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

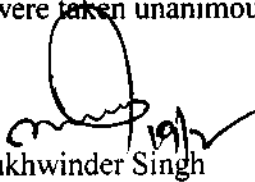Ref. No.:CS.E/.15.79   Dated: 22..:2..:19

Minutes of 9th meeting of Board of Studies of Computer Science and Engineering Department held on 19.02.2019 at 11:00 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. Dr. Sumeet Kaur Sehra, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
4. Dr. Vivek Thapar, Assistant Professor, Department of Computer Science and Engineering, GNDEC, Ludhiana (Member)
5. Dr. Sukhwinder Singh, Professor, UIET, Panjab University, Chandigarh (Member)
6. Mr. Amit Mathur, Rohe and Schwarz India Pvt. Limited, Delhi (Member)
7. Mr. Rinku Garg, Senior Technical Lead, Fidelity Information Services India Pvt. Ltd., Chandigarh (Member)
8. Mr. Harmandeep Singh Brar, Senior System Engineer, Infosys Ltd., Chandigarh (Member)
9. Dr. Maninder Singh, Professor, Dept. of CSE, Thapar Institute of Engineering and Technology, Patiala (External Expert)
10. Nominee, Dean Academics, GNDEC, Ludhiana.
11. Prof. Gagandeep Singh Sodhi, Nominee, Training and Placement, GNDEC, Ludhiana.
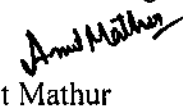12. Dr. Akshay Girdhar, Controller of Examination, GNDEC, Ludhiana.

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. Sukhwinder Singh   Dr. Maninder Singh

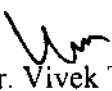Er. Amanpreet Singh Brar   Mr. Amit Mathur   Er. Gagandeep Singh Sodhi
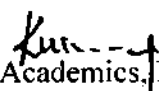
Dr. Sumeet Kaur Sehra   Mr. Rinku Garg   Dr. Akshay Girdhar

                                     Karmandeep Singh
Dr. Vivek Thapar   Mr. Harmandeep Singh Brar   Dean Academics,
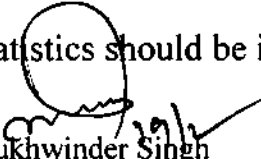
Agenda Item 1

Discussion about course scheme 2018 of B.Tech. Computer Science and Engineering applicable to students of 2018 admission batch onwards.

Suggestions:

1. Cloud based online evaluation/ assessment tools can be adopted to make evaluation transparent like ebox, skillrack etc.

2. Methods should be adopted to make curriculum industry oriented and make students industry ready.

3. MOOC's courses should be introduced in the curriculum to have flexibility in the study scheme.

4. At most five theory subjects should be taught in 3rd semester.

5. The name of object oriented programming using C++ should be renamed as object oriented programming.

6. The subject computer organization and architecture should be moved into 4th semester by merging it microprocessor architecture and programming.

7. Human values and professional ethics should be incorporated as humanities subject in 3rd semester.

8. The syllabus of Microprocessor architecture and programming should include a topic on microcontrollers.

9. The assignments given to students should be GATE oriented.

10. The topic of probability and statistics should be incorporated in syllabus.

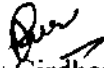Dr. Parminder Singh   Dr. Sukhwinder Singh   Dr. Maninder Singh

Er. Amanpreet Singh Brar   Mr. Amit Mathur   Er. Gajindeep Singh Sodhi
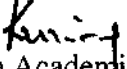
Dr. Sumeet Kaur Sehra   Mr. Rinku Garg   Dr. Akshay Girdhar

Dr. Vivek Thapar   Mr. Harmandeep Singh Brar   Dean Academics,

11. The name of data structures and algorithms should be renamed as data structures.

12. The software engineering lab should include real time case studies from industry.

13. The methodology to implement seminar effectively should be worked out.

14. The database management subject in 5th semester should be swapped with operating system subject in 4th semester.

15. Computer networks lab should include simulation tools like packet tracer, NS2 etc.

16. The sequencing and grouping of elective subjects should be done. Industry oriented electives can be added in the elective list.

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 was discussed and suggestions were given for different subjects. Committee authorize the BOS chairman for further changes if required.

Agenda Item 3

Discussion about syllabus of mandatory courses of B.Tech. Computer Science and Engineering of study scheme 2018.

Dr. Parminder Singh	Dr. Sukhwinder Singh	Dr. Maninder Singh
Er. Amanpreet Singh Brar	Mr. Amit Mathur	Er. Gagandeep Singh Sodhi
Dr. Sumeet Kaur Sehra	Mr. Rinku Garg	Dr. Akshay Girdhar
Dr. Vivek Thapar	Mr. Harmandeep Singh Brar	Dean Academics.

Syllabus of different mandatory subjects was discussed and suggestions were given for different subjects. Committee authorize the BOS chairman for further changes.

Agenda Item 4

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

The course scheme of M.Tech (CSE) 2019 was discussed and suggestions were given. Committee authorize the BOS chairman for further changes to be put up in the next BOS meeting.
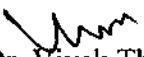
Agenda Item 5

Approval of panel of external question paper setters for end semester examinations of B.Tech.and M.Tech.
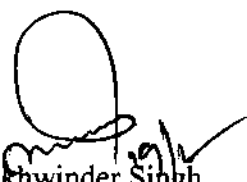
Approved

Dr. Parminder Singh

Er. Amanpreet Singh Brar

Dr. Sumeet Kaur Sehra

Dr. Vivek Thapar

Dr. Sukhwinder Singh

Mr. Amit Mathur

Mr. Rinku Garg

Mr. Harmandeep Singh Brar

Dr. Maninder Singh

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Dr. Akshay Girdhar

Dean Academics,