

**Minutes of 10th Board of Studies Meeting
of Computer Science and Engineering**

Department

Held on

**26th July, 2019
(Friday)**

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Committee Room, Guru Nanak Dev Engineering College,

Gill Road, Ludhiana (Pb.) – 141006

An Autonomous College under UGC Act 1956 [2(f) and 12(B)]

Guru Nanak Dev Engineering College, Ludhiana
Department of Computer Science & Engineering

Ref. No.:

Dated:

Minutes of 10th meeting of Board of Studies of Computer Science and Engineering Department held on 26.07.2019 at 10:00 am in the Committee Room, GNDEC, Ludhiana.

The following persons were present:

1. Dr. Parminder Singh, Professor & Head, Department of Computer Science and Engineering, GNDEC, Ludhiana (Chairman)
2. Prof. Amanpreet Singh Brar, Associate Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
3. Prof. Amandeep Kaur Sohal, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
4. Dr. Sumeet Kaur Sehra, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
5. Dr. Vivek Thapar, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
6. Mr. Rinku Garg, Senior Technical Lead, Fidelity Information Services India Pvt. Ltd., Chandigarh (Member)
7. Mr. Ravi Kumar, Assistant Professor, Department of CSE, Atal Bihari Vajpayee Govt. Institute of Engineering and Technology, Pragati Nagar, District Shimla. (Member)
8. Dr. Maninder Singh, Professor, Dept. of CSE, Thapar Institute of Engineering and Technology, Patiala (External Expert)
9. Dr. K.S. Gill, Dean Academics, GNDEC, Ludhiana.
10. Prof. Gagandeep Singh Sodhi, Training and Placement officer, GNDEC, Ludhiana.
11. Dr. Amit Kamra, Nominee, Controller of Examination, GNDEC, Ludhiana.

The meeting started with welcome address by chairman BOS, and the already circulated agenda was put up for discussion. Following decisions were taken unanimously:

Dr. Parminder Singh

Dr. Vivek Thapar

Dr. Maninder Singh

Er. Amanpreet Singh Brar

Nominee, COE

TPO

Er. Amandeep Kaur Sohal

Mr. Rinku Garg

Dean Academics

Dr. Sumeet Kaur Sehra

Mr. Ravi Kumar

Agenda Item 1

Discussion about course scheme 2018 of B.Tech. Computer Science and Engineering applicable to students of 2018 admission batch onwards and to finalise study scheme of 3rd and 4th semester.

Approved

Agenda Item 2

Discussion about syllabus of 3rd and 4th semester of B.Tech. Computer Science and Engineering of study scheme 2018.

Syllabus of different subjects were discussed and following suggestions were given for different subjects.

1. Course outcomes of subjects needs to be in align with NBA standards and blooms Taxonomy
2. Encourage the students to use tools like Domjudge , Hackerrank, EBox, Packet Tracer, and NS2
3. Practical Examination duration may be changed to 2 hours.
4. Practicals should be open ended for Data structures and Object Oriented Programming.

Further, Committee authorize the BOS chairman for further changes if required.

Dr. Parminder Singh

Dr. Vivek Thapar

Dr. Maninder Singh

Er. Amanpreet Singh Brar

Nominee, COE

TPO

Er. Amandeep Kaur Sohal

Mr. Rinku Garg

Dean Academics

Dr. Sumeet Kaur Sehra

Mr. Ravi Kumar

Agenda Item 3

Discussion about subjects to be offered for minor degree in Computer Science and Engineering.

1. Courses to be taken through classroom study are approved.
2. MOOC courses approved for current session and committee authorize BOS chairman along with internal members to finalize list of courses offered for minor degree from time to time and take suggestions of experts through e-mail.

Agenda Item 4

Discussion about courses to be offered through MOOC for Honour degree.

Approved for current session and committee authorize BOS chairman along with internal members to finalize list of courses offered through MOOC from time to time and take suggestions of experts through e-mail.

Agenda Item 5

Discussion about study scheme 2019 of M.Tech. Computer Science and Engineering applicable to students of 2019 admission batch onwards.

Approved

Dr. Parminder Singh

Dr. Vivek Thapar

Dr. Maninder Singh

Er. Amanpreet Singh Brar

Nominee, COE

TPO

Er. Amandeep Kaur Sohal

Mr. Rinku Garg

Dean Academics

Dr. Sumeet Kaur Sehra

Mr. Ravi Kumar

Agenda Item 6

Discussion about syllabus of subjects of M.Tech. Computer Science and Engineering study scheme 2019.

Syllabus of different subjects were discussed and following suggestions were given for different subjects.

1. SDNs, Interplanetary networks, and Delay tolerant networks can be added in Advances in Computer Networks subject.
2. Practicals need to be changed and datasets to be added in Data warehousing and data mining laboratory.
3. ECC and Stream cipher RC5 has to be added in Cryptography.
4. WPA2 to be added in Network Security.
5. Wireshark has to be deleted from Simulation and Modelling.
6. JIRA, Mycolab and Orange Scrum (Project management tools) to be added in Project Management

Further Committee authorize the BOS chairman for any further changes if required.

Dr. Parminder Singh

Dr. Vivek Thapar

Dr. Maninder Singh

Er. Amanpreet Singh Brar

Nominee, COE

TPO

Er. Amandeep Kaur Sohal

Mr. Rinku Garg

Dean Academics

Dr. Sumeet Kaur Sehra

Mr. Ravi Kumar