar Institute of Engineering & Technology, Patiala
- Dr. Narotam Chand, Associate Professor, Deptt. of CSE, NIT, Hamirpur
- Mr. Rajeev Bansal, Industry Expert, Deptt. of CSE, Senior Consultant, Tata Consultancy, Gurgaon, Haryana
- Dy. Director, Assistant Director CR&A, Deptt. of CR&A, IKGPTU
- Er. Mohit Jain Er. Mohit Jain, Database Administrator, IRC-UHVE, IKGPTU
- Er. Srishty, Former B.Tech Student, IKGPTU Main Campus
- Mehul Kansal (B.Tech 2017 Batch), Divyanshu Singh (B.Tech 2017 Batch)
- Shri. Davinder Kumar, Assistant Registrar, IKGPTU

The Board took the agenda and following decisions were taken:

- BOS has approved scheme of B.Tech (Computer Science & Engineering) and syllabi of 6th semester for B. Tech (Computer Science and Engineering), 2018 batch onwards for IKGPTU Main Campus and constituent campuses.
- BOS has approved syllabi of 4th semester for B. Tech (Computer Engineering), 2019 batch of IKGPTU Main Campus.

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- BOS has approved syllabi of 4th semester for B. Tech (Software Engineering), 2019 batch of IKGPTU Main Campus.
- BOS has approved scheme and syllabi of Minor Degree & Honours Degree for B. Tech courses running in department of Computer Science and Engineering, 2020 batch of IKGPTU Main Campus and constituent campuses.

The meeting ended with a vote of thanks.

List of members for signature:

Dr. Manju Bala

Dr. Rama Krishna

Dr. Sandeep Sood

Dr. Geeta Sikka

Dr. Jasbir Singh Saini

Dr. Pankaj Deep Kaur

Dr. Sumeet Kaur Sehra

Dr. Anshu Bhasin

Dr. Raman Kumar
(Board of Studies Coordinator)

Dr. Monika Sachdeva
(Chairman)


Director
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IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies (CSE/ IT), was scheduled on 16th 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:

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- 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 7th /8th 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 5th 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 5th 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 5th 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 4th semester. Further, from the 5th 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.

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Based on the above decision the scheme and syllabus till 4th 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 been 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 Secuirty, 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 4th Semester students, batch 2019 only, has been proposed during the 5th 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.


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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 BAnsal

Dr. Anshu Bhasin

Dr. Monika Sachdeva
(Chairman)

Director

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anshu bhasin <anshukmv@gmail.com>

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

7 messages

anshu bhasin <anshukmv@gmail.com>

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**
1040K
- 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**

<https://mail.google.com/mail/u/0?ik=85bf7affdd&view=pt&search=all&permthid=thread-a%3Ar5267143148332823754&siml=msg-a%3Ar5262185694>

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Wed, Jun 23, 2021 at 4:38 PM

Dr. Sunny Behal <sunnybehal@sbsstc.ac.in>
To: anshu bhasin <anshukmv@gmail.com>

Dear Dr. Anshu Bhasin,

I have one observation regarding specialized B.Tech courses.

As we are now making a uniformity in the curriculum of semester 1 to 4 for all of these specialized courses, we can make it open to choose among C++/ java/Python for the implementation of OOP and Data Structures subjects depending upon the requirements of that particular specialized course or student choice.

Rest of the things seem fine to me and approved from my side.

Best wishes

Dr. Sunny Behal,
Dean Academics,
HOD-CSE (Data Science) and
PG Diploma in Cyber Security and Digital Forensic

Associate Professor, CSE Deptt
Shaheed Bhagat Singh State University, Ferozepur-152004
Mobile: +91-8288012007
Email:
sunnybehal@sbsstc.ac.in
sunnybehal@rediffmail.com
sunnybehal.sbs@gmail.com

Google Scholar Profile: <https://scholar.google.co.in/citations?user=TVDsvK8AAAAJ&hl=en>
ResearchGate Profile: https://www.researchgate.net/profile/Sunny_Behal
Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=54419434600>
ORCID ID / Profile: <https://orcid.org/0000-0002-9701-4358>
Personal Web Page: <https://sites.google.com/view/sunnybehal/home>

[Quoted text hidden]

anshu bhasin <anshukmv@gmail.com>
To: Dr Krishan Kumar <k.salujaiet@gmail.com>

Wed, Jun 23, 2021 at 5:36 PM

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11 attachments

-  **MoM.pdf**
424K
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1040K


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-  **Scheme & Syllabus-B.tech(AI& ML).pdf**
1040K
-  **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**
181K

Ajay Sharma <ajaysharma@acetamritsar.org>

Wed, Jun 23, 2021 at 6:08 PM

To: anshu bhasin <anshukmv@gmail.com>

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

Thanks for the mail.

[Quoted text hidden]

Sandeep Sood <san1198@gmail.com>

Thu, Jun 24, 2021 at 11:37 AM

To: anshu bhasin <anshukmv@gmail.com>

Respected Madam,

I hereby convey my formal acceptance to the attached draft MoM. The filled honorarium form is attached. Kindly forward it to the accounts section.

With Regards

On Wed, Jun 23, 2021 at 4:20 PM anshu bhasin <anshukmv@gmail.com> wrote:

[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

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887K

Dr. Sandeep Kad <sandeepkad@acetamritsar.org>

Mon, Jun 28, 2021 at 10:07 AM

To: anshu bhasin <anshukmv@gmail.com>

Dear Ma'am,

Greetings!!

As discussed in the meeting held on 16th June, 2021, the agenda items stand approved on my behalf.

Regards,

2021

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

On Wed, Jun 23, 2021 at 4:20 PM anshu bhasin <anshukmv@gmail.com> wrote:
[Quoted text hidden]

Dr. Sandeep Kad,
Professor (Department of Computer Science and Engineering)
Amritsar College of Engineering and Technology, Amritsar
(Autonomous College, NAAC (A-Grade))

Monika Sachdeva <monasach1975@gmail.com>
To: anshu bhasin <anshukmv@gmail.com>

Mon, Jun 28, 2021 at 1:02 PM

Dear Mam

I agree with the attached MOM.

Regards
Dr Monika Sachdeva
Professor, Department of Computer Science and Engineering
IKGPTU Mohali Campus- I, Mohali, Punjab
India

On Wed, Jun 23, 2021 at 4:20 PM anshu bhasin <anshukmv@gmail.com> wrote:
[Quoted text hidden]

<https://mail.google.com/mail/u/0?ik=85bf7afdd&view=pt&search=all&permthid=thread-a%3Ar5267143148332823754&simpl=msg-a%3Ar5262185694>

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