Supporting Documents

Department of Computer Science Engineering

S. No.	Documents attached
1	**Approved MOMs of BOS/ Academic Council Highlighting the Name of New Courses Introduced**
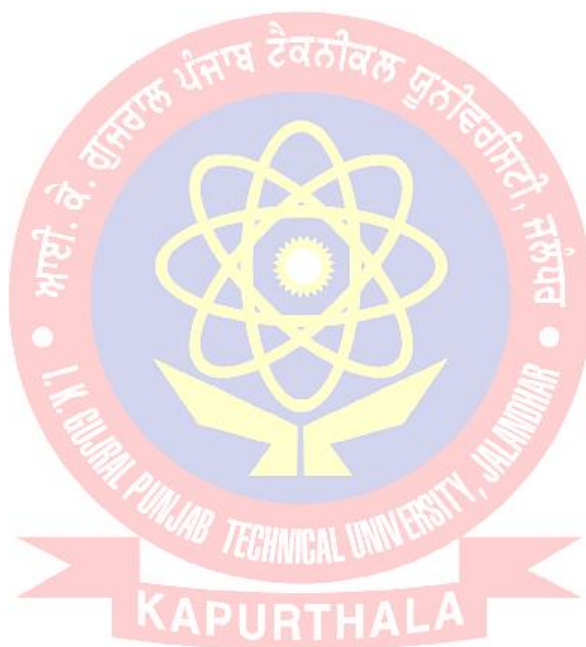
IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR
Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 6th July 2017 at 11.30 a.m. in Seminar Hall, 2nd floor, Dept. of Academics, IKGPTU, Kapurthala.

The agenda of the meeting was to discuss and finalize:

- Scheme and syllabi for M.Tech. (Big Data Analytics) 2016 batch
- Scheme and syllabi for M.Tech. (Computer science and Engineering) 2017 batch
- Scheme for B. Tech. (Computer science and Engineering) 2017 batch
- Equivalence of Ph. D. in Computer Applications with Ph. D in Computer Sc. and Engineering
- 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. 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. R.C. Gangwar, Associate Professor, BCET,Gurdaspur
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*
Mr. Vipin, Industry Expert, *Special Invitee*

Following members could not attend the meeting:
Dr. Parminder Singh, Professor, GNDEC, Ludhiana
Dr. Harsh Verma, NIT, Jalandhar, *outside Expert*
Mr. Navdeepak Sandhu, Training and Placements, IKGPTU, Kapurthala

The Board took the agenda and following decisions were taken.

1. The scheme and syllabi for M Tech (Big Data Analytics) has been approved.
2. The scheme for M Tech (CSE) for the batch 2018 has been finalized.
3. Every student has to earn 20%-25% credits through MOOCs courses. The department will decide the equivalency of existing courses with the MOOCs courses for online learning.
4. An open elective may be introduced in third semester of M. Tech. (CSE).
5. Evaluation criteria for evaluating M. Tech. dissertation may be as follows:
   a. Papers published in SCI/SCIE journals may be assigned grade 'O'.
   b. Papers published in SCOPUS indexed journals may not be assigned above grade 'A+'.
   c. Papers published in UGC approved journal list not covered above and IEEE/Springer/ACM/Proceedia may not be assigned above grade 'A'.
   d. Other grades may be assigned based on the performance of students below grade 'A'.
6. Due to shortage of time the scheme of B. Tech. (CSE) could not be taken up. However, the board was of opinion that a course "Soft Skills (covering all placement pre-requisites)" may be introduced from third semester onwards.
7. The committee strongly recommended workshops/short term courses on latest technologies due to major revisions in both B. Tech. and M. Tech. curriculum.
8. The board was of view that Ph.D. in Computer Applications may be considered equivalent to Ph.D. in Computer Science. However, it should be considered under Faculty of Sciences.

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Department of Computer Science & Engineering
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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

HOD
Department of Computer Science & Engineering
IKG PTU Main Campus

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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IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies, Computer Science Engineering, was scheduled on 30th July, 2018 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. Adoption of scheme & syllabi of M. Tech (Cyber Security) 1st sem for 2018 batch.

