Madhav Institute of Technology & Science, Gwalior-474 005

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Department of CSE & IT

Minutes of Meeting of Board of Studies (BoS) in Computer Science & Engineering and Information Technology

Date: 09/04/2019

Meeting of Board of Studies (BoS) in Computer Science & Engineering and Information Technology was held on 9th April 2019, in the department of CSE & IT, 11:00 AM Onwards. During the meeting following were present.

1.	Dr. Akhilesh Tiwari, Professor & Head	Chairman
2.	Dr. Anand Shrivastava, Dean (Innovation, R&D) and Professor, IIIT Delhi [Ex. Director & Member of CDOT Board and Adjunct faculty, IIT Delhi]	External Member (Academics) (Nominee of Hon'ble Vice Chancellor RGPV Bhopal)
3.	Dr. Goutam Sanyal, Professor, NIT Durgapur [Former Dean (AA & RG, SW, FW) and Former Head (Deptt. of CSE) NIT Durgapur]	External Member (Academics) (Nominee of Academic Council (AC), MITS Gwalior)
4.	Dr. R. K. Gupta, Professor	Member
5.	Dr. Manish Dixit, Associate Professor	Member
6.	Ms. Khushboo Agarwal, Assistant Professor	Member
7.	Mr. Punit Kumar Johari, Assistant Professor	Member
8.	Dr. Sanjiv Sharma, Assistant Professor	Member
9.	Mr. Vikas Sejwar, Assistant Professor	Member
10.	Mr. Abhilash Sonkar, Assistant Professor	Member
11.	Ms. Jaimala Jha, Assistant Professor	Member
12.	Mr. Jamvant Singh Kumare, Assistant Professor	Member
13.	Mr. Rajeev Kumar Singh, Assistant Professor	Member
14.	Ms. Neha Bhardwaj, Assistant Professor	Member
15.	Mr. Mahesh Parmar, Assistant Professor	Member
16.	Mr. R. R. Singh Makwana, Assistant Professor	Member
17.	Mr. Amit Kumar Manjhvar, Assistant Professor	Member

Faculty members of Computer Application discipline

1.	Dr. R. S. Jadon, Professor (Computer Application)
2.	Dr. Anshu Chaturvedi, Associate Professor (Computer Application)
3.	Mrs. Parul Saxena, Assistant Professor (Computer Application)

In addition to above, faculty members engaged under TEQIP-III Project and contractual faculty were also present.

The following external members could not attend the meeting. However, some of them have given their suggestions in electronic mode.

1.	Mr. Amitabh Shrivastava, Senior Consultant, TCS Noida	External Member (Industry)

(G. SANYAL)

R. K. Singh

2.	Mr. Paritosh Jain, Director (Engineering), IHS Markit, Gurgaon.	External Member (Alumnus)
3.	Dr. (Mrs.) Vrinda Tokekar, Professor, IET-DAVV, Indore	External Member (Academics)
4.	Dr. Kapil Sharma, Professor & Head, Deptt. of IT, Delhi Technological University, Delhi	External Member (Academics) (under Twinning Arrangement of TEQIP-III)
5.	Dr. Dinesh K. Vishwakarma, Associate Professor, Deptt. of IT, Delhi Technological University, Delhi	External Member (Academics) (under Twinning Arrangement of TEQIP-III)

The following students were present during the meeting:

S. No.	Name of Student	Class
1	Ms. Shivani Mittal	B.Tech. IT (VI Sem.)
2	Ms. Shubhi Singhal	B.Tech. IT (VI Sem.)
3	Mr. Nikhil Ram	B.Tech. IT (VI Sem.)
4	Mr. Sarthak Somani	B.Tech.CSE (VI Sem.)
5	Ms. Rupali Patel	B.Tech. CSE (VI Sem.)
6	Mr. Shubham Sharma	B.Tech. IT (IV Sem.)
7	Mr. Aman Singh	B.Tech. IT (IV Sem.)
8	Ms. Ruchi Singh	B.Tech. CSE (IV Sem.)
9	Ms. Sneha Bansal	B.Tech. CSE (IV Sem.)

