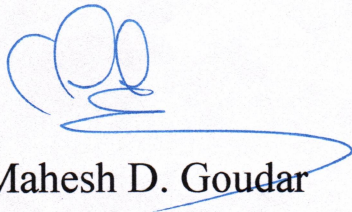
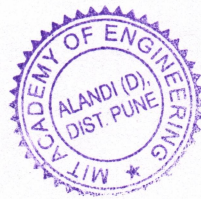


2.3.4— Preparation and adherence to Academic Calendar and Teaching Plans by the institution:



Dr. Mahesh D. Goudar
Director
MIT Academy of Engineering
Alandi (D) Pune - 412105



DIRECTOR
MIT Academy of Engineering
Alandi (D.), Pune-412 105.

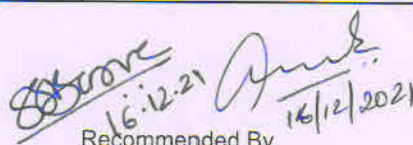
MIT Academy of Engineering (An Autonomous Institute) An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I & II (FY B Tech)
	W.E.F.	22/12/2021

Description	Start Date	End Date
Semester - I & II (FY B Tech)		
Orientation	Vednesday, 22 December, 2021	Friday, 24 December, 2021
Induction Program	Monday, 27 December, 2021	Saturday, 1 January, 2022
Commencement and Conclusion (Sem-I)	Monday, 3 January, 2022	Wednesday, 20 April, 2022
Mid Semester Examination (Sem-I)	21 Feb 2022 (Monday) - 23 Feb 2022 (Wednesday)	
Practical Exams (Sem-I)	4 April 2022 (Monday) - 9 April 2022 (Saturday)	
Teaching End and Final Detention List (Sem-I)	Saturday, 9 April, 2022	
Preparatory Leave- ESE	10 April 2022 (Sunday) - 13 April 2022 (Wednesday)	
End Semester Examination (Sem-I)	15 April 2022 (Friday) - 20 April 2022 (Wednesday)	
Result Declaration ESE (Sem-I)	30 April 2022 (Saturday)	
Commencement and Conclusion (Sem-II)	Monday, 25 April, 2022	Friday, 5 August, 2022
Mid Semester Examination (Sem-II)	13 June 2022 (Monday) - 15 June 2022 (Wednesday)	
Practical Exams (Sem-II)	21 July 2022 (Thursday) - 27 July 2022 (Wednesday)	
Teaching End and Final Detention List (Sem-II)	Wednesday, 27 July, 2022	
Preparatory Leave- ESE	28 July 2022 (Thursday) - 31 July 2022 (Sunday)	
End Semester Examination (Sem-II)	1 August 2022 (Monday) - 5 August 2022 (Friday)	
Result Declaration ESE (Sem-II)	10 Aug 2022 (Wednesday)	
Registration for Re examination (Sem I & II)	11 Aug 2022 (Thursday) - 13 Aug 2022 (Saturday)	
Re examination (Sem I & II)	16 Aug 2022 (Tuesday) - 20 Aug 2022 (Saturday)	



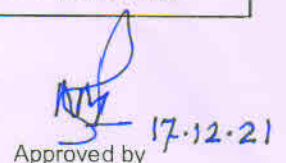
Prepared and Proposed By
Mrs. Manisha Pansare

FYBTECH Time table coordinator



Recommended By
Dr. Sunita Barve and Dr. Arika Kotha

Deputy Director (Academics) and
COE



Approved by
Dr. Mahesh D Goudar

f/ Director

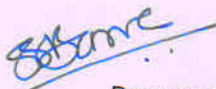
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MIT Academy of Engineering [An Autonomous Institute] An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I & II (FY B Tech)
	W.E.F.	21/04/2022

Description	Start Date	End Date
Semester - I & II (FY B Tech)		
Orientation	Wednesday, 22 December, 2021	Friday, 24 December, 2021
Induction Program	Monday, 27 December, 2021	Saturday, 1 January, 2022
Commencement and Conclusion (Sem-I)	Monday, 3 January, 2022	Wednesday, 20 April, 2022
Mid Semester Examination (Sem-I)	21 Feb 2022 (Monday) - 23 Feb 2022 (Wednesday)	
Practical Exams (Sem-I)	4 April 2022 (Monday) - 9 April 2022 (Saturday)	
Teaching End and Final Detention List (Sem-I)	Saturday, 9 April, 2022	
Preparatory Leave- ESE	10 April 2022 (Sunday) - 13 April 2022 (Wednesday)	
End Semester Examination (Sem-I)	15 April 2022 (Friday) - 20 April 2022 (Wednesday)	
Result Declaration ESE (Sem-I)	30 April 2022 (Saturday)	
Commencement and Conclusion (Sem-II)	Thursday, 21 April, 2022	Thursday, 11 August, 2022
Mid Semester Examination (Sem-II)	16 June 2022 (Monday) - 18 June 2022 (Wednesday)	
Make-Up Sessions	18 July 2022 (Monday) - 23 July 2022 (Saturday)	
Practical Exams (Sem-II)	25 July 2022 (Monday) - 30 July 2022 (Saturday)	
Teaching End and Final Detention List (Sem-II)	Saturday, 30 July, 2022	
Preparatory Leave- ESE	31 July 2022 (Sunday) - 1 August 2022 (Monday)	
End Semester Examination (Sem-II)	2 August 2022 (Tuesday) - 11 August 2022 (Thursday)	
Result Declaration ESE (Sem-II)	16 Aug 2022 (Tuesday)	
Registration for Re examination (Sem I & II)	17 Aug 2022 (Wednesday) - 20 Aug 2022 (Saturday)	
Re examination (Sem I & II)	22 Aug 2022 (Monday) - 26 Aug 2022 (Friday)	



Prepared and Proposed By
Mrs. Manisha Pansare



Recommended By
Dr. Sunita Barve and Dr. Arika Kotha



Approved by
Dr. Mahesh D Goudar

FYBTECH Time table coordinator

Deputy Director (Academics) and COE

Director

21-4-22

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I (Second Year)
	W.E.F.	9/9/2021

Description	Start Date	End Date
Semester - I (Second Year)		
Commencement and Conclusion	09-09-2021 (Thursday)	14-01-2022 (Friday)
Mid Semester Examination	8 Nov (Monday) - 13 Nov 2021 (Saturday)	
Project Reviews	First Review:- 29 Oct, (Friday) 2021	
	Second Review:- 17 Dec (Friday) 2021	
Teaching End and Final Detention List	7 Jan 2022 (Friday)	
Practical Exams	8 Jan (Saturday) - 14 Jan 2022 (Friday)	
Project Exams	14 Jan 2021 (Friday)	
Term End	14 Jan 2022 (Friday)	
Preparatory Leave	15 and 16 Jan (Sunday) 2022	
End Semester Examination	17 Jan (Monday) - 24 Jan 2022 (Monday)	
Result Declaration	31 Jan (Monday) 2022	
Registration for Re - Examination	1 Feb (Tuesday) - 3 Feb 2022 (Thursday)	
Re - Examination	7 Feb (Monday) - 12 Feb 2022 (Saturday)	
Result Declaration (Re Examination)	20 Feb (Sunday) 2022	
Commencement of Next Semester	1 Feb (Tuesday) 2022	

Baglekar
30/8/21

Prepared and Proposed By

Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**

Sunita Barve
30/8/21
Recommended By

Dr. Sunita Barve and Dr. Arika Kotha

Dean Academics and COE

Mahesh D Goudar
30/8/21
Approved by

Dr. Mahesh D Goudar

Director

MIT Academy of Engineering [An Autonomous Institute] An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I & II (DSY B Tech)
	W.E.F.	20/12/2021
Alandi (D), Pune - 412 105		

Description	Start Date	End Date
Semester - III & IV (DSY B Tech)		
Commencement and Conclusion (Sem-I)	Monday, 20 December, 2021	Saturday, 2 April, 2022
Mid Semester Examination (Sem-I)	7 Feb 2022 (Monday) - 11 Feb 2022 (Friday)	
Project Reviews	First Review:- 28 Jan (Friday) 2022	
	Second Review:- 11 March (Friday) 2022	
Practical Exams (Sem-I)	22 Mar 2022 (Tuesday) - 25 March 2022 (Friday)	
Teaching End and Final Detention List (Sem-I)	Friday, 25 March, 2022	
Preparatory Leave- ESE	26 March 2022 (Saturday) - 27 March 2022 (Sunday)	
End Semester Examination (Sem-I)	28 March 2022 (Monday) - 2 April 2022 (Saturday)	
Result Declaration ESE (Sem-I)	11 April 2022 (Monday)	
Commencement and Conclusion (Sem-II)	Monday, 4 April, 2022	Saturday, 16 July, 2022
Mid Semester Examination (Sem-II)	23 May 2022 (Monday) -27 May 2022 (Friday)	
Project Reviews	First Review:- 13 May (Friday) 2022	
	Second Review:- 24 June (Friday) 2022	
Practical Exams (Sem-II)	04 July 2022 (Monday) - 8 July 2022 (Friday)	
Teaching End and Final Detention List (Sem-II)	Friday, 8 July, 2022	
Preparatory Leave- ESE	9 July 2022 (Saturday) - 10 July 2022 (Sunday)	
End Semester Examination (Sem-II)	11 July 2022 (Monday) - 16 July 2022 (Saturday)	
Result Declaration ESE (Sem-II)	Friday, 22 July, 2022	
Registration for Re examination (Sem I & II)	23 July 2022 (Saturday) - 24 July 2022 (Sunday)	
Re examination (Sem I & II)	27 July 2022 (Wednesday) - 2 Aug 2022 (Tuesday)	

C. Baglekar
14/12/21

Prepared and Proposed By
Mr. Nilesh C Baglekar

Institutional Time table
coordinator

S. Barve

Recommended By

Dr. Sunita Barve and Dr. Arika Kotha

Deputy Director (Academics and
Research) and Controller of Examination

Amal
14/12/2021

COE 14/12/21

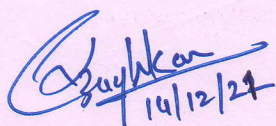
Approved by
Dr. Mahesh D Goudar

Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	II (SY)
	W.E.F.	1/02/2022
Alandi (D), Pune - 412 105		

