

**SVKM's NMIMS DEEMED TO BE UNIVERSITY**  
**Mukesh Patel School of Technology Management & Engineering**

**DATA SCIENCE DEPARTMENT**

**Minutes of the Meeting of Board of Studies (BoS) of Data Science Department, which was held on 22nd August 2020 at 7.00 PM on Zoom online meeting platform.**

The following members were present.

1. Bhargave Shreyas, SPM, Cap Gemini
2. Dr. Prasad Ramanathan, SVP Cap Gemini
3. Dr. Soumitra Das. SAS
4. Dr. Ajaya Panda, Associate Professor, NITIE
5. Prof. Sarada Samantaray
6. Dr. Siba Panda

The agenda of the meeting was taken into consideration as under: -

Item No	Particulars
1	<b>RESOLUTION:</b> <b>Resolved that</b> the minutes of the previous BOS meeting held on 11th Jan 2020, be confirmed.
2	<b>RESOLUTION:</b> <b>Resolved that</b> the note on action taken on the decision of the previous meeting held on 11 <sup>th</sup> January 2020 <u>be noted</u> .
3	<b>RESOLUTION:</b> <b>Resolved to recommend to the Academic Council</b> with regard to introduction of the Teaching & Examination Scheme and Syllabi of Semester VIII of B Tech in Data Science, to be made effective from academic year 2020-21 onward, <u>be approved</u> as per Encl.-1 circulated with the agenda, with a suggestion that the Teaching & Examination Scheme as suggestions made by the members be incorporated in the syllabus.  In view of the above, the Chairperson, <u>be authorized</u> to submit the revised documents directly to the <b>Academic Council</b> for further consideration.

*Alka Kaha*

Chairperson  
Dean, Board of Studies



Encl-1:



BoS Agenda doc.docx

**SVKM's Narsee Monjee Institute of Management Studies  
Mukesh Patel School of Technology Management & Engineering**

**DATA SCIENCE DEPARTMENT**

**Minutes of the Meeting of Board of Studies (BoS) of Data Science Department, which was held on 16<sup>th</sup>  
January 2021 at 11.00 AM on Zoom online meeting platform**

The following members were present.

1. Dr. Prasad Ramanathan, VP Capgemini
2. Dr. Ajaya Panda, Professor, NITIE
3. Dr. Soumitra Das, Senior Consultant, SAS
4. Mr. Shreyas Bhargave, Director – Technology, Capgemini
5. Prof. Sarada Samantaray
6. Dr. Siba Panda
7. Dr. Arindam Choudhary
8. Dr. Pranav Nerurkar
9. Prof. Jaykrishna Joshi

The agenda of the meeting was taken into consideration as under: -

Item No		Particulars
1		<b>RESOLUTION:</b> <b>Resolved that the minutes of the previous meeting held on 22<sup>nd</sup> August 2020, be confirmed.</b>
2		<b>RESOLUTION:</b> <b>Resolved that the note on action taken on the decision of the previous meeting held on 22<sup>nd</sup> August 2020 <u>be noted</u>.</b>
3(A)	(i)	<b>RESOLUTION:</b> <b>Resolved to recommend to the Academic Council with regards to changes in teaching scheme and curriculum for M. Tech Artificial Intelligence.</b> <ol style="list-style-type: none"><li>1. SEM I – Introduction business subjects (like M. Tech Data Science)</li><li>2. SEM II – Streamlined technical subjects.</li><li>3. SEM III – Business specialization with more elective choices</li></ol> <b>be approved as per (Encl. I), circulated with the agenda, with a suggestion that the structure <u>be revised</u> as per revision suggested by the members be incorporated in the structure.</b>  <b>In view of the above, the Chairperson, <u>be authorized</u> to submit the revised documents directly to the Academic Council for further consideration</b>
	(ii)	<b>RESOLUTION:</b> <b>Resolved to recommend to the Academic Council with regard to revision in the curricula of B. Tech (Data Science) by way of introduction of Structure of Semester I to VIII in supersession of existing curricula, to be made effective for the students admitted from academic year 2021-22 and direct second year students admitted from the academic year 2022-23 onwards, be approved as per (Encl. II), circulated with the agenda</b>

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Mukesh Patel School of Technology Management & Engineering**

3(B)		<p><b><u>RESOLUTION:</u></b></p> <p><b>Resolved to recommend to the Academic Council with regards to the semester swi</b>pe between semester VII and semester VIII, That means for batch 2018-22, <b>Industry Internship will be offer in semester VIII, be approved as per (Encl. III),</b> circulated with the agenda, with a suggestion that the structure <u>be revised</u> as per revision suggested by the members be incorporated in the structure.</p> <p>Justifications:</p> <ol style="list-style-type: none"><li>1. To accommodate placement during semester VII.</li><li>2. To be uniform with other branches.</li></ol> <p>In view of the above, the Chairperson, <b><u>be authorized</u></b> to submit the revised documents directly to the <b>Academic Council</b> for further consideration</p>
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**Chairperson  
Dean, Board of Studies**