As per the agenda of BoS meeting, following were discussed and recommended:

| ITEM CSEIT-1: | To frame the syllabi for all Departmental Core (DC) courses to be offered in the V & VI Semester under the flexible curriculum

Syllabi of all Departmental Core (DC) Courses which are to be offered during V & VI Semester (B.Tech CSE & IT programme) under flexible curriculum were discussed, finalized and recommended. The same is enclosed as Annexure-I. |
|---|---|
| ITEM CSEIT-2: | To prepare and recommend the experiment list / Lab manuals for laboratory courses to be offered in V & VI Semester under the flexible curriculum.

Experiment list of Laboratory Courses for V & VI Semester (B.Tech CSE & IT), to be offered under Flexible Curriculum were discussed, finalized and recommended. The same is enclosed as Annexure-II. |
| ITEM CSEIT-3: | To prepare the syllabi of following Mandatory Courses (MC) of V & VI Semester to be offered under the flexible curriculum.

• Indian Constitution & Traditional Knowledge
• Disaster Management |

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	Syllabi for Mandatory Courses (MC) pertaining to V & VI Semester will be framed at institution level. This has already been notified from the office of Dean (Academics) in the agenda of BoS (Item 3). Moreover, it is discussed that the same may be adopted, as recommended in the AICTE model curriculum.
ITEM CSEIT-4:	To frame the COs for all Departmental Electives (DEs) and Open Category (OC) courses up to VI Semester, to be offered under the flexible curriculum Course Outcomes (COs) for all the Departmental Electives (DEs) and Open Category (OC) courses up to VI Semester (B.Tech CSE & IT), to be offered under Flexible Curriculum were discussed, finalized and recommended. The same is enclosed as Annexure-III.
ITEM CSEIT-5:	To frame and propose the syllabi for all Departmental Electives (DEs) and Open Category (OC) courses up to VI Semester, to be offered under the flexible curriculum Syllabi of all Departmental Electives (DEs) and Open Category (OC) courses up to VI Semester (B.Tech CSE & IT), to be offered under the flexible curriculum were discussed, finalized and recommended. The same is enclosed as Annexure-IV.
ITEM CSEIT-6:	To propose lists of "Additional Courses" which can be opted for getting an (i)'Honours' (*by the students of parent department*) (ii) Minor Specialization (*by the students of other departments*) The list of Additional Courses from SWAYAM/NPTEL/MOOC based learning platforms to be offered during V Semester (B.Tech CSE & IT) (July-December 2019 session) has been discussed & recommended. The same is enclosed as Annexure-V. In this context, it is also discussed and recommended to allot the credits for NPTEL courses as per the following

Duration of NPTEL course	Credits
04 week course*	01*
08 week course	03
12 week course	04

*These courses can be offered only under seminar/self-study courses

ITEM CSEIT-7:	To propose the tentative list of courses which the students can opt from NPTEL platform for Seminar/Self Study Courses in III & V Semester The list of Courses from SWAYAM/NPTEL based learning platforms to be offered during III & V Semester (B.Tech CSE & IT) (July-December 2019 session) has been discussed & recommended. The same is enclosed as Annexure-VI.

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ITEM CSEIT-8:	To align the overall credit requirement to 170 credits for the Scheme of 2017-18 admitted batch
	The Scheme of Examination for 2017-18 admitted batch (B.Tech CSE & IT) has been adjusted to fulfill the overall credit requirement of 170. The same is enclosed as Annexure-VII.
ITEM CSEIT-9:	To identify gaps in CO attainment levels for July-December 2019 session and propose corrective measures for improvement
	The attainment level of Course Outcomes (COs) for all the courses pertaining to July-December 2019 session has been discussed. The same is enclosed as Annexure-VIII. It is observed that there are some courses where the set target value has not been attained. Therefore, it is discussed to analyze the causes and difficulty level of those courses, and take the corrective steps such as arrangement of extra / remedial classes, proper coverage & assignment of COs in Question Paper and interaction of course faculty members with the students for improvement.
ITEM CSEIT-10:	To propose/ recommend the panel of examiners (UG & PG Level) for conducting practical examination
	The panel of examiners for UG & PG programmes were discussed and recommended. The same is enclosed as Annexure-IX.
ITEM CSEIT-11:	Other matters:
	Flexible Scheme / Curriculum
	1. As suggested by Academic Council in its meeting held on 25th October 2018, the courses falling under Mandatory Course (MC) category (namely Biology for Engineers and Indian Constitution & Traditional Knowledge) will be treated as non-credit courses. Further, it is optional to appear & pass in the end semester examination. However, a separate mark sheet will be issued to those who will qualify. The necessary changes have been made in the Scheme of Examination (under flexible curriculum) for 2018-19 admitted batch (B.Tech CSE & IT). The same is enclosed as Annexure-X & XI. Moreover, it is discussed that the aforesaid changes may also be applied to the Scheme of 2017-18 admitted batch.
	2. Academic Council has also approved to rename the Course (of VIII semester B.Tech CSE & IT) titled "Innovative Technical Contribution" to "Professional Development". Accordingly, change in the title of course has been done.