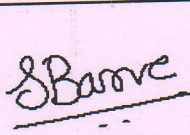
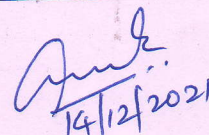
Description	Start Date	End Date
Semester - II (S.Y.)		
Commencement and Conclusion	Tuesday, 1 February, 2022	Wednesday, 15 June, 2022
Mid Semester Examination	28 March (Monday) - 04 April 2022 (Monday)	
Project Reviews	First Review:- 11 March (Friday) 2022	
	Second Review:- 13 May (Friday) 2022	
Equilibrium 2022 (a national level Technical event)	Wednesday, 23 March and Thursday, 24 March 2022	
Annual Social Gathering	Friday, 25 March, and Saturday, 26 March 2022	
Teaching End and Final Detention List	Saturday, 21 May, 2022	
Practical Exams	23 May (Monday) - 4 June 2022 (Saturday)	
Project Exams	Saturday, 4 June 2022	
Term End	4 June 2022 (Saturday)	
Preparatory Leave	5 June (Sunday) - 7 June 2022 (Tuesday)	
End Semester Examination	8 June (Wednesday) - 15 June 2022 (Wednesday)	
Result Declaration	Friday, 24 June, 2022	
Registration for Re - Examination	25 June (Saturday) - 26 June 2022 (Sunday)	
Re - Examination	28 June (Tuesday) - 5 July 2022 (Tuesday)	
Re-Examination Result Declaration	Friday, 15 July, 2022	

Sports Days: 14 March to 22 March 2022 (After college Hours and on weekends)

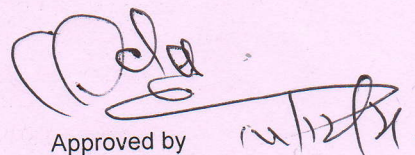

14/12/21

Prepared and Proposed By
Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**

 
14/12/2021

Recommended By
Dr. Sunita Barve and Dr. Arika Kotha
**Deputy Director (Academics and
Research) and Controller of
Examination**


12/12/21

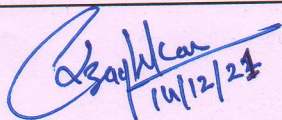
Approved by
Dr. Mahesh D Goudar

Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	II (TY and B Tech)
	W.E.F.	3/01/2022
Alandi (D), Pune - 412 105		

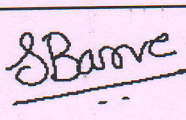
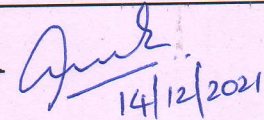
Description	Start Date	End Date
Semester - II (TY and B.TECH)		
Commencement and Conclusion	Monday, 3 January, 2022	Saturday, 21 May, 2022
Mid Semester Examination	TY and B Tech: 28 Feb (Monday) - 06 March 2022 (Sunday)	
Project Reviews	First Review:- TY: 11 Feb, B Tech: 18 Feb (Friday) 2022	
	Second Review:- TY: 8 April, B Tech: 15 April (Friday) 2022	
Equilibrium 2022 (a national level Technical event)	Wednesday, 23 March and Thursday, 24 March 2022	
Annual Social Gathering	Friday, 25 March, and Saturday, 26 March 2022	
Teaching End and Final Detention List	Saturday, 23 April, 2022	
Practical Exams	TY, B Tech: 25 April (Monday) - 7 May 2022 (Saturday)	
Project Exams	Saturday, 30 April and 7 May 2022	
Term End	TY, B Tech: 7 May 2022 (Friday)	
Preparatory Leave	TY, B Tech: 8 May (Sunday) - 10 May 2022 (Tuesday)	
End Semester Examination	TY, B Tech: 11 May (Wednesday) - 21 May 2022 (Saturday)	
Result Declaration	6 June (Monday) 2022	
Registration for Re - Examination	TY, B Tech: 6 June (Monday) - 8 June 2022 (Wednesday)	
Re - Examination	TY, B Tech: 14 June (Tuesday) - 23 June 2022 (Thursday)	
Re-Examination Result Declaration	Thursday, 30 June, 2022	

Sports Days: 14 March to 22 March 2022 (After college Hours and on weekends)

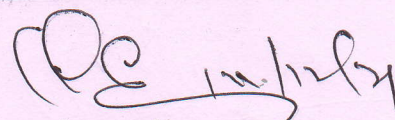

14/12/21

Prepared and Proposed By
Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**

 
14/12/2021

Recommended By
Dr. Sunita Barve and Dr. Arika Kotha
**Deputy Director (Academics and
Research) and Controller of
Examination**


14/12/21

Approved by
Dr. Mahesh D Goudar

Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
Alandi (D), Pune - 412 105	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I (TY and B Tech)
	W.E.F.	02/08/2021

Description	Start Date	End Date
Semester - I (TY and B.TECH)		
Commencement and Conclusion	2 Aug 2021 (Monday)	27 Nov 2021 (Saturday)
Mid Semester Examination	TY and B.Tech: 20 Sept 2021 (Monday) - 26 Sept 2021 (Sunday)	
Project Reviews	First Review: 16 Sept 2021 (Thursday)	
	Second Review: 21 Oct 2021 (Thursday)	
Teaching End and Final Detention List	27 Nov 2021 (Saturday)	
Practical Exams	TY, B Tech: 29 Nov (Monday) - 9 Dec 2021 (Thursday)	
Project Exams	10 Dec 2021 (Friday)	
Term End	TY, BTech: 10 Dec 2021 (Friday)	
Preparatory Leave	TY, B Tech: 11 Dec 2021 (Saturday) - 13 Dec 2021 (Monday)	
End Semester Examination	TY, B Tech: 14 Dec (Tuesday) - 24 Dec 2021 (Friday)	
Result Declaration	2 Jan 2022 (Sunday)	
Registration for Re - Examination	TY, B Tech: 3 Jan 2022 (Monday) - 5 Jan 2022 (Wednesday)	
Re - Examination	TY, B Tech: 11 Jan 2022 (Tuesday) - 20 Jan 2022 (Thursday)	
Result Declaration (Re Examination)	25 Jan 2022 (Tuesday)	
Orientation for the Next Semester	27 Dec 2021 (Monday)	
Commencement of Next Academic Year	3 Jan 2022 (Monday)	

S. B. Dave
18.06.2021
Dean - Academics

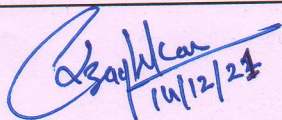
[Signature]
18/6/2021
Controller of Examinations

[Signature]
Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	II (TY and B Tech)
	W.E.F.	3/01/2022

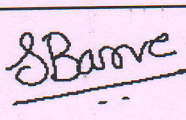
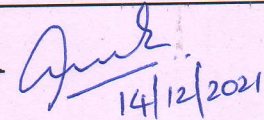
Description	Start Date	End Date
Semester - II (TY and B.TECH)		
Commencement and Conclusion	Monday, 3 January, 2022	Saturday, 21 May, 2022
Mid Semester Examination	TY and B Tech: 28 Feb (Monday) - 06 March 2022 (Sunday)	
Project Reviews	First Review:- TY: 11 Feb, B Tech: 18 Feb (Friday) 2022	
	Second Review:- TY: 8 April, B Tech: 15 April (Friday) 2022	
Equilibrium 2022 (a national level Technical event)	Wednesday, 23 March and Thursday, 24 March 2022	
Annual Social Gathering	Friday, 25 March, and Saturday, 26 March 2022	
Teaching End and Final Detention List	Saturday, 23 April, 2022	
Practical Exams	TY, B Tech: 25 April (Monday) - 7 May 2022 (Saturday)	
Project Exams	Saturday, 30 April and 7 May 2022	
Term End	TY, B Tech: 7 May 2022 (Friday)	
Preparatory Leave	TY, B Tech: 8 May (Sunday) - 10 May 2022 (Tuesday)	
End Semester Examination	TY, B Tech: 11 May (Wednesday) - 21 May 2022 (Saturday)	
Result Declaration	6 June (Monday) 2022	
Registration for Re - Examination	TY, B Tech: 6 June (Monday) - 8 June 2022 (Wednesday)	
Re - Examination	TY, B Tech: 14 June (Tuesday) - 23 June 2022 (Thursday)	
Re-Examination Result Declaration	Thursday, 30 June, 2022	

Sports Days: 14 March to 22 March 2022 (After college Hours and on weekends)

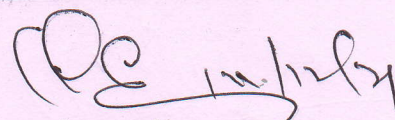

14/12/21

Prepared and Proposed By
Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**


 
14/12/2021

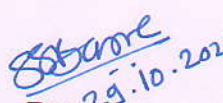

Recommended By
Dr. Sunita Barve and Dr. Arika Kotha
**Deputy Director (Academics and
Research) and Controller of
Examination**


14/12/21

Approved by
Dr. Mahesh D Goudar

Director

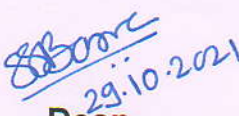
 Academy of Engineering (An Autonomous Institute)	INSTITUTIONAL ACADEMIC CALENDER	
Alandi(D), Pune – 412 105	ACADEMIC YEAR	2021-2022
	TRIMESTER	IV (M. Tech.)
	W.R.F	08/11/2021
Description	Start Date	End Date
SYMTECH TRIMESTER-IV		
Trimester- IV - Commencement and Conclusion	08 th Nov. 2021	12 th Feb. 2022
Course Feedback - I	15 th Dec. 2021	
Course Feedback -II	15 th Jan. 2022	
Practical Examination	27 th Jan 2022	29 nd Jan 2022
End Term Assessment	03 rd Feb 2022	05 th Feb 2022
Showing Evaluated Answer sheet (ETA)	08 th Feb 2022	
Result ETA	09 th Feb 2022	
Registration of Re-Examination	10 th Feb 2022	10 th Feb 2022
Re-Examination	11 th Feb 2022	12 th Feb 2022



