

Curriculum Gaps  
for

Session 2022-23

communicated to University  
in session 2022-23

— X — X —



Director Miet &lt;director@miet.ac.in&gt;

**Suggestions for Updating the Syllabus (College Code # 068)**

2 messages

Director Miet &lt;director@miet.ac.in&gt;

Sat, Aug 20, 2022 at 9:22 PM

To: "dean.ugse@aktu.ac.in" &lt;dean.ugse@aktu.ac.in&gt;

Bcc: IQAC MIET &lt;team.iqac@miet.ac.in&gt;

Dear Sir

With reference to AKTU Letter (Ref : AKTU/Dean-UG/2022/614 ; Dated : 16.08.2022), please find attached herewith the suggestions for updating the syllabus.

Submitted for your kind consideration.

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With Regards,

Dr. Brijesh Singh

Director

Meerut Institute of Engg and Tech, Meerut

**AKTU College Code # 068****2 attachments****Suggestion\_Syb\_FY\_2022.pdf**

343K

**Suggestion\_Syb\_IT\_2022.pdf**

198K

Director Miet &lt;director@miet.ac.in&gt;

Mon, Jan 9, 2023 at 3:04 PM

To: HOD Information Technology &lt;hodit@miet.ac.in&gt;

[Quoted text hidden]

**2 attachments****Suggestion\_Syb\_FY\_2022.pdf**

343K

**Suggestion\_Syb\_IT\_2022.pdf**

198K

  
Prof. (Dr.) Brijesh Singh  
Director  
Meerut Institute of Engineering & Technology  
NH-58, Baghpat Road Crossing, Bypass Road,  
Meerut - 250005 (U.P.)



**mi**et

MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF B.TECH FIRST YEAR

To,

The Director,

MIET, Meerut

**Subject:** Regarding Curriculum Gaps for Session 2022-23

Respected Sir,

Kindly find the curriculum gaps and the related documents for subjects taught in B.Tech First year which have been identified in the DQAC meeting conducted on 13 August 2022.

Thanks and Regards

*Dhaudhary*  
*16/08/2022*  
(Academic Coordinator)

B.Tech, First Year

*G*  
*16/8/2022*  
(Associate Dean)

B.Tech, First Year

Dean First Year  
Meerut Institute of Engineering & Tech., Meerut

*R. Singh*  
Prof. (Dr) Brijesh Singh  
Director

Meerut Institute of Engineering & Technology  
NH-58, Baghpat Road Crossing, Bypass Road,  
Meerut - 250005 (U.P.)

Ref. No: MIET/FST/2021-22/01

Date: 11-08-2022

NOTICE: IDENTIFICATION OF CURRICULUM GAPS

In view to identify the curriculum gaps of subjects taught in B.Tech First Year, a meeting has been scheduled with DQAC team members. Following members from the first year are requested to attend the meeting:

1. DQAC Coordinator - B.Tech First Year
2. DQAC Team Members/Subject Heads

**Specifications of the meeting:**

Date: 13-08-2022

Time: 10:00 am - 12:00 pm

Venue: B5-205

*Chauhan*  
11/08/2022

(Academic Coordinator)

B.Tech, First Year

*11/8/2022*

(Associate Dean)

B.Tech, First Year

Dean First Year

Meerut Institute of Engineering & Tech., Meerut

**Copy to:-**

1. Vice Chairman – for kind information
2. Director
3. Dean Academics
4. Registrar
5. Department file

*R. Singh*  
Pr. (Dr.) Brijesh Singh  
Director  
Meerut Institute of Engineering & Technology  
NH-58, Baghat Road Crossing, Bypass Road,  
Meerut - 250005 (U.P.)