2. Adoption of scheme & syllabi of B. Tech (IT) 3rd sem onwards for 2018 batch.

3. Revised scheme of M. Tech (Big DataAnalytics) for 2016 batch.

4. Credit transfer scheme for "Swayam" based MOOCs.

Following Members were present at the meeting:

Dr. Monika Sachdeva, IKGPTU Main Campus, Chairman (Ex-officio)

Dr. Parminder Singh, Professor, GNDEC, Ludhiana

Dr. Baljit Singh, Professor, BBSEC, Fatehgarh Sahib

Dr. Harsh Verma, NIT, Jalandhar, outside Expert

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. Rajesh Bhatia, Panjab Technology University, Chandigarh, outside Expert

Dr. Akshay Girdhar, Professor, GNDEC, Ludhiana

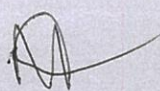Dr. Krishan Saluja Panjab University, Chandigarh, outside Expert

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

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

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

Dr. S.K. Gupta , Associate Professor, BCET, Gurdaspur

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The Board took the agenda and following decisions were taken

The members deliberated and agreed on the adoption of scheme and syllabi presented for M.Tech-CSE specialization in Cyber security 2018 onwards, based on the base model proposed by AICTE. The evaluation criteria was finalised along with course codes. The board also deliberated on the detailed syllabus of First Semester and finalised the same.
The Scheme and syllabi for the First Semester is submitted along.

After deliberations, consent was achieved on the adoption of scheme presented for B.tech (Information Technology) 2018 onwards, based on the model proposed by AICTE. The evaluation criteria was finalised along with course codes.
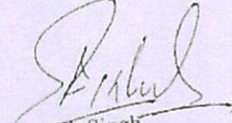The board also delibrated on the inclusion of 6-8 week industrial training after the sixth semester and included the same in the scheme. The complete Scheme is submitted along.

The Revised scheme of M.Tech(Big Data Analytics), 2016 was approved, considering that the DMCs for the earlier semesters were already released to the students and students should not face problem in their final degree results.

The members discussed the mapping between the courses offered through Swayam and institutions' curriculum and suggested that the feedback from other institutes should be seeked to understand the current status of its implementation. Details will be hence, taken up in next BoS.

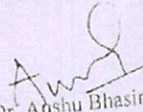The meeting ended with a vote of thanks.

List of members for signature:

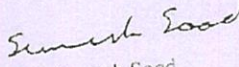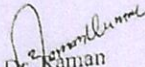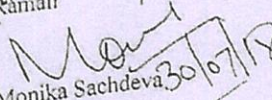Dr. Baljit Singh

Dr. Dinesh Kumar

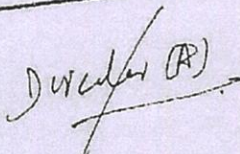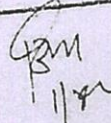Dr. Harsh Verma
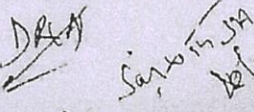
Dr. Parminder Singh

Dr. Anshu Bhasin

Dr. Sumesh Sood

Dr. Raman

Dr. Monika Sachdeva 30/07/18
(Chairman)

Director (R)

HOD
Department of Computer Science & Engineering
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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

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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. Sumeet 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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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.

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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 20th May, 2020 at 12.00 to 01:00 p.m conducted using online platform through CISCO WebEx Meeting link: https://meetingsapac21.webex.com/meetingsapac21/j.php?MTID=m85851873964442b4b11e25d4db504ce92, Meeting number: 917 244 107, Password: 7tmYMwuv53p (78696988 from phones and video systems), Host key: 656424

The agenda of the meeting was to discuss and finalize:

1. The change of pattern of Question paper.
2. Propose the Names of Paper Setters for each subject.
3. To give directions and approval for BCA and MCA Syllabus for IKGPTU Main Campus will be same as approved Syllabus of IKGPTU Affiliated Institutes.

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. Rama Krishna, Professor, Deptt. of CSE, NITTTR, Chandigarh
3. Dr. Sandeep Sood, Outside Expert, Deptt. of CSI, Central University of Himachal Pradesh
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. Suneet Kaur Sehra, Assistant Professor, Deptt. CSE, GNDEC, Ludhiana
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. Manju Bala, Professor, Khalsa College of Engg. & Tech., Amritsar
- 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. 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

The Board took the agenda and following decisions were taken:

- BOS has approved the change of pattern of Question paper.
- BOS has approved the proposed Names of Paper Setters for each subject.
- BOS has approved BCA and MCA Syllabus for IKGPTU Main Campus will be same as approved Syllabus of IKGPTU Affiliated Institutes.

The meeting ended with a vote of thanks.

