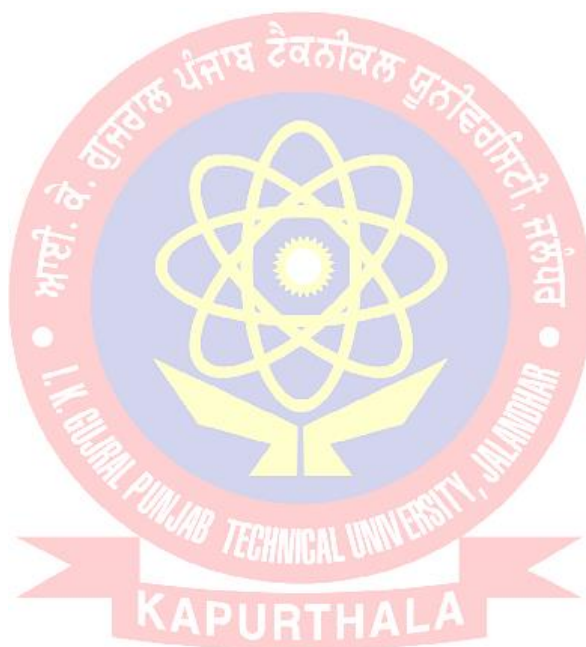


Supporting Documents- IKGPTU Amritsar
Campus

1.1.3 & 1.2.1

**MOMs Highlighting Employability
Courses_1.1.3 and Approved MOMs of BOS/
Academic Council Highlighting the Name of
New Courses Introduced_1.2.1**



- Approved Minutes of relevant Academic Council/BOS meetings highlighting the specific agenda item relevant to the metric year wise.
- Minutes of relevant Academic Council/BOS meeting



I. K. Gujral Punjab Technical
University Amritsar Campus,
Inside Govt. Polytechnic College,
Near GNDU, G. T. Road, P.O. Chheharta,
Amritsar-143105 Punjab.
Ph:- 0183-2450034, 7087364656

I.K. Gujral Punjab Technical University

Date: 15/06/2017

(Minutes of Meeting)

Board of Studies of Mechanical Engineering/Production Engineering/ Industrial Engineering/Automobile Engineering

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/ Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on June 15th, 2017 at 11:00 in the conference hall, Department of Academics, G+3 Building, main campus, IK Gujral Punjab Technical University Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was to discuss the scheme & syllabus of B.Tech Mechanical Engg., M.Tech Mechanical Engg., & Production Engg., being run in main campus & affiliated colleges and to discuss any other matter with the permission of Chair.

Following members of the BOS were present and actively participated:

- | | |
|-----------------------------|--------------------------------|
| 1. Dr. Vikas Chawla | Chairman (Professor) |
| 2. Dr. Harwinder Singh | Member (Professor) |
| 3. Dr. Om Pal Singh | Member (Professor) |
| 4. Dr. Paramjit Singh Bilga | Member (Professor) |
| 5. Dr. Neelkanth Grover | Member (Assoc. Professor) |
| 6. Dr. Dilbag Singh | Member (Assoc. Professor) |
| 7. Dr. Sumit Jain | Member (Assoc. Professor) |
| 8. Dr. Deepak Kumar Goyal | Coordinator (Asstt. Professor) |
| 9. Dr. Jujhar Singh | Member (Asstt. Professor) |
| 10. Dr. Amoljit Singh Gill | Member (Asstt. Professor) |

Following members of BOS could not attend the meeting:

- | | |
|-------------------------|-------------------------|
| 1. Dr. S.P. Singh | Member (Outside Expert) |
| 2. Dr. Dinesh Kumar | Member (Outside Expert) |
| 3. Dr. Ajay Batish, | Member (Outside Expert) |
| 4. S. Navdeepak Sandhu, | Member (T&P) |

The Board has taken the following decisions:

1. It has been observed that BOG vide its 39th meeting under Agenda item no. 39.3 approved Manufacturing and Material Engineering; Thermal Engineering and Industrial Automation and Robotics as specializations for M.Tech. Programs to be started under

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I.K. Gujral Punjab Technical University

Department of Mechanical Engg., IKGPTU Main campus and not M.Tech. Mechanical Engineering (Manufacturing Engineering) as notified by the university. It has also been noted that this matter has never been brought to or discussed in any earlier BOS meeting/s.

2. It has been noticed that the specialization Manufacturing and Material Engineering approved by BOG doesn't come under nomenclatures approved by the AICTE in their guidelines.
3. Thus, it has been unanimously decided that M.Tech. Mechanical (Manufacturing and Material Engineering) as approved by BOG or M.Tech. Mechanical (Manufacturing Engineering) as notified by IKGPTU should not be considered as specialization to be started at IKGPTU Main Campus, Kapurthala. Although M.Tech. Mechanical (Manufacturing Engineering) is in tune with the nomenclature of AICTE, but as already M.Tech. Mechanical (Production Engineering) is being offered by the university affiliated colleges and both these specializations are almost similar, thus choice of M.Tech. Mechanical (Manufacturing Engineering) has been phased out.
4. Further, it has been unanimously suggested by all the members of BOS that from the point of view of more employability of students, it will have worth to start M.Tech. Mechanical Engineering at IKGPTU Main Campus on the pattern of IIT Ropar or some other IITs. Also, M.Tech. (Mechanical Engineering) is as per the nomenclature of AICTE. Approval for the same has to be taken from the BOG and Academic Council.
5. Department of Mechanical Engineering, IKGPTU Main Campus shall propose a study scheme and detailed syllabus/ contents of various subjects for M.Tech. (Mechanical Engineering) based on the contents of similar subjects taught in various IIT's. The proposed study scheme and detailed syllabus/ contents of various subjects will be discussed and finalised in the next meetings of BOS.
6. It has been strongly recommended that the study scheme and syllabus of UG and PG programs to be offered at IKGPTU Main Campus and its affiliated colleges/ institutions (except autonomous colleges/institutions as per UGC) should be same if the nomenclature of the program is same. Further, BOS recommended that in case IKGPTU decides to have separate syllabus, then nomenclature of the course/program should be different.