Ref No: MIET/FST/2022-23/03

Date: 13.08.2022

MOM: IDENTIFICATION OF CURRICULUM GAPS

A meeting of departmental quality assurance cell of B.Tech First Year was conducted in B5-205 on 13.08.2022 at 10:00 am. The following members were present in the meeting and the points discussed are hereunder:-

Attendee's of Meeting

S. No	Name of Board Members	Area of Specialization	Designation
1	Dr. Nidhi Chaudhary	Engg. Chemistry	DQAC Coordinator
2	Dr. Ramesh Chand	Engg. Physics	DQAC Members
3	Dr. Soni Yadav	Engg. Chemistry	DQAC Members
4	Ms. Priyanka Arora	Engg. Mathematics	DQAC Members
5	Ms. Monika Duggal	Soft Skills	DQAC Members
6	Mr. Ashok Rajput	Electrical Engg.	DQAC Members
7	Mr. Amit Saini	Electronics Engg.	DQAC Members
8	Mohd. Mustafa Saifi	Mechanical Engg.	DQAC Members
9	Ms. Radhika Jindal	Programming	DQAC Members

Point of Discussion

- Agenda of the meeting was to identify the curriculum gaps of the subjects in B.Tech First Year.
- All the subject heads discussed and tried to identify the curriculum gaps of their respective subjects.
- Ms. Priyanka Arora (Subject Head) - Engg. Mathematics (KAS103T), suggested including concept of integration in the syllabus.
- Mr. Ashok Rajput (Subject Head) - Electrical Engg. (KEE101T/KEE201T), suggested including introduction to maximum power transfer theorem in the syllabus.
- Since the first year syllabus is recently been revised by university, the other subject heads were satisfied with their current syllabus.

The meeting ended with thanks to the chair.

*Chaudhary*  
13/8/2022  
(Academic Coordinator)

B.Tech, First Year

*13/8/2022*  
(Associate Dean)

B.Tech, First Year

Dean First Year

Meerut Institute of Engineering & Tech., Meerut

Copy to:-

1. Vice Chairman – for kind information
2. Director
3. Dean Academics
4. Registrar
5. Department file

*Brijesh Singh*  
Prof. (Dr.) Brijesh Singh  
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# Meerut Institute of Engineering and Technology, Meerut

Department: B.Tech First Year; Curriculum Gap : 2022-23

S. No.	Semester	Subject Code	Subject Name	Suggested / Identified Topics (Curriculum Gap) Suggested To be added in Syllabus	Remarks, if any
1	I Sem	KAS103T	Engineering Mathematics-I	Introduction to Integration	-
2	I & II Sem	KEE101T/ KEE201T	Basic Electrical Engineering	Introduction to maximum power transfer theorem	-

09/18/2022

(Name and Sign of HOD)

Deptt: B.Tech First Year

Dean First Year

Meerut Institute of Engineering & Tech., Meerut




Prof. (Dr.) Brijesh Singh  
Director

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## Meerut Institute of Engineering and Technology, Meerut

### Dept of MCA # Curriculum Gap : 2022-23


S. No.	Semester	Subject Code	Subject Name	Suggested / Identified Topics (Curriculum Gap) Suggested To be added in Syllabus	Remarks, if any
1	III	KCA301	Artificial Intelligence	1. Case Study on Robotics Designing Of Intelligent Agents 2. Study And Review Of AI Based Research Papers. (both the topics may be the part of Unit-5)	The suggested topics are not included in the current university syllabus.
2	I	KCA101	Fundamental Of Computers & Emerging Technologies	1. Number Systems & Their Conversion (Binary , Octal , Decimal , Hexadecimal ) (This topic may be added in the Unit-1 of the syllabus)	

  
 30.08.2022  
 Prof. (Dr. Rakesh Kumar)

(Name & Sign Of HOD)

Dept Of <sup>MCA</sup> .....Head.....

Department of MCA  
 Meerut Institute of Engineering & Technology  
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 Prof. (Dr.) Brijesh Singh  
 Director  
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 Meerut - 250005 (U.P.)

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**MEERUT INSTITUTE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF B.TECH FIRST YEAR**

To,

The Director,

MIET, Meerut

**Subject: Regarding Curriculum Gaps for Session 2022-23**

Respected Sir,

Kindly find the curriculum gaps and the related documents for subjects taught in B.Tech First year which have been identified in the DQAC meeting conducted on 13 August 2022.