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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
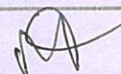
Following Members could not be present at the meeting

- 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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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
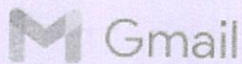

Dr. Raman Kumar   Dr. Sandeep Kad   Mr. JAtinder BAnsal

Dr. Anshu Bhasin

Dr. Monika Sachdeva
(Chairman)

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

M Gmail

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**

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Department of Computer Science & Engineering
IKG PTU Main Campus
Kapurthala

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

Wed, Jun 23, 2021 at 4:38 PM

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.salujauiet@gmail.com>

Wed, Jun 23, 2021 at 5:36 PM

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11 attachments

📄 **MoM.pdf**
424K

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📄 **Scheme & Syllabus-B.tech iot.pdf**
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,

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

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]

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

M Gmail   anshu bhasin <anshukmv@gmail.com>

Proceedings of BOS meet held on 5th August 21
7 messages

anshu bhasin <anshukmv@gmail.com>   Mon, Aug 9, 2021 at 2:30 PM
To: Monika Sachdeva <Monasach1975@gmail.com>, Dr Manju Bala <drmanju571@gmail.com>, Parminder Singh
<parminder2u@gmail.com>, sandeepkad@acetamritsar.org, harpreet_daviet@yahoo.in, ajaysharma@acetamritsar.org,
dr.ramankumar@ptu.ac.in, san1198@gmail.com, sikkag@nitj.ac.in, Dr Krishan Kumar <ksalujauiet@gmail.com>

Respected BoS Members
Greetings !

Please find enclosed the MoM and documents related to the proceedings of agenda items. Kindly inform me if any
unintentional mistake is identified , else please send your approval on the same in this mail thread only.
This mail will be forwarded to the Dean Academics office, as your kind consent on the attachments.

Thank you in anticipation.

regards

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

---

2 attachments

📄 **BTech-Computer-Engineering 2019 onwards.pdf**
958K

📄 **MoM.docx**
21K

Ajay Sharma <ajaysharma@acetamritsar.org>   Mon, Aug 9, 2021 at 2:48 PM
To: anshu bhasin <anshukmv@gmail.com>
Cc: Monika Sachdeva <Monasach1975@gmail.com>, Dr Manju Bala <drmanju571@gmail.com>, Parminder Singh
<parminder2u@gmail.com>, "Dr. Sandeep Kad" <sandeepkad@acetamritsar.org>, harpreet_daviet@yahoo.in,
dr.ramankumar@ptu.ac.in, san1198@gmail.com, sikkag@nitj.ac.in, Dr Krishan Kumar <ksalujauiet@gmail.com>

Thanks for the mail.
[Quoted text hidden]

Sandeep Sood <san1198@gmail.com>   Mon, Aug 9, 2021 at 2:54 PM
To: anshu bhasin <anshukmv@gmail.com>, Monika Sachdeva <monasach1975@gmail.com>

Kindly change my affiliation to N.I.T. Kurukshetra.
[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

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

Mobile:9465204534

---

anshu bhasin <anshukmv@gmail.com>
To: Sandeep Sood <san1198@gmail.com>
Cc: Monika Sachdeva <monasach1975@gmail.com>

Mon, Aug 9, 2021 at 3:04 PM

Noted.
[Quoted text hidden]

Sandeep Sood <san1198@gmail.com>
To: anshu bhasin <anshukmv@gmail.com>, Monika Sachdeva <monasach1975@gmail.com>

Mon, Aug 9, 2021 at 4:32 PM

I give my acceptance to minutes of the BoS(CSE/IT) meeting held on 05/08/2021 as attached.

With Best Wishes,
Dr. Sandeep Kumar Sood
Associate Professor, Computer Applications,
National Institute of Technology,
Kurukshetra-136119, Haryana, India
Mobile:9465204534
Skyp:live:.cid.9071aee726d33ae7
Mobile:9465204534
On Mon, Aug 9, 2021 at 2:30 PM anshu bhasin <anshukmv@gmail.com> wrote:
[Quoted text hidden]

With Best Wishes,
[Quoted text hidden]

Parminder Singh <parminder2u@gmail.com>
To: anshu bhasin <anshukmv@gmail.com>

Mon, Aug 9, 2021 at 10:16 PM

Madam,

I give my consent to the minutes of the BOS meeting.