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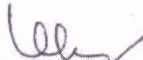
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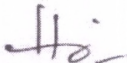
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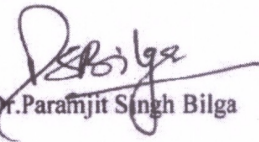
Most important recommendation based on current observation:

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


Dr. Vikas Chawla


Dr. Harwinder Singh



Dr. Om Pal Singh

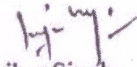

Dr. Paramjit Singh Bilga


Dr. Neelkanth Grover


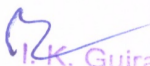

Dr. Dilbag Singh


Dr. Sumit Jain


Dr. Deepak Kumar Goyal


Dr. Jujhar Singh


Dr. Amoljit Singh Gill



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L.K. Gujral Punjab Technical University
(Minutes of Meeting)

Date: 10/07/2017

Board of Studies of Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on July 10th, 2017 at 11:00 in the conference hall, Department of Academics, G+3 Building, main campus, I.K. Gujral Punjab Technical University, Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was:

- To discuss the skeleton and syllabus of M.Tech. Mechanical Engineering.
- To discuss and study suggestions regarding the new scheme of B.Tech proposed by Dean Academic Office. The syllabus is likely to be revised for 2018-19.
- To discuss any other matter with the permission of Chair.

Following members of the BOS were present and actively participated:

1. Dr. Vikas Chawla, Chairman (Professor & Head M.E.D., IKGPTU Main Campus)
2. Dr. Buta Singh Sidhu, Special Invitee (Dean P&D, MRSPTU, Bathinda)
3. Dr. S.P. Singh, Member (Professor, M.E.D., IIT Delhi)
4. Dr. Harwinder Singh, Member (Professor, M.E.D., GNDEC, Ludhiana)
5. Dr. Om Pal Singh, Member (Professor, M.E.D., BCET, Gurdaspur)
6. Dr. Paramjit Singh Bilga, Member (Professor, M.E.D., GNDEC, Ludhiana)
7. Dr. Neelkanth Grover, Member (Assoc. Professor, M.E.D., IKGPTU Main Campus)
8. Dr. Dilbag Singh, Member (Assoc. Professor, M.E.D., BCET, Gurdaspur)
9. Dr. Deepak Kumar Goyal, Coordinator (A. P., M.E.D., IKGPTU Main Campus)
10. Dr. Jujhar Singh, Member (A. P., M.E.D., IKGPTU Main Campus)
11. Dr. Amoljit Singh Gill, Member (A. P., M.E.D., IKGPTU Main Campus)

Following members of BOS could not attend the meeting:

1. Dr. Dinesh Kumar, Member (Professor, M.E.D., IIT Roorkee)
2. Dr. Ajay Batish, Member (Professor, M.E.D., Thapar Univ., Patiala)
3. Dr. Sumit Jain, Member (Assoc. Professor, CTIMT, Jalandhar)
4. S. Navdeepak Sandhu, Member (Dy. Director, CR&A, IKGPTU)

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L.K. Gujral Punjab Technical
University Amritsar Campus,
Inside Govt. Polytechnic College

The Board has taken the following decisions:

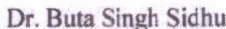
1. The skeleton of M.Tech. Mechanical Engineering was discussed and finalised. The same is attached herewith. Further, it has been recommended to adopt the same for the session 2017-2018.
2. The task of designing the detailed syllabus of various courses of 1st semester of M.Tech. Mechanical Engineering have been assigned to following members:

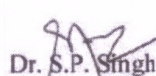
Subject	BOS Members
Advanced Engineering Materials	Dr. Buta Singh Sidhu Dr. Vikas Chawla Dr. Jujhar Singh
Finite Element Analysis	Dr. S.P.Singh Dr. Neel Kanth Grover
Advanced Design of Mechanical Systems	Dr. S.P.Singh Dr. Harwinder Singh Dr. Amoljit Singh Gill
Operations Management	Dr. Om Pal Singh Dr. Dilbag Singh Dr. Deepak Kumar Goyal
Advanced Thermodynamics	Dr. Paramjit Singh Bilga Dr. Neel Kanth Grover

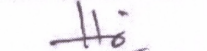
The members are requested to complete the given task within one week.

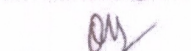
3. It has been suggested that if a student selects all the three elective subjects from the same group of electives and also completes his/her project and dissertation in the same field, he/she may be awarded a separate/ additional certificate indicating the more concentration in particular field e.g. Manufacturing, Industrial, Design or Thermal Engineering of his/her M.Tech. degree.
4. Regarding the proposed new study scheme of B.Tech. for the session 2018-19, it has been recommended that the new study scheme should be as per the UGC guidelines related to the same for the session 2018-19.


Dr. Vikas Chawla


Dr. Buta Singh Sidhu

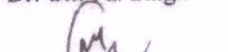

Dr. S.P. Singh

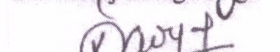

Dr. Harwinder Singh

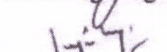

Dr. Om Pal Singh



Dr. Paramjit Singh Bilga


Dr. Dilbag Singh


Dr. Neel Kanth Grover


Dr. Deepak Kumar Goyal


Dr. Jujhar Singh


Dr. Amoljit Singh Gill

**Study Scheme of M.Tech. Mechanical Engineering
(2017 Admission Batch Onwards)**

SEMESTER 1 st		Contact Hours/Week			Maximum Marks			Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.	Total	
XXXX	Advanced Engineering Materials	4	0	0	50	100	150	4
XXXX	Finite Element Analysis	3	1*	0	50	100	150	4
XXXX	Advanced Design of Mechanical Systems	3	1*	0	50	100	150	4
XXXX	Operations Management	4	0	0	50	100	150	4
XXXX	Advanced Thermodynamics	4	0	0	50	100	150	4
Total		18	2	0	250	500	750	20
Total Contact Hours/Week = 20								
* Tutorials involve problems solving sessions including practice on relevant software								

SEMESTER 2 nd		Contact Hours/Week			Maximum Marks			Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.	Total	
XXXX	Research Methodology	3	1*	0	50	100	150	4
XXXX	Tribology	4	0	0	50	100	150	4
XXXX	Modern Manufacturing Processes	4	0	0	50	100	150	4
XXXX	Computational Fluid Dynamics	3	1*	0	50	100	150	4
XXXX	Elective -I	4	0	0	50	100	150	4
Total		18	2	0	250	500	750	20
Total Contact Hours/Week = 20								
* Tutorials involve problems solving sessions including practice on relevant software								

SEMESTER 3 rd		Contact Hours/Week			Maximum Marks			Credits
Subject Code	Subject Name	L	T	P	Int.	Ext.	Total	
XXXX	Elective-II	4	0	0	50	100	150	4
XXXX	Elective-III	4	0	0	50	100	150	4
XXXX	Project	-	-	12	50	50	100	6
XXXX	Seminar	-	-	4	100	--	100	2
Total		8	0	16	250	250	500	16
Total Contact Hours/Week = 16								

SEMESTER 4 th		Contact Hours/Week			Evaluation Criteria	Credits
Subject Name		L	T	P		
Dissertation		0	0	28	Satisfactory/Unsatisfactory	14
Total Contact Hours/Week = 28						