**Institute
PG Coordinator**

**Dean
Academics**

**Controller of
Examinations**

Director

MIT	Academy of Engineering	INSTITUTIONAL ACADEMIC CALENDER	
(An Autonomous Institute)			
Alandi(D), Pune – 412 105	ACADEMIC YEAR	2021-2022	
	TRIMESTER	V (M. Tech.)	
	W.R.F	15 th Feb. 2022	
Description	Start Date	End Date	
SYMTECH TRIMESTER-V			
Trimester-V- Commencement and Conclusion	15 th Feb. 2022	21 st May 2022	
Course Feedback - I	21 st March 2022		
Course Feedback -II	25 th April 2022		
Project Review-II (with DRC Committee)	5 th May 2022	5 th May 2022	
Final Project-II Examination (External)	13 th May 2022	14 th May 2022	
Result ETA	16 th May 2022		
Registration of Re-Examination	18 th May 2022	19 th May 2022	
Re-Examination (if required)	19 th May 2022	21 st May 2022	


Institute
PG Coordinator


Dean
Academics


Controller of
Examinations


Director

MIT	Academy of Engineering	INSTITUTIONAL ACADEMIC CALENDER	
(An Autonomous Institute)			
Alandi(D), Pune – 412 105	ACADEMIC YEAR	2021-2022	
	TRIMESTER	VI (M. Tech.)	
	W.R.F	26 th May 2022	
Description	Start Date	End Date	
SYMTECH TRIMESTER-VI			
Trimester-VI - Commencement and Conclusion	26 th May 2022	31 st Aug. 2022	
Course Feedback - I	27 th Jun 2022		
Course Feedback -II	29 th Jul. 2022		
Project Review-III (DRC)	20 th Jul. 2022 – 22 nd Jul. 2022		
Project Review-III (RRC)	11 th Aug 2022	13 th Aug 2022	
Final Project-II Examination (External)	18 th Aug 2022	20 th Aug 2022	
Result ETA	24 th Aug 2022		
Registration of Re-Examination	25 th Aug 2022	26 th Aug 2022	
Re-Examination (if any)	29 th Aug 2022	31 st Aug 2022	


Institute
PG Coordinator

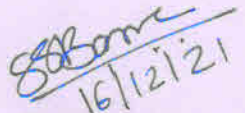

Dean
Academics

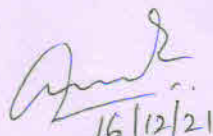

Controller of
Examinations

Director

MIT Academy of Engineering (An Autonomous Institute)	INSTITUTIONAL ACADEMIC CALENDER	
Alandi(D), Pune - 412 105	ACADEMIC YEAR	2021-2022
	TRIMESTER	I,II,III (PG)
	W.R.F	20/12/2021
Description	Start Date	End Date
FYMTECH TRIMESTER-I		
Trimester-I - Commencement and Conclusion	20/12/2021	28/03/2022
Course Feedback - I	20 th Jan. 2022	
Course Feedback -II	28th Feb 2022	
Practical Examination	10th Mar. 2022	12th Mar 2022
End Term Assessment	17 th Mar. 2022	19 th Mar. 2022
Showing Evaluated Answer sheet (ETA)	21st Mar. 2022	
Result ETA	22nd Mar. 2022	
Registration of Re-Examination	23rd Mar 2022	24th Mar. 2022
Re-Examination	25th Mar. 2022	26 th Mar. 2022
FYMTECH TRIMESTER-II		
Trimester-II- Commencement and Conclusion	04/04/2022	11/07/2022
Course Feedback - I	15th May. 2022	
Course Feedback -II	10th Jun 2022	
Practical Examination	16 th Jun 2022	18 th Jul 2022
End Term Assessment	23rd Jun. 2022	25th Jun. 2022
Showing Evaluated Answer sheet (ETA)	1st Jul 2022	
Result ETA	2nd Jul 2022	
Registration of Re-Examination	04th Jul 2022	05th Jul 2022
Re-Examination	07th Jul 2022	09th Jul 2022
FYMTECH TRIMESTER-III		
Trimester-III - Commencement and Conclusion	18/07/2022	22/10/2022
Course Feedback - I	19th Aug. 2022	
Course Feedback -II	20th Sept. 2022	
Practical Examination	6th Oct. 2022	8th Oct. 2022
End Term Assessment	11 th Oct. 2022	13 th Oct. 2022
Showing Evaluated Answer sheet (ETA)	17th Oct 2022	
Result ETA	18th Oct. 2022	
Registration of Re-Examination	19th Oct. 2022	19th Oct. 2022
Re-Examination	20th Oct 2022	22nd Oct 2022


 Institute PG
 Coordinator


 Dean
 Academics


 Controller of
 Examination


 Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I (Second Year)
	W.E.F.	9/9/2021

Description	Start Date	End Date
Semester - I (Second Year)		
Commencement and Conclusion	09-09-2021 (Thursday)	14-01-2022 (Friday)
Mid Semester Examination	8 Nov (Monday) - 13 Nov 2021 (Saturday)	
Project Reviews	First Review:- 29 Oct, (Friday) 2021	
	Second Review:- 17 Dec (Friday) 2021	
Teaching End and Final Detention List	7 Jan 2022 (Friday)	
Practical Exams	8 Jan (Saturday) - 14 Jan 2022 (Friday)	
Project Exams	14 Jan 2021 (Friday)	
Term End	14 Jan 2022 (Friday)	
Preparatory Leave	15 and 16 Jan (Sunday) 2022	
End Semester Examination	17 Jan (Monday) - 24 Jan 2022 (Monday)	
Result Declaration	31 Jan (Monday) 2022	
Registration for Re - Examination	1 Feb (Tuesday) - 3 Feb 2022 (Thursday)	
Re - Examination	7 Feb (Monday) - 12 Feb 2022 (Saturday)	
Result Declaration (Re Examination)	20 Feb (Sunday) 2022	
Commencement of Next Semester	1 Feb (Tuesday) 2022	

Baglekar
30/8/21

Prepared and Proposed By

Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**

Sunita Barve
30/8/21
Recommended By

Dr. Sunita Barve and Dr. Arika Kotha

Dean Academics and COE

Mahesh D Goudar
30/8/21
Approved by

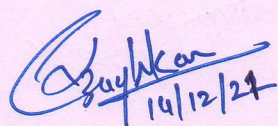
Dr. Mahesh D Goudar

Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	II (SY)
	W.E.F.	1/02/2022
Alandi (D), Pune - 412 105		

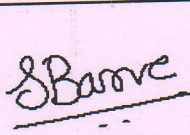
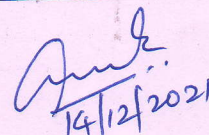
Description	Start Date	End Date
Semester - II (S.Y.)		
Commencement and Conclusion	Tuesday, 1 February, 2022	Wednesday, 15 June, 2022
Mid Semester Examination	28 March (Monday) - 04 April 2022 (Monday)	
Project Reviews	First Review:- 11 March (Friday) 2022	
	Second Review:- 13 May (Friday) 2022	
Equilibrium 2022 (a national level Technical event)	Wednesday, 23 March and Thursday, 24 March 2022	
Annual Social Gathering	Friday, 25 March, and Saturday, 26 March 2022	
Teaching End and Final Detention List	Saturday, 21 May, 2022	
Practical Exams	23 May (Monday) - 4 June 2022 (Saturday)	
Project Exams	Saturday, 4 June 2022	
Term End	4 June 2022 (Saturday)	
Preparatory Leave	5 June (Sunday) - 7 June 2022 (Tuesday)	
End Semester Examination	8 June (Wednesday) - 15 June 2022 (Wednesday)	
Result Declaration	Friday, 24 June, 2022	
Registration for Re - Examination	25 June (Saturday) - 26 June 2022 (Sunday)	
Re - Examination	28 June (Tuesday) - 5 July 2022 (Tuesday)	
Re-Examination Result Declaration	Friday, 15 July, 2022	

Sports Days: 14 March to 22 March 2022 (After college Hours and on weekends)

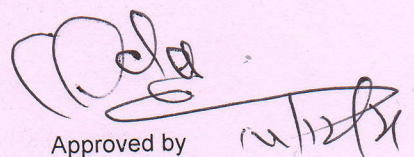

14/12/21

Prepared and Proposed By
Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**

 
14/12/2021

Recommended By
Dr. Sunita Barve and Dr. Arika Kotha
**Deputy Director (Academics and
Research) and Controller of
Examination**


12/12/21

Approved by
Dr. Mahesh D Goudar

Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU Alandi (D), Pune - 412 105	INSTITUTIONAL ACADEMIC CALENDAR	
	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	I (TY and B Tech)
	W.E.F.	02/08/2021

Description	Start Date	End Date
Semester - I (TY and B.TECH)		
Commencement and Conclusion	2 Aug 2021 (Monday)	27 Nov 2021 (Saturday)
Mid Semester Examination	TY and B.Tech: 20 Sept 2021 (Monday) - 26 Sept 2021 (Sunday)	
Project Reviews	First Review: 16 Sept 2021 (Thursday)	
	Second Review: 21 Oct 2021 (Thursday)	
Teaching End and Final Detention List	27 Nov 2021 (Saturday)	
Practical Exams	TY, B Tech: 29 Nov (Monday) - 9 Dec 2021 (Thursday)	
Project Exams	10 Dec 2021 (Friday)	
Term End	TY, BTech: 10 Dec 2021 (Friday)	
Preparatory Leave	TY, B Tech: 11 Dec 2021 (Saturday) - 13 Dec 2021 (Monday)	
End Semester Examination	TY, B Tech: 14 Dec (Tuesday) - 24 Dec 2021 (Friday)	
Result Declaration	2 Jan 2022 (Sunday)	
Registration for Re - Examination	TY, B Tech: 3 Jan 2022 (Monday) - 5 Jan 2022 (Wednesday)	
Re - Examination	TY, B Tech: 11 Jan 2022 (Tuesday) - 20 Jan 2022 (Thursday)	
Result Declaration (Re Examination)	25 Jan 2022 (Tuesday)	
Orientation for the Next Semester	27 Dec 2021 (Monday)	
Commencement of Next Academic Year	3 Jan 2022 (Monday)	