**Minutes of the Meeting of Board of Studies (BoS) of Data Science Department, was held on at 7.00 PM on April 27, 2021 on Zoom online meeting platform.**

The following members were present:

1. Dr. Alka Mahajan, Dean, MPSTME
2. Dr. Prasad Ramanathan, Senior Director, Cap Gemini
3. Dr. Soumitra Das, Senior Consultant, SAS
4. Dr. Ajaya Kumar Panda, Professor, NITIE
5. Mr. Bhargave, Shreyas, Director (Technology)
6. Prof. SaradaSamantaray, HOD and Associate Dean, Data Science Department
7. Dr. Siba Panda, Assistant Professor, Data Science Department
8. Dr. ArindamChaudhuri, Associate Professor, Data Science Department
9. Prof. Jaykrishna Joshi, Assistant Professor, Data Science Department
10. Dr. Pranav Nerurkar, Assistant Professor, Data Science Department

1. The members of BoS confirmed the minutes of meetings of Board of Studies in Data Science held on 16<sup>th</sup> January 2021.
2. The members of BoS considered and deliberated upon the curricula of B. Tech Data Science (Business Analytics) semester III and IV under NEP (152 credits program). They approved the following:

**A. The revision of Teaching & Examination Scheme of Semester III and IV for the batch admitted in 2020-21 and direct second year students admitted (scheme and syllabus in the academic year 2021-22(Encl. I and II).**

Following suggestions are given by the members of BoS:

- i. Add a course, Data Structures and Algorithm for the batch admitted in the year 2020-21 and the credit for this subject should be a 4 instead of 5.
- ii. Environmental Sciences of Semester III to be swapped with Data Handling and Visualization of semester IV for the batch admitted in the year 2020-21.

**B. The revision of Syllabi of the courses of Semester III and IV for the batch admitted in 2020-21 and direct second year students admitted in the academic year 2021-22. (Encl. III and IV)**

Following suggestions are given by the members of BoS:

- i. More topics on Information Security and Privacy can be added in the syllabus of Information Security and Privacy, Semester III
- ii. Advanced topics like Brownian motion can be removed from the syllabus Stochastic processes and Applications, Semester IV.
- iii. Include linear regression and logistic regression in the syllabus of Data Science Analytics using R and Python, Semester IV.
- iv. Include dashboard, storytelling, and projects in the syllabus of Data Visualization with Tableau, Semester IV.

**Action taken:** All the suggestions are incorporated in syllabi (Encl. I, II, III, and IV)

3. **The members of BoS considered and deliberated upon the curricula of departmental Open Electives - I (Technical) for semester IV under NEP (152 credits program), which will be offered to students of EXTC, IT, Computer and AI branch. They approved the following:**
  - A. The revision of Teaching & Examination Scheme of departmental open electives - I (Technical) courses for Semester IV (Encl. V).
  - B. The revision of Syllabi of the open departmental elective courses of Semester IV. (Encl. VI)
4. **The members of BoS considered and deliberated upon the curricula of B. Tech Data Science (Business Analytics) semester III and IV for the batch admitted in 2021-22 onwards. They approved the following:**
  - A. The revision of Teaching & Examination Scheme of Semester III and IV (Encl. VII and VIII).
  - B. The revision of Syllabi of the courses of Semester III and IV (Encl. IX and X)
5. **The members of BoS considered and deliberated upon the course structure of MBA Tech Data Science They approved the following:**

Following suggestions are given by the members of BoS:

- i. All the courses of MBA Tech Data Science should be similar to B.Tech Data Science (Business Analytics) except 1<sup>st</sup> year and Management subjects in 2<sup>nd</sup> year.

**Action taken:** All the suggestions are incorporated in syllabi (Encl. XI)

6. The BoS members has agreed on start of **B. Tech Integrated (Data Science)** course, by bridging the already approved diploma in computer engineering (first three years) and Degree in Data science (last three years) and also approved the course structure (Encl. XII)
  - Course structure for Semester I to VI is same as that of B. Tech Integrated (Computer Engineering)
  - Course structure for Semester VII to XII of B. Tech Integrated (Data Science) is same as that of B. Tech Data Science (Business Analytics) Semester III to Semester VIII.

*Alhe Hahaja*



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Dean, MPSTME  
Chairperson, Board of Studies