Thanks and Regards

*Dhandhary*  
*16/08/2022*

(Academic Coordinator)

B.Tech, First Year

*@ 16/8/2022*

(Associate Dean)

B.Tech, First Year

Dean First Year  
Meerut Institute of Engineering & Tech., Meerut

*Rhyc*  
Prof. (Dr.) Brijesh Singh  
Director  
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Meerut - 250005 (U.P.)



# Meerut Institute of Engineering and Technology, Meerut

Department: B.Tech First Year; Curriculum Gap : 2022-23

S. No.	Semester	Subject Code	Subject Name	Suggested / Identified Topics (Curriculum Gap) Suggested To be added in Syllabus	Remarks, if any
1	I Sem	KAS103T	Engineering Mathematics-I	Introduction to Integration	-
2	I & II Sem	KEE101T/ KEE201T	Basic Electrical Engineering	Introduction to maximum power transfer theorem	-

07/18/2022

(Name and Sign of HOD)


Deptt: B.Tech First Year

Dean First Year

Meerut Institute of Engineering & Tech., Meerut

Prof. (Dr.) Brijesh Singh  
Director

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Meerut Institute of Engineering & Technology  
NH-58, Baghpat Road Crossing, Bypass Road,  
Meerut - 250005 (U.P.)

Date: 10-08-2022

To  
The Director  
MIET Meerut

Subject: Identification of Curriculum Gaps in the University Regulation

Respected Sir,

It is to bring to your kind notice that, there are certain curriculum gaps identified in the AKTU regulation – 2018(K-Code). It is our request to kindly consider the identified gaps in the new regulation and benefit the students in future endeavours.

Below is the list of identified gaps for academic session 2022-23 for your kind perusal:

Department of Information Technology				
S. No.	Semester	Subject Code	Subject Name	Suggested / Identified Topics (Curriculum Gap) Suggested To be added in Syllabus
1	3 <sup>rd</sup>	KCS302	Computer Organization and Architecture	According to AKTU Curriculum this subject does not include "Linear and Non-linear pipeline" as part of University syllabus. It should be included to strengthen the course.
2	3 <sup>rd</sup>	KOE038	Electronics Engineering	According to AKTU Curriculum this subject does not include "Transducers and Sensors" as part of University syllabus. It should be included to better understand the application of basic electronic components.
3	3 <sup>rd</sup>	KCS355	Discrete Structures and Theory of Logic Lab	According to AKTU Curriculum this subject does not include "Basics of Prolog Programming. It should be included in the syllabus for better understanding of Discrete Structures and Theory of Logic Lab using Prolog.
4	4 <sup>th</sup>	KCS402	Theory of Automata & Formal Languages	According to AKTU Curriculum this subject does not include Boolean Satisfiability problem, "Cook's theorem" helps in understanding the concept, if included.
5	5 <sup>th</sup>	KCS503	Design & Analysis of Algorithms	According to AKTU Curriculum this subject does not include "Splay Tree, 2-3 Tree & Binomial Coefficient Calculation" as part of University syllabus. It should be included to strengthen the course.
6	5 <sup>th</sup>	KIT551	Web Technologies Lab	According to AKTU Curriculum this subject does not include "AWT Event Handling" as part of Web Technologies Lab. It should be included to help students for better understand how event occurs and handled.
7	6 <sup>th</sup>	KCS601	Software Engineering	According to AKTU Curriculum this subject does not include "V Model, Agile & Scrum" as part of University syllabus; it should be included to better understand the methodology used for software development.
8	5 <sup>th</sup>		OOPS Lab	According to AKTU Curriculum this subject does not included as part of OOPs subject. It should be included to help students for better understanding of practical aspect of the subject

Thanking You

Dr. Swati Sharma  
Head, Department of Information Technology  
Meerut Institute of Engineering & Technology, Meerut  
Email ID: [hodit@miet.ac.in](mailto:hodit@miet.ac.in)

  
Prof. (Dr.) Swati Sharma  
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