Total Credits for the Programme: 70

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List of Electives (Manufacturing & Industrial Engineering)

1. Advanced Welding Technology
2. Advanced Metal Forming Processes
3. Automation and Robotics
4. Advanced Material Characterization Techniques
5. Rapid Prototyping
6. Advanced Metal Cutting
7. Advanced Casting Processes
8. Maintenance and Reliability Engineering
9. Supply Chain Management
10. Quality Assurance
11. Computer Integrated Manufacturing
12. Product Design and Development

List of Elective (Design)

1. Computer Aided Engineering
2. Engineering Design Optimization
3. Advanced Vibration Engineering
4. Robot Manipulators: Kinematics, Dynamics and Control
5. Mechatronics
6. Dynamics of Rotating Machines
7. Experiential Stress Analysis
8. Sustainable Design and Manufacturing
9. Vibration and Noise Control
10. Composite Materials
11. Instrumentation and Control Engineering
12. Modelling and Simulation of Dynamic Systems

List of Elective (Thermal)

1. Design of Internal Combustion Engines
2. Advanced Internal Combustion Engines
3. Design of Steam Turbine
4. Convective Heat Transfer
5. Advanced Fluid Mechanics
6. Combustion Engineering
7. Conductive & Radiative Heat Transfer
8. Solar Energy Utilization
9. Alternative Refrigeration and Air Conditioning Techniques
10. Design of HVAC systems
11. Design and Optimization of Thermal Systems
12. Advanced Heat and Mass Transfer

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Date: 15/12/2017

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on December 15th, 2017 at 11:00 in the conference hall, Department of Academics, G+3 Building, main campus, I.K. Gujral Punjab Technical University, Jalandhar, Jalandhar-Kapurthala highway, Punjab.

- To discuss and finalise the syllabus of M.Tech Mechanical Engineering 2nd semester onwards.
- To discuss the syllabus of B.Tech 1st year subjects related to Mechanical Engineering for the coming session.
- To discuss any other matter with the permission of Chair.

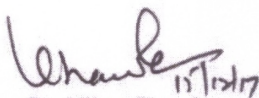
1. Dr. Vikas Chawla, Professor & Head, Department of Mechanical Engg., IKGPTU, Kapurthala
2. Dr. Om Pal Singh, Professor, Department of Mechanical Engg, BCET, Gurdaspur
3. Dr. Neelkanth Grover, Assoc. Prof. Department of Mechanical Engg, IKGPTU, Kapurthala
4. Dr. Deepak Kumar Goyal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
5. Dr. Jujhar Singh, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
6. Dr. Amoljit Singh Gill, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
7. Er. Navdeepak Sandhu, Dy. Director CR&A, IKGPTU, Kapurthala
8. Dr. Manoj Mittal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
9. Dr. Vivek Aggarwal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
10. Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTU Alumni)
11. Dr. Amit Bansal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)

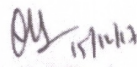
1. Dr. Buta Singh Sidhu, Dean Planning, MRSPTU, Bathinda (Special invitee)*
2. Dr. S.P. Singh, Professor, IIT, Delhi*
3. Dr. Dinesh Kumar, Professor, IIT, Roorkee
4. Dr. Ajay Batish, Professor, Thapar University
5. Dr. Harwinder Singh, Professor, Department of Mechanical Engg, GNDEC, Ludhiana*
6. Dr. Paramjit Singh Bilga, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
7. Dr. Dilbag Singh, Asso. Prof. Department of Mechanical Engg, BCET, Gurdaspur*
8. Dr. Sumit Jain, Assoc. Prof., Department of Mechanical Engg, CTIMT, Jalandhar
9. Er. Sumit Bansal, BHEL, Goindwal Sahib (Special invitee from industry)*

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Alvin 15/12/17
Bush 15/12/17
VV 15/12/17
Iggy 15/12/17
DS 15/12/17
Qing 15/12/17

The Board has taken the following decisions:

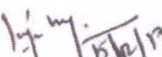
1. The scheme of M.Tech. Mechanical Engineering was discussed and list of elective subjects has been revised. Revised and finalised list of elective subjects is attached herewith. (Annexure-I)
2. The syllabus of M.Tech. Mechanical Engineering 2nd semester onwards was discussed and finalised (Details are attached as Annexure II).
3. It was suggested that the scheme of 1st year as per AICTE Model Curriculum issued in November 2017 for the first year undergraduate Degree Courses in Engineering & Technology (B.Tech.) to be adopted by the university w.e.f. session 2018-2019 for the admission batch 2018-19 onwards.
4. The syllabus of Mechanical Engineering subjects offered in B.Tech. 1st year was discussed and the task of designing the detailed syllabus of Engineering Graphics & Design is assigned to the team of Dr. Vikas Chawla, Dr. Amoljit Singh and Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTU Alumni). The team will submit the same by 15th January, 2018.


Dr. Vikas Chawla


Dr. Om Pal Singh


Dr. Neelkanth Grover

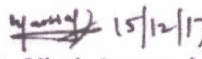

Dr. Deepak Kumar Goyal


Dr. Jujhar Singh


Dr. Amoljit Singh Gill



Er. Navdeepak Sandhu


Dr. Manoj Mittal


Dr. Vivek Aggarwal


Dr. Amit Bansal


Er. Sewa Singh


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Amritsar-143105 Punjab.
Ph:- 0183-2450034, 7087364656



Annexure - I

List of Elective Subjects for M. Tech. Mechanical Engineering

List of Electives (Manufacturing & Industrial Engineering)

1. Advanced Welding Technology
2. Automation and Robotics
3. Advanced Material Characterization Techniques
4. Rapid Prototyping
5. Advanced Metal Cutting
6. Advanced Casting Processes
7. Maintenance and Reliability Engineering
8. Supply Chain Management
9. Product Design and Development

List of Elective (Design)

1. Engineering Design Optimization
2. Advanced Vibration Engineering
3. Mechatronics
4. Dynamics of Rotating Machines
5. Experiential Stress Analysis
6. Sustainable Design and Manufacturing
7. Vibration and Noise Control
8. Composite Materials
9. Instrumentation and Control Engineering

List of Elective (Thermal)

1. Advanced Internal Combustion Engines
2. Design of Steam Turbine
3. Convective Heat Transfer
4. Combustion Engineering
5. Conductive & Radiative Heat Transfer
6. Solar Energy Utilization
7. Design of HVAC systems
8. Design and Optimization of Thermal Systems
9. Advanced Heat and Mass Transfer

Note:

- (A) Student can opt Elective I, II & III subjects from the entire list electives as above.
- (B) If a student selects all the three elective subjects from the same group of electives and also completes his / her project and dissertation in the same field, he / she may be awarded a separate / additional certificate indicating the more concentration in a particular field e.g. Manufacturing and Industrial, Design or Thermal of his / her M. Tech degree.