Regards,
Dr. Parminder Singh
Professor and Head,
Department of Computer Science & Engineering,
Guru Nanak Dev Engineering College,
Gill Road, Ludhiana (Punjab) - 141 006
INDIA
Ph. +91-98555-76176 (m)
     +91-161-5064547 (o)

On Mon, Aug 9, 2021 at 2:30 PM anshu bhasin <anshukmv@gmail.com> wrote:
>
[Quoted text hidden]

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

Tue, Aug 10, 2021 at 9:26 AM

I agree to the attached MoM.

On Mon, 9 Aug 2021, 14:30 anshu bhasin, <anshukmv@gmail.com> wrote:
[Quoted text hidden]

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Department of Computer Science & Engineering
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Kapurthala

IKG PUNJAB TECHNICAL UNIVERSITY, JALANDHAR

Minutes of Meetings

A meeting of Board of Studies (CSE/ IT), was held on 5th August,2021 at 11.00 a.m. through online (Google.meet) mode, with the due permission of the concerned office.

The agenda of the meeting were:

Agenda 1: Revisit the eligibility for M.tech- CSE (Artificial Intelligence) and M.tech-CSE (Cyber security) 2020 batch onwards

Agenda 2: Discuss the scheme & syllabus of B.Tech- SE, 2019 batch 6th semester onwards

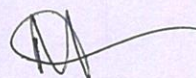Agenda 3: Discuss the scheme & syllabus of B.Tech CoE, 2019 batch 6th semester onwards

Following Members were present at the meeting:

1. Dr. Monika Sachdeva, Prof., Mohali Campus, IKGPTU
2. Dr. Sandeep Sood, Prof.,Associate Prof., NIT Kurukshetra
3. Dr. Krishan Saluja, Prof., UIET, Chandigarh
4. Dr. Geeta Sikka , Associate Prof., NIT, Jalandhar
5. Dr. Parminder Singh, Professor, GNDEC
6. Dr. Parminder Singh, Professor, GNDEC
7. Dr. Manju Bala, Professor., Khalsa College of Engg.& Tech., Amritsar
8. Dr. Harpreet Kaur, Associate Professor, Daviet, Jalandhar
9. Dr. Ajay Sharma, ACET, Amritsar
10. Dr. Sandeep Kad. ACET, Amritsar
11. Dr. Raman Kumar, MC, IKGPTU
12. Dr. Anshu Bhasin, Asstt. Prof. , BOS Coordinator, IKGPTU
13. Dr. Balwinder, Joint Director, CDAC, Mohali

Following members could not attend the meeting:

- Dr. Sumeet Kaur Sehra, GNDEC
- Dr. Navdeepak Sandhu, CR&A, IKGPTU
- Dr. Sunny Behal, SBSSTC, Ferozpur
- Mr. Jatinder Bansal , Design Consultant, TCS

The Board took the agenda and following decisions were taken:

1 | Page

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- The board very patiently listened to the representation of CDAC, Mohali on the **eligibility** of M.Tech- CSE(Cyber Security) and M.tech (Artificial Intelligence) and after deep deliberations it was revised as below:

  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).

  OR

  B.E./ B.Tech in any stream as Major along with Minor degree in CSE.

  OR

  B.Tech. in any relevant/ appropriate branch of CSE as mentioned in the AICTE regulations, from time to time, under "_Major Branches of Engineering / Technology and their relevant / appropriate branch of UG degree in Engineering / Technology_".

  The board maintained its opinion, as delivered in the last BoS meeting held on 16th june 2021, that though CDAC, is requesting to include Electronics and other relevant branches as eligibility, but same can not been considered keeping in line with the GATE, national level entrance exam, eligibility for M.Tech- CSE. 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 of Electronics and related streams from all institutes.

  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 board discussed on the requests received from the students, through mail, on the inclusion of Programming in Python as an elective option in the 5th sem. in the scheme of **B.Tech (Computer Engg.) 2019 onwards.**

  The board approved the same.

  The revised scheme and syllabus is enclosed along the MoM.

- The board proposed the list of Electives for B.tech- CoE and B.Tech- SE and decided to discuss details based on drafts in the next BoS meet.

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 may please be accepted).

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Department of Computer Science & Engineering
IKG PTU Main Campus
Kapurthala

Dr. Sandeep Sood   Dr. Geeta Sikka   Dr. Manju Sharma

Dr. Krishan Saluja   Dr. Parminder Singh   Dr. Harpreet Kaur

Dr. Ajay Sharma   Dr. Sandeep Kad   Dr. Balwinder

Dr. Raman Kumar   Dr. Anshu Bhasin

Dr. Monika Sachdeva
(Chairman)

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