S. B. Dave
18.06.2021
Dean - Academics

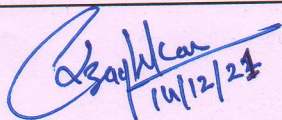
[Signature]
18/6/2021
Controller of Examinations

[Signature]
Director

MIT Academy of Engineering An Autonomous Institute Affiliated to SPPU	INSTITUTIONAL ACADEMIC CALENDAR	
Alandi (D), Pune - 412 105	ACADEMIC YEAR	2021 - 2022
	TERM / TRIMESTER	II (TY and B Tech)
	W.E.F.	3/01/2022

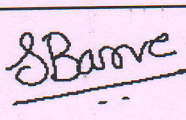
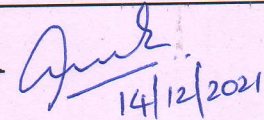
Description	Start Date	End Date
Semester - II (TY and B.TECH)		
Commencement and Conclusion	Monday, 3 January, 2022	Saturday, 21 May, 2022
Mid Semester Examination	TY and B.Tech: 28 Feb (Monday) - 06 March 2022 (Sunday)	
Project Reviews	First Review:- TY: 11 Feb, B Tech: 18 Feb (Friday) 2022	
	Second Review:- TY: 8 April, B Tech: 15 April (Friday) 2022	
Equilibrium 2022 (a national level Technical event)	Wednesday, 23 March and Thursday, 24 March 2022	
Annual Social Gathering	Friday, 25 March, and Saturday, 26 March 2022	
Teaching End and Final Detention List	Saturday, 23 April, 2022	
Practical Exams	TY, B Tech: 25 April (Monday) - 7 May 2022 (Saturday)	
Project Exams	Saturday, 30 April and 7 May 2022	
Term End	TY, B.Tech: 7 May 2022 (Friday)	
Preparatory Leave	TY, B Tech: 8 May (Sunday) - 10 May 2022 (Tuesday)	
End Semester Examination	TY, B Tech: 11 May (Wednesday) - 21 May 2022 (Saturday)	
Result Declaration	6 June (Monday) 2022	
Registration for Re - Examination	TY, B Tech: 6 June (Monday) - 8 June 2022 (Wednesday)	
Re - Examination	TY, B Tech: 14 June (Tuesday) - 23 June 2022 (Thursday)	
Re-Examination Result Declaration	Thursday, 30 June, 2022	

Sports Days: 14 March to 22 March 2022 (After college Hours and on weekends)

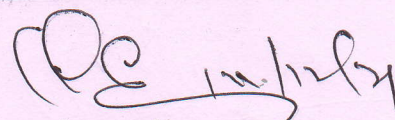

14/12/21

Prepared and Proposed By
Mr. Nilesh C Baglekar

**Institutional Time table
coordinator**

 
14/12/2021

Recommended By
Dr. Sunita Barve and Dr. Arika Kotha
**Deputy Director (Academics and
Research) and Controller of
Examination**


14/12/21

Approved by
Dr. Mahesh D Goudar

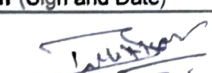
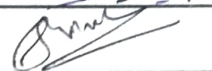
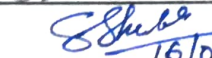
Director

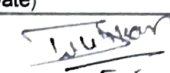
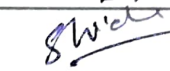
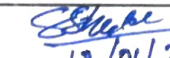
MIT Academy of Engineering [An Autonomous Institute]	LAB COURSE RECORD		COURSE INSTRUCTOR Mr. Bhaskar D Wabhitkar
			COURSE Geotechnical Engg.
Alandi (D), Pune - 412105	ACADEMIC YEAR 2021-22	CLASS SY	BLOCK S1
SCHOOL OF MECHANICAL & CIVIL ENGG.	SEM III	CYCLE NA	HRS / WEEK 2

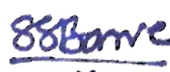
EX PT	Experiment Planned	CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
						CC / II	Dean
A	Introduction of Geotechnical Engineering lab	1,2	13/09/2021	13/09/2021	Conducted as per plan	8	
	Specific gravity of soil & Water content of soil		20/09/2021	20/09/2021			
	Sieve Analysis of soil		27/09/2021	27/09/2021			
B	Determine the atterbergs limits	1,2,3	4/10/2021	4/10/2021	-11-	8	SS
	Permiability of soil & Swelling index of soil		11/10/2021	11/10/2021			
	Density of soil by core cutter		18/10/2021	18/10/2021			
C	OMC & MDD test on soil	2,4	25/10/2021	25/10/2021	-11-	8	SS
	Density of soil by sand replacment		15/11/2021	15/11/2021			
	Unconfined compressive strength of soil		22/11/2021	22/11/2021			
D	Direct shear test	4	29/11/2021	29/11/2021	-11-	8	SS
	Triaxial Shear test		6/12/2021	6/12/2021			
	Project based on above test		13/12/2021	13/12/2021			
E	Project based on above test	6	20/12/2021	30/12/2021	-11-	8	SS
			27/12/2021	27/12/2021			
			3/1/2022	3/1/2022			

TOTAL EXPT. PLANNED	15
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TOTAL EXPT. CONDUCTED	15
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Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 16/09/2021

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 10/01/2022

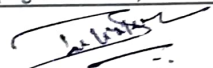
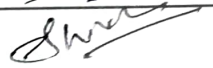
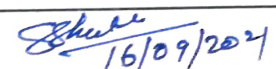
Verified by

Dean - Academics


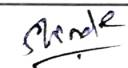
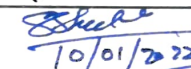
MIT Academy of Engineering (An Autonomous Institute)	LAB COURSE RECORD		COURSE INSTRUCTOR Mr. Bhaskar D Wabhitkar
			COURSE Geotechnical Engg.
Alandi (D), Pune - 412105	ACADEMIC YEAR 2021-22	CLASS SY	BLOCK S2
SCHOOL OF MECHANICAL & CIVIL ENGG.	SEM III	CYCLE NA	HRS / WEEK 2

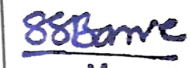
EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Introduction of Geotechnical Engineering lab	1,2	14/09/2021	14/09/2021	Conducted as per plan	8	SS
	A2	Specific gravity of soil & Water content of soil		21/09/2021	21/09/2021			
	A3	Sieve Analysis of soil		28/09/2021	28/09/2021			
B	B1	Determine the atterbergs limits	1,2,3	10/05/2021	05/10/2021	- " -	8	-
	B2	Permiability of soil & Swelling index of soil		10/12/2021	10/10/2021			
	B3	Density of soil by core cutter		19/10/2021	19/10/2021			
C	C1	OMC & MDD test on soil	2,4	26/10/2021	26/10/2021	- " -	8	SS
	C2	Density of soil by sand replacment		16/11/2021	16/11/2021			
	C3	Unconfined compressive strength of soil		23/11/2021	23/11/2021			
D	D1	Direct shear test	4	30/11/2021	30/11/2021	- " -	8	SS
	D2	Triaxial Shear test		7/12/2021	7/12/2021			
	D3	Project based on above test		14/12/2021	14/12/2021			
E	E1	Project based on above test	6	21/12/2021	21/12/2021	- " -	8	SS
				28/12/2021	28/12/2021			
				4/1/2022	4/1/2022			

TOTAL EXPT. PLANNED	15
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TOTAL EXPT. CONDUCTED	15
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Start of Term (Sign and Date)	
Course Insructor	
Class Coordinator / Instructor Incharge	
Dean	 16/09/2021

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 10/01/2022

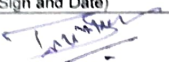

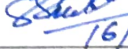
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Dean - Academics

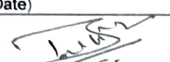


MIT Academy of Engineering (An Autonomous Institute) Alandi (D), Pune - 412105 SCHOOL OF MECHANICAL & CIVIL ENGG.	LAB COURSE RECORD		COURSE INSTRUCTOR Mr. Bhaskar D Wabhitkar
			COURSE Geotechnical Engg. CLASS DSY BLOCK S4 CYCLE NA HRS / WEEK 2
	ACADEMIC YEAR 2021-22		
	SEM III		


EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Introduction of Geotechnical Engineering lab	1,2	14/09/2021	14/09/2021	Conducted as per Plan	8	
	A2	Specific gravity of soil & Water content of soil		21/09/2021	21/09/2021			
	A3	Sieve Analysis of soil		28/09/2021	28/09/2021			
B	B1	Determine the atterbergs limits	1,2,3	5/10/2021	5/10/2021	Conducted as per Plan	8	SS
	B2	Permiability of soil & Swelling index of soil		12/10/2021	12/10/2021			
	B3	Density of soil by core cutter		19/10/2021	19/10/2021			
C	C1	OMC & MDD test on soil	2,4	26/10/2021	26/10/2021	Conducted as per Plan	8	SS
	C2	Density of soil by sand replacment		16/11/2021	16/11/2021			
	C3	Unconfined compressive strength of soil		23/11/2021	23/11/2021			
D	D1	Direct shear test	4	30/11/2021	30/11/2021	Conducted as per Plan	8	SS
	D2	Triaxial Shear test		7/12/2021	12/07/2021			
	D3	Project based on above test		14/12/2021	14/12/2021			
E	E1	Project based on above test	6	21/12/2021	21/12/2021	Conducted as per Plan	8	SS
				28/12/2021	28/12/2021			
				4/1/2022	4/1/2022			

TOTAL EXPT. PLANNED	15
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TOTAL EXPT. CONDUCTED	15
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Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 16/09/2021

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 10/01/2022

Verified by

Dean - Academics

MIT Academy of Engineering (An Autonomous Institute) Alandi (D), Pune - 412105 SCHOOL OF MECHANICAL & CIVIL ENGG.	LAB COURSE RECORD		COURSE INSTRUCTOR	Mr. Bhaskar D Wabhitkar
			COURSE	Geotechnical Engg.
	ACADEMIC YEAR	2021-22	CLASS	DSY
	SEM	III	BLOCK	S3
			CYCLE	NA
			HRS / WEEK	2

