

**Guru Nanak Institute of Technology**  
**157/F, Nilgunj Road, Sodepur, Kolkata-114**

**Minutes of the Meeting of Board of Studies (BOS)**  
**To form “MCA Curriculum & Syllabus (Regulation 20) under Autonomy”**

**Date of the Meeting: 02/04/2021**

**Time: 12:30 PM**

**Venue: The meeting was conducted online due to COVID-19 pandemic situation**

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The meeting of **Board of Studies** to design **MCA Curriculum & Syllabus (Regulation 20)** under Autonomy of **Guru Nanak Institute of Technology** was held on 2<sup>nd</sup> April, 2021. The meeting was conducted online due to COVID-19 pandemic situation.

The following members attended the meeting:

<b>Sl</b>	<b>Name</b>	<b>Designation</b>	<b>Department, College</b>
1	Dr. Umapada Pal	Professor and Head	Computer Vision and Pattern Recognition Unit, Indian Statistical Institute, Kolkata
2	Dr. Kaushik Roy	Professor and Head	Dept. of Comp. Sc, West Bengal State University, Kolkata
3	Mr. Chiranjib Dutta	Assistant Professor & Head	Dept of CA, Guru Nanak Institute of Technology, Kolkata
4	Dr. Subhram Das	Assistant Professor & Head	Dept of CA, Narula Institute of Technology
5	Ms. Rupa Saha	Assistant Professor	Dept of CA, Narula Institute of Technology
6	Ms. Debrupa Pal	Assistant Professor	Dept of CA, Narula Institute of Technology
7	Ms. Subhasree Bhattacharjee	Assistant Professor	Dept of CA, Narula Institute of Technology
8	Ms. Somalina Chowdhury	Assistant Professor	Dept of CA Guru Nanak Institute of Technology
9	Ms. Dola Saha	Assistant Professor	Dept of CA Guru Nanak Institute of Technology

**In the meeting the following agenda were discussed:**

**AGENDA:**

- Finalization of the syllabus of MCA 2<sup>nd</sup> semester (under autonomy).

**RESOLUTIONS**

**Finalization of the syllabus of MCA 2<sup>nd</sup> semester (under autonomy)**

1. For finalization of the syllabus of MCA 2<sup>nd</sup> semester, the experts suggested few changes in the existing syllabus of Operating Systems. Common File system - FAT, FAT-32, NTFS, HTTS, EXT- 4 have been introduced. Race condition and live lock concept have also been included in the syllabus of Operating Systems (MCA20-202).
2. In the syllabus of Data Communication and Computer Networks (MCA20-204), Comparison of different models and principles of congestion control have been suggested for inclusion.
3. In the syllabus of Data Structures (MCA20-201), Kruskal's algorithm has been included.

The detailed syllabus of MCA 2<sup>nd</sup> semester (under autonomy, R-20) of each course has been finalized in the meeting.

The meeting has been ended with vote of thanks by the HOD, Dept of Computer Applications, GNIT.

**Mr Chiranjib Dutta**

Assistant Professor and HOD,  
Department of Computer Applications  
Guru Nanak Institute of Technology