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1. K. Gujral Punjab Technical
University Amritsar Campus,
Inside Govt. Polytechnic College,
Near CNDU, G. T. Road, P.O. Chhobera,
Amritsar

I.K. Gujral Punjab Technical University
(Minutes of Meeting)

Date: 06/04/2018

Board of Studies of Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on April 6th, 2018 at 11:00 a.m. in the conference hall, Department of Academics, G+3 Building, main campus, I.K. Gujral Punjab Technical University, Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was:

- To discuss and finalise the scheme of M.Tech Mechanical Engineering for the coming session.
- To discuss and finalise the syllabus of B.Tech 1st year subjects related to Mechanical Engineering for the coming session.
- To discuss any other matter with the permission of Chair.

Following members of BOS and special invitees were present and actively participated:

1. Dr. Vikas Chawla, Professor & Head, Department of Mechanical Engg., IKGPTU, Kapurthala
2. Dr. Om Pal Singh, Professor, Department of Mechanical Engg, BCET, Gurdaspur
3. Dr. Harwinder Singh, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
4. Dr. Dilbag Singh, Assoc. Prof. Department of Mechanical Engg, BCET, Gurdaspur
5. Dr. Neelkanth Grover, Assoc. Prof. Department of Mechanical Engg, IKGPTU, Kapurthala
6. Dr. Deepak Kumar Goyal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
7. Dr. Jujhar Singh, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
8. Er. Navdeepak Sandhu, Dy. Director CR&A, IKGPTU, Kapurthala
9. Dr. Manoj Mittal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
10. Dr. Vivek Aggarwal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
11. Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTU Alumni)
12. Dr. Amit Bansal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)

Following members of BOS and special invitees could not attend the meeting:

1. Dr. Buta Singh Sidhu, Dean Planning, MRSPTU, Bathinda (Special invitee)
2. Dr. S.P. Singh, Professor, IIT, Delhi
3. Dr. Dinesh Kumar, Professor, IIT, Roorkee
4. Dr. Ajay Batish, Professor, Thapar University
5. Dr. Paramjit Singh Bilga, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
6. Dr. Sumit Jain, Assoc. Prof., Department of Mechanical Engg, CTIMT, Jalandhar
7. Dr. Amoljit Singh Gill, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
8. Er. Sumit Bansal, BHEL, Goindwal Sahib (Special invitee from industry)

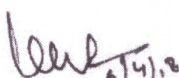
6/4/18


I.K. Gujral Punjab Technical
University Amritsar Campus,
Inside Govt. Polytechnic College,
Near GNDU, T. B. Road, Amritsar

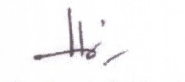
The Board has taken the following decisions:

1. It was discussed and finalised that the study scheme and syllabus of M. Tech Thermal Engineering are to be adopted same as AICTE Model Curriculum for 'M. Tech. Mechanical Engineering Specialization: Thermal Engineering' for the batch 2018-19 onwards. The copy attached as Annexure-A.
2. It was discussed and finalised that the syllabus of B. Tech 1st year (common to all branches) subjects related to BOS Mechanical Engineering (1. Engineering Graphics & Design, 2. Workshop/Manufacturing Practices) are to be adopted same as AICTE Model Curriculum for the batch 2018-19 onwards. The copy attached as Annexure-B.
3. The study scheme and syllabus of B. Tech. Mechanical Engineering for the batch 2018-19 onwards (3rd to 8th Semester) will be discussed and finalised in the next BOS meeting.
4. The subject codes for the all the subjects/courses will be decided by Academics Department, IKGPTU as per their pattern.
5. The study scheme and syllabus for the following B. Tech. and M. Tech. programmes will be revised after issuance of Model Curriculum by AICTE for the same or as decided by competent authority.
 - B. Tech. Automation & Robotics (Study scheme & syllabus of 3rd to 8th Sem.)
 - B. Tech. Automobile Engineering (Study scheme & syllabus of 3rd to 8th Sem.)
 - B. Tech. Industrial Engineering (Study scheme & syllabus of 3rd to 8th Sem.)
 - B. Tech. Production Engineering (Study scheme & syllabus of 3rd to 8th Sem.)
 - B. Tech. Tool Engineering (Study scheme & syllabus of 3rd to 8th Sem.)
 - M. Tech. Industrial Engineering (Study scheme & syllabus of 1st to 4th Sem.)
 - M. Tech. Mechanical Engineering (Study scheme & syllabus of 1st to 4th Sem.)
 - M. Tech. Production Engineering (Study scheme & syllabus of 1st to 4th Sem.)
 - M. Tech. CAD / CAM (Study scheme & syllabus of 1st to 4th Sem.)

The meeting ended with the vote of thanks to the chair.


Dr. Vikas Chawla

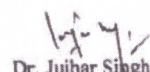

Dr. Om Pal Singh


Dr. Harwinder Singh

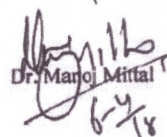

Dr. Dillip Singh


Dr. Neelam Grover

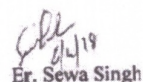

Dr. Deepak Kumar Goyal

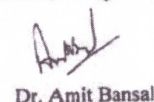

Dr. Jujhar Singh



Er. Navdeepak Sandhu


Dr. Manoj Mittal


Dr. Vivek Aggarwal


Er. Sewa Singh


Dr. Amit Bansal


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Amritsar-143105 Punjab.
Ph:- 0183-2450034, 7087364656

I.K. Gujral Punjab Technical University

Date: 06/07/2018

(Minutes of Meeting)

Board of Studies of Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on July 6th, 2018 at 11:00 a.m. in the conference hall, Department of Academics, G+3 Building, main campus, I.K. Gujral Punjab Technical University, Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was:

- To discuss and finalise the syllabus of B. Voc. (Automobile Servicing, Automotive Manufacturing Technology and Refrigeration & Air Conditioning) Courses offered by AICTE for the admission year 2018-19.