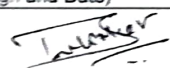
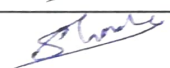
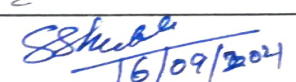
EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Introduction of Geotechnical Engineering lab	1,2	14/09/2021	14/09/2021	Conducted as per Plan	8	SS
	A2	Specific gravity of soil & Water content of soil		21/09/2021	21/09/2021			
	A3	Sieve Analysis of soil		28/09/2021	28/09/2021			
B	B1	Determine the atterbergs limits	1,2,3	5/10/2021	5/10/2021	Conducted as per Plan	8	SS
	B2	Permiability of soil & Swelling index of soil		12/10/2021	12/10/2021			
	B3	Density of soil by core cutter		19/10/2021	19/10/2021			
C	C1	OMC & MDD test on soil	2,4	26/10/2021	26/10/2021	Conducted as per Plan	8	SS
	C2	Density of soil by sand replacement		16/11/2021	16/11/2021			
	C3	Unconfined compressive strength of soil		23/11/2021	23/11/2021			
D	D1	Direct shear test	4	30/11/2021	30/11/2021	Conducted as per Plan	8	SS
	D2	Triaxial Shear test		7/12/2021	12/07/2021			
	D3	Project based on above test		14/12/2021	14/12/2021			
E	E1	Project based on above test	6	21/12/2021	21/12/2021	Conducted as per Plan	8	SS
				28/12/2021	28/12/2021			
				4/1/2022	4/1/2022			

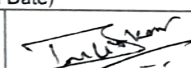
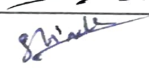
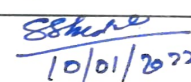
TOTAL EXPT. PLANNED

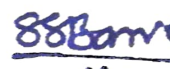
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TOTAL EXPT. CONDUCTED

15

Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 16/09/2021

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	 10/01/2022




Verified by

Dean - Academics

<div><div><div>MIT</div><div>Academy of Engineering</div><div>(An Autonomous Institute)</div></div></div>	THEORY COURSE RECORD		COURSE INSTRUCTOR	D. K. CHAUDHARI
			COURSE	SURVEYING & GEOSPATIAL ENGG
Alandi (D), Pune - 412105	ACADEMIC YEAR	2021-22	CLASS	SY B-TECH
SCHOOL OF MECH. & CIVIL ENGG.			DIVISION / BLOCK	NA
	SEM / TRI	IV	CYCLE	NA
LECT / WEEK			3 HRS	

Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
1	1.1	Introduction: Principle of surveying, classification of surveys. Introduction to coordinate systems	1	1	01/02/2022	1/2	conducted as per plan		
2	1.2	Applications of surveying. Equipment used in surveying	2	1	03/02/2022	3/2			
3	1.3	Concept of temporary and permanent adjustments. Errors in measurements- sources and types.	2	1	03/02/2022	3/2			
4	1.4	Spirit levelling- different types of levels and staves; booking and reduction of data, methods of levelling, errors in levelling.	3	1	08/02/2022	8/2			
5	1.5	Introduction to EDM: Study of Total Station.	1,4	1	10/02/2022	10/2			
6	1.6	Distance and Coordinate Measurement, Elevation Measurement	1,5	1	10/02/2022	10/2			
7	1.7	Contours- characteristics, uses, and methods of contouring, contour maps, drawing sections, contouring using software.	6	1	15/02/2022	15/2			

Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - in case of variance)	Monitored by	
								CC / II	Dean
8	1.8	Calculations: Computation of areas from plans, calculation of areas of a closed traverse,	7	3	17/02/2022	17/2			
9	1.9	Measurements from cross section, earth work calculations, practical problems.	8	1	17/02/2022	17/2			
10	2.1	Theodolites- different types, methods of observation and booking of data,	9	1.2	22/02/2022	22/2			
11	2.2	Optical methods for linear measurement- Theodolite and Total station	9	2	24/02/2022	24/2			
12	2.3	Concept of bearings and angles; magnetic bearings	10	2	24/02/2022	24/2			
13	2.4	declination, local attraction errors and adjustments	10	2	02/03/2022	24/2			
14	2.5	direction measurement with theodolite,	11	2	03/03/2022	3/3			
15	2.6	horizontal angles by repetition and reiteration, vertical angles	11	2	03/03/2022	3/3			
16	2.7	Measurement of reduced levels of inaccessible locations	12	1.2	08/03/2022	8/3			
17	3.1	Purpose and classification of traversing,	13	3	10/03/2022	10/3			
18	3.2	traversing with a theodolite and EDM- balancing of traverses	13	3	10/03/2022	10/3			
19	3.3	Computation of coordinates	14	3	15/03/2022	15/3			
20	3.4	omitted measurements	14	3	17/03/2022	17/3			
21	3.5	Measurement of deflection angles using transit theodolite and magnetic bearing	15	3	17/03/2022	17/3			




Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - in case of variance)	Monitored by	
								CC / II	Dean
22	3.6	Triangulation- network, strength of figures	16	3	21/03/2022	21/3			
23	3.7	Selection of stations, intervisibility, satellite stations	17	2,3	21/03/2022	21/3			
24	3.8	measurements and computations	17	2,3	22/03/2022	22/3		<i>f</i>	<i>ss</i>
25	4.1	Curve setting: Types of curves, elements of a curve	18,20	4	05/04/2022	25/4	DOB joined the institute		
26	4.2	Setting out a simple curve (Horizontal)	19	4	07/04/2022	28/4	.		
27	4.3	Setting out a simple curve (Horizontal)	19	4	07/04/2022	28/4			
28	4.4	Types of vertical curves	21	4	12/04/2022	02/5			
29	4.5	Setting out vertical curves	21	4	12/04/2022	03/5			
30	4.6	Engineering project surveys- requirements and specifications	22	4	19/04/2022	05/5		<i>f</i>	<i>ss</i>
31	4.7	Various stages of survey work	23	4	19/04/2022	06/5			
32	4.8	Setting out of works- buildings	24	4	21/04/2022	06/5			
33	5.1	Remote Sensing: Fundamentals of remote sensing- definition & overview of remote sensing	25	5	21/04/2022	19/5			
34	5.2	electromagnetic spectrum, concept of resolution, earth observation satellite & their characteristics	25	5	26/04/2022	12/5			

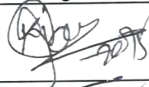
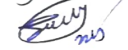

Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
35	5.3	earth observation satellite & their haracteristics GIS: introduction to GIS definition, evolution,	26	5	28/04/2022	12/5			
36	5.4	GIS: introduction to GIS definition, evolution, components of GIS, Input data, GIS data models	27	5	28/04/2022	16/5			
37	5.5	GIS: address geocoding, digital image processing	27	5	05/05/2022	17/5			
38	5.6	Introduction to Aerial Photogrammetry: vertical & oblique photography,	28	5	05/05/2022	17/5			
39	5.7	scale, image parallax, geodetic reference co- ordinate system	28	5	10/05/2022	18/5			
40	5.8	geodetic reference co-ordinate system, introduction digital elevation mode	28	5	12/05/2022	19/5			
41	6.1	Types of errors, propagation of errors	29	6	12/05/2022	19/5			
42	6.2	Variance and covariance	29	6	17/05/2022	19/5			
43	6.3	Least squares principle and adjustment of field survey data by parametric	30	6	19/05/2022	20/5			
44	6.4	Least squares principle and adjustment of field survey data by condition equation methods	30	6	19/05/2022	20/5			SP


Lect. No.	Topics to be Delivered	TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
							CC / II	Dean

TOTAL LECTURES PLANNED	44
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TOTAL LECTURES CONDUCTED	44
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Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

Verified by

Dean - Academics

MIT Academy of Engineering [An Autonomous Institute]	LAB COURSE RECORD		COURSE INSTRUCTOR	D. K. CHAUDHARI
			COURSE	SURVEYING GEOSPATIAL ENGG
Alandi (D), Pune - 412105	ACADEMIC YEAR	2021-22	CLASS	SY B Tech-S1
SCHOOL OF MECHANICAL & CIVIL ENGG.	SEM / TRI	IV	DIVISION / BLOCK	NA
			CYCLE	NA
			HRS / WEEK	2

EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Measurement of bearing by Prismatic compass	CO1	7/2/2022	7/2			
	A2	RLs off undulating ground, HI method		14/2/2022	14/2			
	A3	Mini Road Project		21/2/2022	21/2			
	A4	Profile measurement of undulating ground	CO1	28/2/2022	28/2			
	A5	Contouring Project with Total Station/Auto level		7/3/2022	7/3			
	A6	Closed traversing by Prismatic compass & 1" Micro-opt	CO3	14/3/2022	14/3			
B	B1	Stakeout measurements by Total Station	CO3 & CO6	21/3/2022	21/3			
	B2	Closed traversing with total station plan of a populated area		4/4/2022	22/04	DBB joined the institute		
	B3	Reduced level of inaccessible point (1" Micro-optic Theodolite instruments are in straight line but at different heights)	CO2	11/4/2022	25/04			

EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
	B4	Setting out of foundation plan with total station	CO5 &	18/04/2022	30/4			
	B5	Setting out of curves	CO6	25/04/2022	30/4			
C	C1	Digital Elevation Model in QGIS	CO5	2/5/2022	30/4			
	C2	Digital Elevation Model in QGIS		9/5/2022	25			
	C3	Digital Elevation Model in QGIS		16/5/2022	9/5			

TOTAL EXPT. PLANNED	14
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TOTAL EXPT. CONDUCTED	13
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Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

Verified by
Dean - Academics


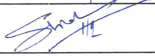

<div><div>MIT</div><div>Academy of Engineering</div><div>(An Autonomous Institute)</div></div>	LAB COURSE RECORD		COURSE INSTRUCTOR	D. K. CHAUDHARI
			COURSE	SURVEYING GEOSPATIAL ENGG
Alandi (D), Pune - 412105	ACADEMIC YEAR	2021-22	CLASS	SY B Tech-S2
SCHOOL OF MECHANICAL & CIVIL ENGG.			DIVISION / BLOCK	NA
	SEM / TRI	IV	CYCLE	NA
HRS / WEEK			2	




EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Measurement of bearing by Prismatic compass	CO1	2/2/2022	2/2			
	A2	RLs off undulating ground, HI method		9/2/2022	9/2			
	A3	Mini Road Project		16/2/2022	16/2			
	A4	Profile measurement of undulating ground	CO1	23/2/2022	23/2			
	A5	Contouring Project with Total Station/Auto level		2/3/2022	2/3			
	A6	Closed traversing by Prismatic compass & 1" Micro-opt	CO3	9/3/2022	9/3			
B	B1	Stakeout measurements by Total Station	CO3	16/3/2022	16/3			
	B2	Closed traversing with total station plan of a populated area	CO6	21/3/2022	21/3			
	B3	Reduced level of inaccessible point (1" Micro-optic Theodolite instruments are in straight line but at different heights)	CO2	6/4/2022	25/4	DBB joined the institute		


EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
	B4	Setting out of foundation plan with total station	CO5 & CO6	13/4/2022	30/4		8	
	B5	Setting out of curves		20/4/2022	30/4			
C	C1	Comparison between Angular and Linear measurements for closed traverse with Prismatic Compass and Total Station or 1" Theodolite	CO5	27/4/2022	30/4			
D	D1	To determine the RL of inaccessible point using 1' theodolite (Same Vertical Plane)		4/5/2022	4/5			
	D2	To determine the RL of inaccessible point using 1' theodolite (Different Vertical Plane)		11/5/2022	11/5		5	

TOTAL EXPT. PLANNED	14
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
TOTAL EXPT. CONDUCTED	14
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Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	





End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

Verified by

Dean - Academics

<div><div><div>MIT</div><div>Academy of Engineering</div><div>(An Autonomous Institute)</div></div></div>	THEORY COURSE RECORD		COURSE INSTRUCTOR	D. K. CHAUDHARI
			COURSE	SURVEYING & GEOSPATIAL ENGG
Alandi (D), Pune - 412105	ACADEMIC YEAR	2021-22	CLASS	SY B-TECH
SCHOOL OF MECH. & CIVIL ENGG.			DIVISION / BLOCK	NA
	SEM / TRI	IV	CYCLE	NA
LECT / WEEK			3 HRS	

Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
1	1.1	Introduction: Principle of surveying, classification of surveys. Introduction to coordinate systems	1	1	06/04/2022	6/4			
2	1.2	Applications of surveying. Equipment used in surveying	2	1	08/04/2022	8/4			
3	1.3	Concept of temporary and permanent adjustments. Errors in measurements- sources and types.	2	1	08/04/2022	8/4			
4	1.4	Spirit levelling- different types of levels and staves; booking and reduction of data, methods of levelling, errors in levelling.	3	1	13/04/2022	13/4			
5	1.5	Introduction to EDM: Study of Total Station.	1,4	1	15/04/2022	15/4			
6	1.6	Distance and Coordinate Measurement, Elevation Measurement	1,5	1	15/04/2022	15/4			
7	1.7	Contours- characteristics, uses, and methods of contouring, contour maps, drawing sections, contouring using software.	6	1	20/04/2022	20/4			

Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
8	1.8	Calculations: Computation of areas from plans, calculation of areas of a closed traverse,	7	3	22/04/2022	22/4			
9	1.9	Measurements from cross section, earth work calculations, practical problems.	8	1	22/04/2022	22/4			
10	2.1	Theodolites- different types, methods of observation and booking of data,	9	1,2	27/04/2022	27/4			
11	2.2	Optical methods for linear measurement- Theodolite and Total station	9	2	29/04/2022	29/4			
12	2.3	Concept of bearings and angles; magnetic bearings	10	2	29/04/2022	29/4		S	
13	2.4	declination, local attraction errors and adjustments	10	2	02/05/2022	2/5			S
14	2.5	direction measurement with theodolite,	11	2	04/05/2022	4/5			
15	2.6	horizontal angles by repetition and reiteration, vertical angles	11	2	06/05/2022	6/5			
16	2.7	Measurement of reduced levels of inaccessible locations	12	1,2	06/05/2022	6/5			
17	3.1	Purpose and classification of traversing,	13	3	09/05/2022	9/5			
18	3.2	traversing with a theodolite and EDM- balancing of traverses	13	3	11/05/2022	11/5			
19	3.3	Computation of coordinates	14	3	13/05/2022	13/5			
20	3.4	omitted measurements	14	3	13/05/2022	13/5			
21	3.5	Measurement of deflection angles using transit theodolite and magnetic bearing	15	3	16/05/2022	16/5			
22	3.6	Triangulation- network, strength of figures	16	3	18/05/2022	18/5		S	

Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
23	3.7	Selection of stations, intervisibility, satellite stations	17	2,3	20/05/2022	20/5			
24	3.8	measurements and computations	17	2,3	20/05/2022	20/5			
25	4.1	Curve setting: Types of curves, elements of a curve	18,20	4	30/05/2022	30/5			
26	4.2	Setting out a simple curve (Horizontal)	19	4	01/06/2022	1/6			
27	4.3	Setting out a simple curve (Horizontal)	19	4	03/06/2022	3/6			
28	4.4	Types of vertical curves	21	4	03/06/2022	3/6			
29	4.5	Setting out vertical curves	21	4	06/06/2022	6/6			
30	4.6	Engineering project surveys- requirements and specifications	22	4	08/06/2022	8/6			
31	4.7	Various stages of survey work	23	4	10/06/2022	10/6			
32	4.8	Setting out of works- buildings	24	4	10/06/2022	10/6			
33	5.1	Remote Sensing: Fundamentals of remote sensing- definition & overview of remote sensing	25	5	13/06/2022	13/6			
34	5.2	electromagnetic spectrum, concept of resolution, earth observation satellite & their characteristics	25	5	15/06/2022	15/6			
35	5.3	earth observation satellite & their characteristics GIS: introduction to GIS definition, evolution,	26	5	17/06/2022	17/6			


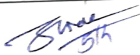
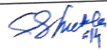
Lect. No.	Topics to be Delivered		TLO No.	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - in case of variance)	Monitored by	
								CC / II	Dean
36	5.4	GIS: introduction to GIS definition, evolution, components of GIS, Input data, GIS data models	27	5	17/06/2022	17/6			
37	5.5	GIS: address geocoding, digital image processing	27	5	20/06/2022	17/6	Extra session		
38	5.6	Introduction to Aerial Photogrammetry: vertical & oblique photography.	28	5	20/06/2022	20/6			
39	5.7	scale, image parallax, geodetic reference co-ordinate system	28	5	22/06/2022	20/6			
40	5.8	geodetic reference co-ordinate system, introduction digital elevation mode	28	5	24/06/2022	22/6			
41	6.1	Types of errors, propagation of errors	29	6	24/06/2022	24/6			
42	6.2	Variance and covariance	29	6	27/06/2022	24/6			
43	6.3	Least squares principle and adjustment of field survey data by parametric	30	6	27/06/2022	27/6			
44	6.4	Least squares principle and adjustment of field survey data by condition equation methods	30	6	29/06/2022	29/6		8	8

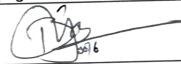


TOTAL LECTURES PLANNED


44

TOTAL LECTURES CONDUCTED

43

Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

Verified by

Dean - Academics




MIT Academy of Engineering (An Autonomous Institute)	LAB COURSE RECORD		COURSE INSTRUCTOR	D. K. CHAUDHARI
			COURSE	SURVEYING GEOSPATIAL ENGG
Alandi (D), Pune - 412105	ACADEMIC YEAR	2021-22	CLASS	SY B Tech-S4
SCHOOL OF MECHANICAL & CIVIL ENGG.	SEM / TRI	IV	DIVISION / BLOCK	NA
			CYCLE	NA
			HRS / WEEK	2



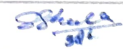
EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Measurement of bearing by Prismatic compass	CO1	6/4/2022	6/4			
	A2	RLs off undulating ground, HI method		13/4/2022	13/4			
	A3	Mini Road Project		20/4/2022	20/4			
	A4	Profile measurement of undulating ground	CO1	27/4/2022	27/4			85
	A5	Contouring Project with Total Station/Auto level		30/4/2022	30/4			
	A6	Closed traversing by Prismatic compass & 1" Micro-opt	CO3	4/5/2022	4/5			
B	B1	Stakeout measurements by Total Station	CO3 & CO6	7/5/2022	7/5			
	B2	Closed traversing with total station plan of a populated area		11/5/2022	11/5			
	B3	Reduced level of inaccessible point (1" Micro-optic Theodolite instruments are in straight line but at different heights)	CO2	18/5/2022	18/5			


EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
	B4	Setting out of foundation plan with total station	CO5	1/6/2022	1/6			SS
	B5	Setting out of curves	CO6	8/6/2022	8/6			
C	C1	Comparison between Angular and Linear measurements for closed traverse with Prismatic Compass and Total Station or 1" Theodolite	CO5	15/6/2022	15/6		8	
D	D1	To determine the RL of inaccessible point using 1" theodolite (Same Vertical Plane)		22/6/2022	22/6			
	D2	To determine the RL of inaccessible point using 1" theodolite (Different Vertical Plane)		29/6/2022	29/6		8	SS

TOTAL EXPT. PLANNED	14
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TOTAL EXPT. CONDUCTED	14
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Start of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

End of Term (Sign and Date)	
Course Instructor	
Class Coordinator / Instructor Incharge	
Dean	

Verified by

Dean - Academics

<div><div>MIT</div><div>Academy of Engineering</div><div>[An Autonomous Institute]</div></div>	LAB COURSE RECORD		COURSE INSTRUCTOR	D. K. CHAUDHARI	
			COURSE	SURVEYING GEOSPATIAL ENGG	
	Alandi (D), Pune - 412105	ACADEMIC YEAR	2021-22	CLASS	SY B Tech-S3
	SCHOOL OF MECHANICAL & CIVIL ENGG.			DIVISION / BLOCK	NA
SEM / TRI		IV	CYCLE	NA	
	HRS / WEEK		2		

EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
A	A1	Measurement of bearing by Prismatic compass	CO1	6/4/2022	6/4		8	
	A2	RLs off undulating ground, HI method		13/4/2022	13/4			
	A3	Mini Road Project		20/4/2022	20/4			
	A4	Profile measurement of undulating ground	CO1	27/4/2022	27/4			22/5
	A5	Contouring Project with Total Station/Auto level		30/4/2022	30/4			
	A6	Closed traversing by Prismatic compass & 1" Micro-opt	CO3	4/5/2022	4/5			
B	B1	Stakeout measurements by Total Station	CO3 & CO6	7/5/2022	7/5		8	
	B2	Closed traversing with total station plan of a populated area		11/5/2022	11/5			
	B3	Reduced level of inaccessible point (1" Micro-optic Theodolite instruments are in straight line but at different heights)	CO2	18/5/2022	18/5			
	B4	Setting out of foundation plan with total station	CO5 & CO6	1/6/2022	1/6			
	B5	Setting out of curves		8/6/2022	8/6			
C	C1	Comparison between Angular and Linear measurements for closed traverse with Prismatic Compass and Total Station or 1" Theodolite		15/6/2022	15/6		8	8

EXPT	Experiment Planned		CO No.	Date of Plan	Date of Conduction	Remarks of Faculty (mandatory incase of variance)	Monitored By	
							CC / II	Dean
D	D1	To determine the RL of inaccessible point using 1' theodolite (Same Vertical Plane)	C05	22/6/2022	24/6			
	D2	To determine the RL of inaccessible point using 1' theodolite (Different Vertical Plane)		29/6/2022	29/6		<i>[Signature]</i>	<i>[Signature]</i>

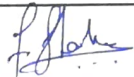
TOTAL EXPT. PLANNED	14
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TOTAL EXPT. CONDUCTED	15
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Start of Term (Sign and Date)	
Course Instructor	<i>[Signature]</i>
Class Coordinator / Instructor Incharge	<i>[Signature]</i>
Dean	<i>[Signature]</i>

End of Term (Sign and Date)	
Course Instructor	<i>[Signature]</i>
Class Coordinator / Instructor Incharge	<i>[Signature]</i>
Dean	<i>[Signature]</i>

Verified by
<i>[Signature]</i>
Dean - Academics

MIT Academy of Engineering (An Autonomous Institute)			THEORY COURSE RECORD				COURSE INSTRUCTOR	Mr. Sumit R. Patil	
							COURSE	BUILDING SERVICES	
Alandi (D), Pune - 412105			ACADEMIC YEAR		2021-2022		CLASS	B.TECH	
SCHOOL OF MECHANICAL AND CIVIL ENGG.							SEM		VII
			CYCLE	NA					
			LECT / WEEK	3					
Lect. No.	Topics to be Delivered		TLO	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
		Unit I: Plumbing & Sanitation							
1	1.1	Plumbing Systems	1	1	03.08.2021	03.08.2021	As per planned		
2	1.2	Various Materials for system like PVC, GI, AC, CI, HDPE, and Stoneware	2	1	04.08.2021	04.08.2021	—		
3	1.3	Various types of traps, Fittings, Chambers	3	1	06.08.2021	06.08.2021	—		
4	1.4	Need of Septic Tank	4	1	11.08.2021	13.08.2021	variance due to absence		
5	1.5	Concept of Plumbing & Drainage plan	5 & 6	1	13.08.2021	17.08.2021	—		
		Unit II: Rain water harvesting and water proofing							
6	2.1	Introduction to rainwater harvesting, Concept of rain water Gutters	7 & 8	2	17.08.2021	20.08.2021	—		
7	2.2	Rainwater outlet & Down Tank systems.	9	2	20.08.2021	20.08.2021	Extra lecture		

Lect. No.	Topics to be Delivered		TLO	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - incase of variance)	Monitored by	
								CC / II	Dean
8	2.3	Specifications as per IS Code.	10	2	25.08.2021	31.08.2021	due to other load lectures were not conducted. Adjustment is provided in next month.		
9	2.4	Waterproofing of New and Existing Structures Materials used	11	2	27.08.2021	01.09.2021			
10	2.5	Non Destructive Water Proofing, Water proofing of terraces	12 & 13	2	31.08.2021	02.09.2021	variance due to above missed lectures		
11	2.6	Damp Proofing .resistance to capillary action	14	2	01.09.2021	07.09.2021	— 11 —		
		Unit III: Electrification & Lighting							
12	3.1	Concealed & Open Wiring, Requirements & Location of various points	15 & 16	3	02.09.2021	08.09.2021	— 11 —		
13	3.2	Concept of earthing	17	3	08.09.2021	15.09.2021	— 11 —		
14	3.3	Natural and artificial lighting-principles and factors	18	3	14.09.2021	15.09.2021	— 11 —	attendance missing	
15	3.4	arrangement of luminaries, Distribution of illumination	18	3	15.09.2021	18.09.2021	— 11 —		
16	3.5	Utilization factors	19	3	15.09.2021	18.09.2021	— 11 —		
		Unit IV: Air conditioning & Thermal Insulation							
17	4.1	Air conditioning: Purpose, Classification	20	4	29.09.2021	28.09.2021	— 11 —		
18	4.2	Principles, Various Systems	21	4	30.09.2021	29.09.2021	— 11 —		

Lect. No.	Topics to be Delivered		TLO	CO No.	Date of Plan	Date of Conduction	Remark (mandatory - in case of variance)	Monitored by	
								CC / II	Dean
19	4.3	Various Industry requirements	22	4	05.10.2021	30.09.2021	—		
20	4.4	Thermal Insulation: General concept, Principles, Materials, Methods	23	4	07.10.2021	05.10.2021	—	P. Shalke	Shalke
21	4.5	Computation of Heat loss & heat gain in Buildings	24	4	12.10.2021	06.10.2021	—		
22	4.6	Computation of Heat loss & heat gain in Buildings	24	4	13.10.2021	07.10.2021	—		
		Unit V: Fire Safety							
23	5.1	Fire resistance in building, Fire protection precautions,	25	5	14.10.2021	13.10.2021	—		
24	5.2	confining of fire, fire hazards	25	5	20.10.2021	20.10.2021	—	P. Shalke	
25	5.3	Characteristics of fire resisting materials	26	5	26.10.2021	21.10.2021	—		
26	5.4	building materials and their resistance to fire	26	5	28.10.2021	26.10.2021	—		
27	5.5	fire load	27	5	02.11.2021	09.11.2021	—	P. Shalke	Shalke
28	5.6	fire load	27	5	09.11.2021	11.11.2021	—		
		Unit VI: Acoustics and Sound Insulation							

Lect No.	Topics to be Delivered	TH	FR	Date of Plan	Date of Completion	Remarks (Additional course of interest)	Submitted by S.F.H.	Here
38	R 1 Acoustics: Absorption of sound various materials	38	1	11.11.2023	11.11.2023			
39	R 4 Sabine's formula optimum reverberation time.	39	1	11.11.2023	11.11.2023			
40	R 4 Conditions for good acoustics	39	1	11.11.2023	11.11.2023			
41	R 4 Sound insulation: Absorbers noise levels, Noise prevention at the source	40	1	16.11.2023	16.11.2023			
42	R 4 Transmission of noise	40	1	20.11.2023	20.11.2023			
43	R 4 Noise control: Practical Applications	41	1	24.11.2023	24.11.2023			
TOTAL LECTURES PLANNED		38			TOTAL LECTURES COMPLETED		38	

Start of Term (Sign and Date)		End of Term (Sign and Date)		Verified by
Course Instructor	<i>[Signature]</i>	Course Instructor	<i>[Signature]</i>	<i>[Signature]</i>
Class Coordinator / Instructor Incharge	<i>[Signature]</i>	Class Coordinator / Instructor Incharge	<i>[Signature]</i>	
Dean	<i>[Signature]</i> 01/11/2023	Dean	<i>[Signature]</i> 01/11/2023	

Standard Operating Procedure

ACADEMIC PROCESSES

MIT Academy of Engineering

<https://mitaoe.ac.in/>



INDEX

1. TEACHING-LEARNING PROCESS
2. COURSE PLANNING/COURSE RECORD
3. INSTITUTIONAL ACADEMIC CALENDAR
4. TIME-TABLE
5. TEACHING WORKLOAD DISTRIBUTION
6. STUDENTS WITH DIVERSE LEARNING NEEDS



TEACHING-LEARNING PROCESS

Standard Operating Procedure

Title: TEACHING LEARNING PROCESS

Approval Dates: July 2019, Rev.No. 0.0

Responsibility: Dean Academics, School Deans

Beneficiaries: Students and Faculty

1. Purpose

The objective of these Standard Operating Procedures (SOPs) is to provide a clear/concise Procedure and Responsibilities of the Directors, Dean Academics, Controller of Examination, School Dean/s, Faculty, and Students, in Academic Process in every term. The procedures for academic term planning, implementations, and review are highlighted here for reference. This is also shared with the concerned party for ensuring the smooth functioning of the academic process in each term. All stakeholders must have a clear understanding of the procedures and the responsibilities that are assigned. The Institute must ensure sharing of information related to academic activities and procedures with all concerned. The Director is responsible for the overall implementation and running of the system and the Dean Academics/Controller of Examination/ School Deans are responsible for ensuring academic standards.

2. Definitions

- a. **Academic Term:** The length of the academic period in each academic calendar year within which courses are conducted.
- b. **Academic Calendar:** The Calendar is a comprehensive guide to all programs, courses, and services available at the MIT Academy of Engineering. The Calendar also serves as a record of many institute academic policies and procedures.



- c. **Time-Table:** A schedule of events/classes/laboratory sessions that organizes school/class/division activities throughout the day, week, and term.
- d. **Teaching Plan:** a student-centric course delivery and assessment schedule for an academic term with the objective to attain learning and course outcome.
- e. **Student's Academic Feedback:** Student's evaluation of the quality of instructions, assessment, and process.
- f. **Academic Audit:** The Academic Audit is a faculty-driven model of ongoing self-reflection, collaboration, teamwork, and peer and academic expert feedback.
- g. **Academic Quality Check:** Verification and validation of theory and practical sessions by the panel of faculty members for maintaining required quality in content design, delivery, and student engagement.