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Industry Collaborative Course

1. It is discussed & recommended to run one Departmental Elective (DE) course (in each UG Programme offered by the department) as Industry Collaborative Course. Following is the detail of tentatively proposed "Industry Collaborative Courses"

S.No.	Course Name	Programme
1.	Network & Web Security	B.Tech (Computer Science & Engineering)
2.	Agile Methodology	B.Tech (Information Technology)
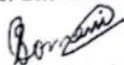
In these courses, content coverage of at least one credit is to be covered by industry person.
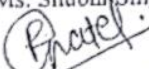
Student Representatives

(Ms. Shivani Mittal)   (Ms. Shubhi Singhal)   (Mr. Nikhil Ram)

(Mr. Sarthak Somani)   (Ms. Rupali Patel)   (Mr. Shubham Sharma)

(Mr. Aman Singh)   (Ms. Ruchi Singh)   (Ms. Sneha Bansal)

Computer Application discipline

(Mrs. Parul Saxena)   (Dr. Anshu Chaturvedi)   (Dr. R. S. Jadon)

CSE & IT discipline
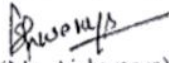
(Mr. Ram Parvesh Das)   (Ms. Juhi Pruthi)   (Ms. Shivangi Garg)   (Mr. Lav Upadhyay)

(Ms. Shweta Patel)   (Ms. Aishwarya)   (Ms. Pooja Agarwal)

9/4/19
(G. SANYAL)

(Mr. Arun Kumar)

(Ms. Julie Kumari)

(Mr. Mir Shahnawaz Ahmad)
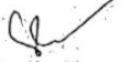
(Ms. Namrata Agarwal)
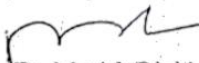
(Mr. Abhishek Dixit)

(Mr. Amit Kushwar)
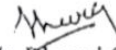
(Mr. Neha Bhardwaj)

(Ms. Jaimala Jha)

(Dr. Sanjiv Sharma)

(Dr. Manish Dixit)

(Mr. Santosh Shau)

(Ms. Sneha Garg)

(Mr. Mohit Jain)

(Mr. Dheeraj Gurjar)

(Ms. Nishtha Parashar)

(Mr. R. R. Singh Makwana)
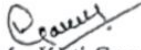
(Mr. Rajeev Kumar Singh)

(Mr. Abhilash Sonkar)

(Mr. Punit Kumar Johari)

(Dr. R. K. Gupta)

(Mr. Ratibhan)

(Mr. Adtiya Singh)

(Mr. Shoo Kumar)

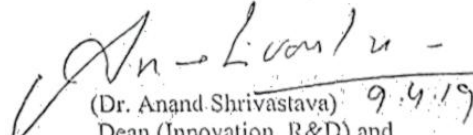(Ms. Kirti Gaur)   (Ms. Hemlata Arya)
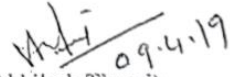
(Mr. Vishwas Srivastava)

(Mr. Mahesh Parmar)

(Mr. Jamvant Singh Kumare)

(Mr. Vikas Sejwar)

(Ms. Khushboo Agarwal)

(Dr. Goutam Sanyal)
Professor, NIT Durgapur
[Former Dean (AA & RG, SW, FW)
and Former Head (Deptt. of CSE)
NIT Durgapur]

(Dr. Anand Shrivastava)   9.4.19
Dean (Innovation, R&D) and
Professor, IIIT Delhi
[Ex. Director & Member of
CDOT Board and
Adjunct faculty, IIT Delhi]

(Dr. Akhilesh Tiwari)
Chairman- BOS (CSE & IT)