Following members of BOS and special invitees were present and actively participated:

1. Dr. Vikas Chawla, Professor & Head, Department of Mechanical Engg., IKGPTU, Kapurthala
2. Dr. Buta Singh Sidhu, Dean Planning, MRSPTU, Bathinda (Special invitee)
3. Dr. Om Pal Singh, Professor, Department of Mechanical Engg, BCET, Gurdaspur
4. Dr. Paramjit Singh Bilga, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
5. Dr. Neelkhant Grover, Asso. Prof. Department of Mechanical Engg, IKGPTU, Kapurthala
6. Dr. Dilbag Singh, Asso. Prof. Department of Mechanical Engg, BCET, Gurdaspur
7. Dr. Deepak Kumar Goyal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
8. Dr. Jujhar Singh, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
9. Dr. Amoljit Singh Gill, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
10. Dr. Manoj Mittal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
11. Dr. Vivek Aggarwal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
12. Dr. Amit Bansal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
13. Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTU Alumni)
14. Dr. R.K. Narula, Asstt. Prof., Department of Mathematics, IKGPTU, Kapurthala (Special invitee on the spot)
15. Dr. Gaurav Bhargava, Assoc. Prof., Department of Chemistry, IKGPTU, Kapurthala (Special invitee on the spot)
16. Dr. Amit Sarin, Assoc. Prof., Department of Physics, IKGPTU, Kapurthala (Special invitee on the spot)
17. Dr. Amit Gupta, Asstt. Prof., Department of ECE, IKGPTU, Kapurthala (Special invitee on the spot)

Following members of BOS could not attend the meeting:

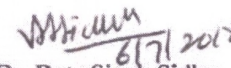
1. Dr. S.P. Singh, Professor, IIT, Delhi
2. Dr. Dinesh Kumar, Professor, IIT, Roorkee
3. Dr. Ajay Batish, Professor, Thapar University
4. Dr. Harvinder Singh, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
5. Dr. Sumit Jain, Asso. Prof., Department of Mechanical Engg, CTIMT, Jalandhar
6. Er. Navdeepak Sandhu, Dy. Director CR&A, IKGPTU, Kapurthala

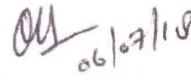
The Board has taken the following decisions:

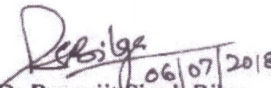
1. Members of the BOS discussed and finalised the curriculum for Level 3 semester I & Level 3 semester II only. The curriculum for Level 4, Level 5, Level 6 and Level 7 will be discussed in subsequent BOS meetings.
2. In the model curriculum for B.Voc./D.Voc. in Automotive Manufacturing Technology, following points have been suggested:
 - (a) During Level 3, semester I in On-Job-Training (OJT)/ Qualification Packs, Auto Body Technician level 3 (ASC/Q 1410) course should be must.
 - (b) During Level 3, semester II in On-Job-Training (OJT)/ Qualification Packs, Automotive Service Technician level 3 (ASC/Q 1401) & Casting Technician Level 3 (ASC/Q 3202) courses should be included and anyone from these two can be opted by the students.
 - (c) The detailed curriculum for 1st year is accepted as proposed by AICTE with minor modifications in their content (attached herewith).
3. In the model curriculum for B.Voc./D.Voc. in Automobile Servicing, following points have been suggested:
 - (a) During Level 3, semester I in On-Job-Training (OJT)/ Qualification Packs, Automotive Service Technician level 3 (ASC/Q 1401) course should be must.
 - (b) During Level 3, semester II in On-Job-Training (OJT)/ Qualification Packs, Auto Body Technician level 3 (ASC/Q 1410) & Casting Technician Level 3 (ASC/Q 3202) courses should be included and anyone from these two can be opted by the students.
 - (c) The detailed curriculum for 1st year is accepted as proposed by AICTE with minor modifications in their content (attached herewith).
4. In the model curriculum for B.Voc./D.Voc. in Refrigeration and Air Conditioning, following points have been suggested:
 - (a) During Level 3, semester I in On-Job-Training (OJT)/ Qualification Packs, Field Technician-Refrigeration (ELE/Q 3103) course should be must.
 - (b) During Level 3, semester II in On-Job-Training (OJT)/ Qualification Packs, Operator -Conventional Training (CSC/Q 0110) and Fitter-Fabrication (CSC/Q 0303) courses should be included and anyone from these two can be opted by the students.

(c) The detailed curriculum for 1st year is accepted as proposed by AICTE with minor modifications in their content (attached herewith).

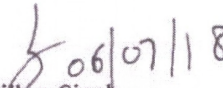

Dr. Vikas Chawla


Dr. Buta Singh Sidhu

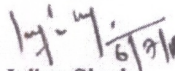

Dr. Om Pal Singh

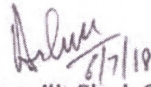

Dr. Paramjit Singh Bilga


Dr. Neelkanth Grover

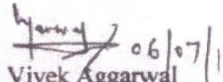

Dr. Dittbag Singh


Dr. Deepak Kumar Goyal

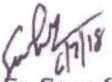

Dr. Jujhar Singh

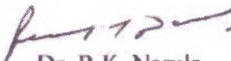

Dr. Amoljit Singh Gill

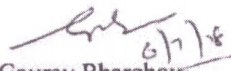

Dr. Manoj Mittal


Dr. Vivek Aggarwal


Dr. Amit Bansal

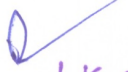

Er. Sewa Singh


Dr. R.K. Narula


Dr. Gaurav Bhargava


Dr. Amit Sarin


Dr. Amit Gupta


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IK GUJRAL PUNJAB TECHNICAL UNIVERSITY
(Department of Academics)

Ref. No. 14637U/ME/2642

Date: 29/01/2019

Dr. Vikas Chawla, Professor & In-charge, IKGPTU, Hoshiarpur Campus, Hoshiarpur (Chairman, BOS)
 Dr. R.P. Singh, Professor (Rtd.) (Special invitee)
 Dr. Buta Singh Sidhu, Dean Planning, MRSPTU, Bathinda (Special invitee)
 Dr. S.P. Singh, Professor, IIT, Delhi
 Dr. A.S. Buttar, Assoc. Prof. & Head, Deptt. of ECE, IKGPTU, Kapurthala (Special invitee)
 Dr. Vinay Gupta, Professor, Department of Mechanical Engg. Pbi. Univ., Patiala (Special invitee)
 Dr. Harwinder Singh, Professor, Department of Mechanical Engg. GNDEC, Ludhiana
 Dr. Om Pal Singh, Professor, Department of Mechanical Engg. BCET, Gurdaspur
 Dr. Paramjit Singh Bilga, Professor, Department of Mechanical Engg. GNDEC, Ludhiana
 Dr. Neelkanth Grover, Assoc. Prof. & Head, Department of Mechanical Engg. IKGPTU, Kapurthala
 Dr. Dilbag Singh, Assoc. Prof., Department of Mechanical Engg. BCET, Gurdaspur
 Dr. Sumit Jain, Assoc. Prof., Department of Mechanical Engg. CTIMT, Jalandhar
 Dr. Amit Sarin, Assoc. Prof. & Head, Deptt. of Physical Sciences, IKGPTU, Kapurthala (Special invitee)
 Dr. Ashish Arora, Assoc. Prof. & Head, Deptt. of Mathematical Sciences, IKGPTU, Kapurthala (Special invitee)
 Dr. Jagmeet Bawa, Asstt. Prof., IRCU/HVE, IKGPTU, Kapurthala (Special invitee)
 Dr. Niraj Bala, Assoc. Prof. & Head, RIC, BBSBEC, Fatehgarh Sahib (Special invitee)
 Dr. Deepak Kumar Goyal, Asstt. Prof., Department of Mechanical Engg. IKGPTU, Kapurthala
 Dr. Jujhar Singh, Asstt. Prof., Department of Mechanical Engg. IKGPTU, Kapurthala
 Dr. Amoljat Singh Gill, Asstt. Prof., Department of Mechanical Engg. IKGPTU, Kapurthala
 Er. Navdeepak Sandhu, Dy. Director CR&A, IKGPTU, Kapurthala
 Dr. Manoj Mittal, Asstt. Prof., Department of Mechanical Engg. IKGPTU, Kapurthala (Special invitee)
 Dr. Vivek Aggarwal, Asstt. Prof., Department of Mechanical Engg. IKGPTU, Kapurthala (Special invitee)
 Dr. Amit Bansal, Asstt. Prof., Department of Mechanical Engg. IKGPTU, Kapurthala (Special invitee)
 Er. Samit Bansal, BHEL, Goidwal Sahib (Special invitee from industry)
 Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTE Alumnus)

Subject: Meeting of Board of Studies Mechanical Engineering/ Production Engineering/ Industrial / Automobile Engineering.

Sir/ Madam

A meeting of the above said members of Board of Studies **Mechanical Engineering/ Production Engineering/ Industrial / Automobile Engineering & special invitees** is scheduled to be held on **February 7th, 2019 at 11:00 a.m.** in **the conference hall, Department of Academics, G-3 Building, I.K. Gujral Punjab Technical University Jalandhar, Jalandhar-Kapurthala highway, Punjab.**

The agenda of the meeting is:

- To discuss and upgrade the scheme & syllabus of B.Tech. (Mechanical Engineering) from 3rd to 8th semester
- To discuss any other matter with the permission of Chair.

The scheme & syllabus for UG programme of Mechanical Engineering of BCET, Gurdaspur, GNE Ludhiana and AICTE Model curriculum are attached herewith for your kind reference.

You are requested to participate and contribute through your suggestions. Kindly confirm your participation in the said meeting through e-mail dr.deepakgoyal@ptu.ac.in or through SMS at 9465884836.

TA/DA & Honorarium will be paid as per the University norms. Kindly bring the information of your bank account number and IFSC code of your bank as payment will be directly credited into your account. A word in reply will be appreciated.

Chairman, BOS, IKGPTU

Cc:

Dean Academics for information

Department of Academics, G-3 Building, 2nd Floor, Jalandhar-Kapurthala Highway, Near Science City,
Kapurthala-144603, PUNJAB Ph. 01822-662553, 662570

**I. K. Gujral Punjab Technical
University Amritsar Campus,
Inside Govt. Polytechnic College,
Near GNDU, G. T. Road, P.O. Chhaharia,
Amritsar-143001**

I.K. Gujral Punjab Technical University Date: 07/02/2019
(Minutes of Meeting)

Board of Studies of Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on February 7th, 2019 at 11:00 a.m. in the conference hall, R.I.C. Department, G+3 Building, I.K. Gujral Punjab Technical University, Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was:

- To discuss and upgrade the scheme & syllabus of B.Tech. (Mechanical Engineering) from 3rd to 8th semester.
- To discuss any other matter with the permission of Chair.

Following members of BOS and special invitees were present and actively participated:

1. Dr. Vikas Chawla, Professor & In-charge, IKGPTU Hoshiarpur Campus, Hoshiarpur (Chairman, BOS)
2. Dr. R.P. Singh, Professor (Rtd.) (Special invitee)
3. Dr. Vinay Gupta, Professor, Department of Mechanical Engg, Pbi. Univ., Patiala (Special invitee)
4. Dr. Om Pal Singh, Professor, Department of Mechanical Engg, BCET, Gurdaspur
5. Dr. Neelkanth Grover, Assoc. Prof. & Head, Department of Mechanical Engg, IKGPTU, Kapurthala
6. Dr. Dilbag Singh, Assoc. Prof., Department of Mechanical Engg, BCET, Gurdaspur
7. Dr. Jagmeet Bawa, Asstt. Prof., IRCUHE, IKGPTU, Kapurthala (Special invitee)
8. Dr. Deepak Kumar Goyal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
9. Dr. Jujhar Singh, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
10. Dr. Amoljit Singh Gill, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
11. Er. Navdeepak Sandhu, Dy. Director CR&A, IKGPTU, Kapurthala
12. Dr. Vivek Aggarwal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
13. Dr. Amit Bansal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)

Following members of BOS could not attend the meeting:

1. Dr. Buta Singh Sidhu, Dean Planning, MRSPTU, Bathinda (Special invitee)
2. Dr. S.P. Singh, Professor, IIT, Delhi
3. Dr. Harwinder Singh, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
4. Dr. Paramjit Singh Bilga, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
5. Dr. Sumit Jain, Assoc. Prof., Department of Mechanical Engg, CTIMT, Jalandhar
6. Dr. Amit Sarin, Assoc. Prof. & Head, Deptt. of Physical Sciences, IKGPTU, Kapurthala (Special invitee)
7. Dr. Ashish Arora, Assoc. Prof. & Head, Deptt. of Mathematical Sciences, IKGPTU, Kapurthala (Special invitee)
8. Dr. Niraj Bala, Assoc. Prof. & Head, RIC, BBSBEC, Fatehgarh Sahib (Special invitee)
9. Dr. Manoj Mittal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
10. Er. Sumit Bansal, BHEL, Goindwal Sahib (Special invitee from industry)
11. Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTU Alumni)

The Board has taken the following decisions:

1. The scheme for B.Tech. Mechanical Engineering (Batch 2018 onwards) from 3rd Semester to 8th Semester was discussed and finalised (attached herewith as Annexure-I)

[Handwritten signatures and dates at the bottom of the page:]

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I.K. Gujral Punjab Technical University

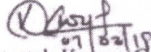
2. The team of faculty members have been constituted to propose the detailed contents of the syllabus of various subject of 3rd and 4th semester (Mechanical Engineering) as per following details:

Sr. No.	Semester	Subject	Faculty Member(s)
1	3 rd	Fluid Mechanics	Dr. Neelkanth Grover Dr. Vivek Aggarwal
2	3 rd	Theory of Machines-I	Dr. Deepak Kumar Goyal Dr. Amit Bansal
3	3 rd	Machine Drawing	Dr. Vikas Chawla
4	3 rd	Basic Electronics Engineering	Chairman, BOS (ECE)
5	3 rd	Strength of Materials-I	Dr. Vinay Gupta Dr. Amoljit Singh Gill
6	3 rd	Applied Thermodynamics-I	Dr. R.P. Singh Dr. Jujhar Singh
7	3 rd	Mech. Engg. Lab-I (SOM, TOM-I, Fluid Mechanics)	Dr. Neelkanth Grover, Dr. Jujhar Singh, Dr. Amoljit Singh
8	4 th	Applied Thermodynamics-II	Dr. R.P. Singh Dr. Jujhar Singh
9	4 th	Fluid Machines	Dr. Neelkanth Grover Dr. Vivek Aggarwal
10	4 th	Strength of Materials-II	Dr. Vinay Gupta Dr. Amoljit Singh Gill
11	4 th	Materials Engineering	Dr. Dilbag Singh Dr. Om Pal Singh
12	4 th	Theory of Machines-II	Dr. Deepak Kumar Goyal Dr. Amit Bansal
13	4 th	Environmental Science	Chairman, BOS (Chemical Sciences)
14	4 th	Mechanical Engg. Lab-II (Applied Thermodynamics, Fluid Machines, Material Engineering)	Dr. Jujhar Singh Dr. Neelkanth Grover Dr. Dilbag Singh

3. Subject codes and open elective subjects will be decided in next BOS meeting.

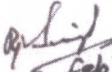

Dr. Vikas Chawla



Dr. Om Pal Singh



Dr. Deepak Kumar Goyal


Dr. Vivek Aggarwal

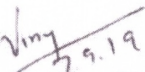

Dr. Jagmeet Bawa

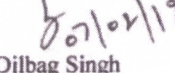

Dr. R. P. Singh

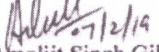

Dr. Neelkanth Grover


Dr. Jujhar Singh


Dr. Amit Bansal

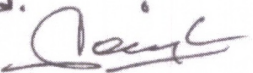

Dr. Vinay Gupta


Dr. Dilbag Singh


Dr. Amoljit Singh Gill


Er. Navdeepak Sandhu

Two papers which were decided for the meeting (related to First year) are not included.


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Amritsar-143105 Punjab.
Ph:- 0183-245000



ANNEXURE -I

Branch / course: Mechanical Engineering
Total credits (4 year course)

Semester III (Second year)
Branch/Course Mechanical Engineering

Sl. No.	Category	Code	Course Title	Hours per week			Total contact hours	Credits
				Lecture	Tutorial	Practical		
1	Professional Core courses		Fluid Mechanics	3	1	0	4	4
2	Professional Core courses		Theory of Machines -I	3	1	0	4	4
3	Professional Core courses		Machine Drawing	1	0	4	3	3
4	Engineering Science courses		Basic Electronics Engineering	3	0	0	3	3
5	Professional Core courses		Strength of Materials-I	3	1	0	4	4
6	Professional Core courses		Applied Thermodynamics-I	3	1	0	4	4
7	Professional Core courses		Mech. Engg. Lab-I (SOM, TOM-I, Fluid Mechanics)	0	0	4	4	2
Total credits								24

Semester IV (Second year)
Branch/Course Mechanical Engineering

Sl. No.	Category	Code	Course Title	Hours per week			Total contact hours	Credits
				Lecture	Tutorial	Practical		
1	Professional Core courses		Applied Thermodynamics -II	3	1	0	4	4
2	Professional Core courses		Fluid Machines	3	1	0	4	4
3	Professional Core courses		Strength of Materials-	3	1	0	4	4

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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

IKG Punjab Technical
 University
 Page 1 of 2
 Inside GATE Polytechnic College,
 Near GATE, BAF, P.O. Chandigarh,
 Amritsar
 Ph: 0183-2450000, 7037354856

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 9/11/17

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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.

1027
9/11/18

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. Ramprakash Kumar
(Assistant Professor)

Dr. Monika Sachdeva
(Chairman)

(Dean Academic)

Page 2 of 2

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

DR/A Mr. Samir
Chairperson BOS/100 CSE

Dr. Anshu Bhasin
BOS-coordinator
for needful
21/11/18

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 Verna, NIT, Jalandhar, outside Expert

Following members could not attend the meeting:

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

1 of 3

I. K. Gujral Punjab Technical
University Amritsar Campus,
Inside Punjab Engineering College,
Near GATEWAY, Amritsar,
Amritsar-141001, Punjab,
Ph: 0183-2450034, 7087384656

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

2 of 3

I.K. Gulab Technical
Univ. Amritsar
Inside
Near
Amritsar
Ph: 0183-2450034, 7057364656

IKGPTU/ 30 July

IKGPTU/CSE
30/7/18

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 Data Analytics) 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

1 of 3

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31/7/2018

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.

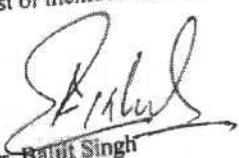
After deliberations, consent was achieved on the adoption of scheme presented for B.tech (Information Technology) 2018 onwards, based on the model proposed by AICTE. The evaluation criteria was finalised along with course codes. The board also deliberated on the inclusion of 6-8 week industrial training 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.

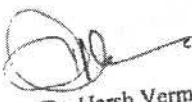
The members discussed the mapping between the courses offered through Swayam and institutions' curriculum and suggested that the feedback from other institutes should be sought to understand the current status of its implementation. Details will be hence, taken up in next BoS.

The meeting ended with a vote of thanks.

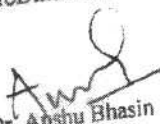
List of members for signature:

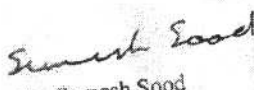

Dr. Baljit Singh


Dr. Dinesh Kumar

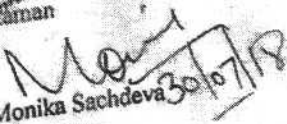

Dr. Harsh Verma


Dr. Parminder Singh

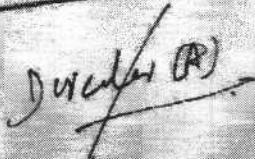

Dr. Anshu Bhasin


Dr. Sumesh Sood


Dr. Raman


Dr. Monika Sachdeva
(Chairman)

2 of 3


Dr. Gupta


Dr. Singh


Dr. Singh

IK 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.

- 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

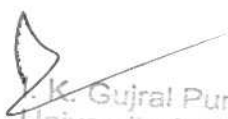
Dr. Pankaj Deep Kaur

Dr. Sumeet Kaur Sehra

Dr. Anshu Bhasin

Dr. Raman Kumar
(Board of Studies Coordinator)

Dr. Monika Sachdeva
(Chairman)



 J. K. Gujral Punjab Technical
 University Amritsar Campus,
 Inside G.D. Polytechnic College,
 Near G.H.D.S. N. E. Rd., P.O. Chheharta,
 Amritsar-143105 Punjab.
 Ph:- 0183-2450034, 7087364656

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, ONDEC, 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, ONDEC, 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/Procedia 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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Page 1 of 2

Sumesh Sood

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6/9/17

6/12/17

6/7/17

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6/3/19

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


The Board took the agenda and following decisions were taken:

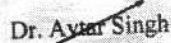
- The members deliberated on the syllabi proposed by AICTE on the 3rd and 4th semesters of B.tech-CSE 2018 onwards. The syllabi for the same is submitted along. The members recommended 5 percentage of variation from the proposed AICTE syllabi.
- The Laboratory list for each of the related courses were 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.

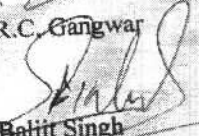

Dr. Krishan Saluja



Dr. Harsh Verma


Dr. R.C. Gangwar

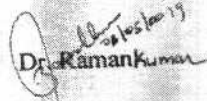

Dr. Avtar Singh Bhutar


Dr. Ashish Arora


Dr. Baljit Singh


Dr. S.K. Gupta



Dr. Sunesh Sood



Dr. Ramankumar



Dr. Anshu Bhasin


Dr. Sarbjeet Singh

Sr. Sikander



Sh. Devinder Kumar


Sh. Balbir Singh (Parent)


Mr. Rajat


Dr. Monika Sachdeva
(Chairman)

Page 2 | 2


Dr. Avtar Singh Bhutar
IKGPTU main Campus,
Near Gurgaon, Haryana
Ph: 0122-260034, 7057364656

IK 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, Deptt. 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)



U. K. Gujral Punjab Technical
University Amritsar Campus,
Inside GGS Polytechnic College,
Near C.P.D. T. Road, P.O. Chheharta,
Amritsar-141005 Punjab.
Ph:- 0183-2450034, 7087364656

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, Deptt. of CSE, GNDU Regional Campus, Jalandhar
7. Dr. Sumeet Kaur Schra, 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

1 of 3

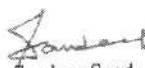
IKG Punjab Technical
University Amritsar Campus,
Inside Govt. Engineering College,
Near GNDU, Amritsar-143133 Punjab.
Ph:- 0183-2450034, 7087364656

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. Manjula 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

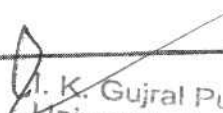

Mr. Mohit Jain
16-07-19


Mr. Ankit Gautam


Er. Rajat Khurana


Dr. Monika Sachdeva
(Chairman)

2 of 3


V. K. Gujral Punjab Technical
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Amritsar-143006 Punjab.
Ph: 0183-2450034, 7087364656



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 <ksalujaiet@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 <ksalujaiet@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

<https://mail.google.com/mail/u/0?ik=85bf7affdd&view=pt&search=all&permthid=thread-a%3Ar2502552869803182662&simpl=msg-a%3Ar2504205353...> 1/2

I.K.G Punjab Technical
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Amritsar-143105 Punjab.
Ph. - 0183-2455555

8/18/2021

Gmail - Proceedings of BOS meet held on 5th August 21

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]

<https://mail.google.com/mail/u/0?ik=85bf7affdd&view=pt&search=all&permthid=thread-a%3Ar2502552869803182662&simpl=msg-a%3Ar2504205353...> 2/2

K. Gujral Punjab Technical
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Near GNDU, J. L. Road, D. Chheharta,
Amritsar-141 005 Punjab.
Ph:- 0183-2450034, 7087364656

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:

- 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 be 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 Security, 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).



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)




Dr. Gurnal Punjab Technical
University Amritsar Campus,
Inside C.R.P. Engineering College,
Near C.R.P. Engineering College, P.O. Chheharta,
Amritsar-143006 Punjab.
Ph:- 0183-2450034, 7087364656



anshu bhasin <anshukmv@gmail.com>

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

7 messages

Wed, Jun 23, 2021 at 4:19 PM

anshu bhasin <anshukmv@gmail.com>

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

I. K. Gujral Punjab Technical
University Amritsar Campus,
Ind. Sec. 14.1 Polytechnic College,
Near HUDA, Ph. 14.150/Chiharta,
Amritsar-143 005 Punjab,
Ph:- 0183-2450034, 7087364656

181K

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.salujauet@gmail.com>

Wed, Jun 23, 2021 at 5:36 PM

[Quoted text hidden]

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

L. K. Gujral Punjab Technical
University Amritsar Campus,
Jalga Road, Punjab State College,
Near Jalandhar Cantt, Jalandhar,
Amritsar, Punjab, India
Ph: 0183 2522001, 7637364355



6/28/2021

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

-  **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

Wed, Jun 23, 2021 at 6:08 PM

Ajay Sharma <ajaysharma@acetamritsar.org>

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]

Thu, Jun 24, 2021 at 11:37 AM

Sandeep Sood <san1198@gmail.com>

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

 **Sood_hon_bos.pdf**
887K

Mon, Jun 28, 2021 at 10:07 AM

Dr. Sandeep Kad <sandeepkad@acetamritsar.org>

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,

<https://mail.google.com/mail/u/0/?ik=85bf7affdd&view=pt&search=all&permthid=thread-a%3Ar5267143148332823754&simpl=msg-a%3Ar5262185694...> 3/4

42
43

6/28/2021

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]


I. K. Gujral Punjab Technical
University Amritsar Campus,
Inside P. V. Polytechnic College,
Near D.O. C. T. Road P.O. Chheharta,
Amritsar-143105 Punjab.
Ph:- 0183-2450034, 7087364656

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 be considered keeping in line with the GATE entrance exam eligibility for M.Tech- CSE. It is reinforced here that GATE, is national level M.Tech entrance exam.

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

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

- The members appreciated the draft of PhD new scheme from Jan 2021, as proposed by the RIC department, based on the guidelines of UGC and urged its implementation.
- The mapping report of B.Sc.(CS) from Wilfrid Laurier University, Canada with B.Tech (CSE), IKGPTU was prepared and observations were recorded. **The report is enclosed along with the MoM.**
- The summer training for 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)


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