3. Procedure

- a. Every academic year shall start with term planning in association with all School Deans, All Dean, Controller of Examination, and directors. There are two (three for Post Graduation) regular terms in one academic year. One additional term will be offered in summer vacation called a remedial term for a few courses.
- b. The institute follows a credit-based, semester system for Under Graduation/ trimester system for Post Graduation.
- c. In general, a certain quantum of academic work measured in terms of credits is laid down as the requirement for a particular degree. A student earns credits by satisfactorily clearing courses/ other academic activities in every academic term.
- d. The Academic Term Planning shall be done to facilitate and support students in effectively learning the course curriculum and successfully attaining all course outcomes.
- e. The Academic term planning results in the Academic Calendar. The Academic Calendar of each term represents the schedule of starting and ending of the term along with assessments, project reviews, academic process reviews, and course outcome evaluation.



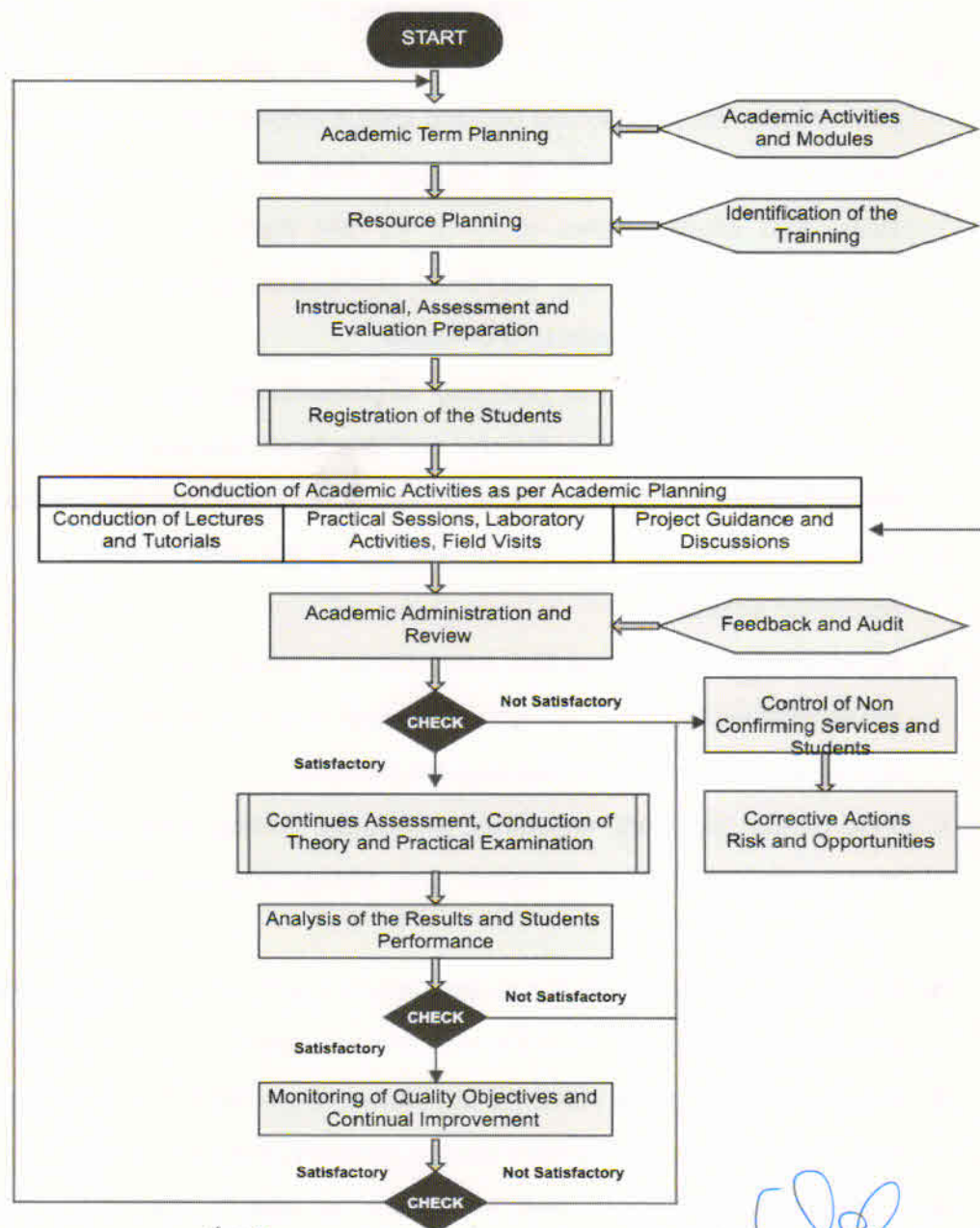
- f. Identification and allocation of all instructional resources such as faculty members, laboratories, classrooms, hardware, software, and other infrastructural requirements shall be done. The timetable of individual classes shall reflect week-wise instructional plans for the entire academic term.
- g. Faculty competencies are evaluated as per curriculum requirements and planning/schedule of faculty training shall be done and monitored at the school level.
- h. Faculty allocation for various courses shall be done as per the core knowledge, skills, and competencies required for the theory and practical contents of the curriculum. The teaching workload distribution document reflects the faculty in charge of various batches and divisions.
- i. Faculty shall initiate the planning of instructions, assessment, and evaluation of students for the tutorial, theory, and practical courses before the academic term starts. The course file represents all necessary details for the conduction of courses.
- j. Student registration shall be carried out at the start of every term before starting academic activities.
- k. All instructional activities like tutorial/theory sessions, practicals, field visits, project presentations, quizzes, assignments, and activities shall be conducted as per the academic calendar and class-wise timetables.
- l. In-semester students feedback, Academic Audits, and Academic Quality Check reports shall be used to review and further improve the academic process and performance.
- m. Continuous assessment and examinations shall be conducted as per the course plan and description declared at the start of each term.
- n. In-term and end-term students' performance and result analysis shall be carried out to further improve the content design, delivery, and assessment.
- o. Continuous monitoring and evaluation of quality objectives shall be done for continual improvement.



4. Reference Documents

Dean Academics ISO Record, School Dean ISO Record, Course Files

5. Flowchart



Prepared By, *S. S. Barve*
Member Secretary, Academic Council

Approved By, *[Signature]*
Chairman, Academic Council



COURSE PLANNING/COURSE RECORD

Standard Operating Procedure

Title:	Course Planning/Record
Approval Dates:	July 2019, Rev. No. 0.0
Responsibility:	Faculty
Beneficiaries:	Students and Faculty

1. Purpose

The purpose of Course Planning/Record Standard Operating Procedures (SOPs) is to provide a clear/concise Procedure and Responsibilities of the Faculty members in Course Planning. Course Planning is a faculty's detailed description of the course of instructions or "learning trajectory" of a course. The primary objective is to develop courses aligned with student learning outcomes. Course Planning in Outcome-Based Education (OBE) is a student-centric learning model that helps teachers to schedule the course delivery and assessment with the endpoint, course outcome, and program outcome in mind.

2. Definitions

- a. Course Record/Course Planning:** The planning of topic-wise content delivery and assessment as per course outcome expected.
- b. Course Description:** The course description of teaching and examination scheme, tentative schedule of various formative assessment methods, and its weights.

3. Procedure



- a. Course planning/Course Records describe what the students are supposed to learn or the goals/outcomes of the course, how to achieve these goals/outcomes, and the way of measuring the efficiency of achieving the goals/outcomes.
- b. Course planning/Course Records shall be creatively articulated by faculty members to guide class learning for a specific course.
- c. The Institutional Academic Calendar and Class Level Academic Calendar shall be used to plan course content delivery and assessment.
- d. The teaching scheme and Examination Scheme of the approved course syllabus shall be used to decide the outline of the plan.
- e. The course flow will vary as per the preference of the faculty members, type of the course, and needs of the students.
- f. Every session and flow of sessions shall be planned as per the expected topic level outcome, course outcome, program outcomes, and program-specific outcomes.
- g. The course planning and student learning experience shall be enriched by formative assessment methods used to conduct in-process evaluations of student comprehension, learning needs, and academic progress during a unit, or course.
- h. The details of the course objectives, planning, assessment, and outcomes, shall be declared as a Course Description at the start of the academic term.
- i. Content Beyond Syllabus, industry relevance, and additional exposure shall be provided through various Guests, Expert Sessions, training, workshop, etc. from various industries and academic institutions. This shall be included at the start of the term in course planning.
- j. There shall be at least 15 contact hours for one credit theory course and 30 contact hours for one credit practical course, in a particular academic term.
- k. The course planning shall help the students to find strengths, and weaknesses, and target areas that need additional work.



- l.** The course planning shall have provision to recognize where students are struggling in the learning process. Make-up sessions shall be provided to address problems/issues immediately during the conduct of the course.
- m.** There shall be provision to conduct make-up sessions for academically weak students and students who missed a few academic sessions due to medical issues/other specific issues.
- n.** This shall help to formally review the progress of the course and make the necessary changes to reinforce or extend learning.
- o.** Course planning shall be verified, validated and reviewed periodically for its successful implementation by the Course Instructor, Class Coordinator, School Deans, and Dean Academics.

4. Reference Documents

- a.** Theory Course Record
- b.** Lab Course Record
- c.** Course Description
- d.** Topic Level Outcomes
- e.** Course Objectives and Outcomes
- f.** Program Outcome and Program Specific Outcome
- g.** Mapping of Course and Program Outcome/Program Specific Outcome

Prepared By,



Dr. S. S. Bawe

Member Secretary, Academic Council

Approved By,



Chairman, Academic Council



INSTITUTIONAL ACADEMIC CALENDAR

Standard Operating Procedure

Title:	Institutional Academic Calendar
Approval Dates:	July 2019, Rev.No. 0.0
Responsibility:	Director, Dean Academics, School Deans, Institutional Time-Table Coordinator, Controller of Examination.
Beneficiaries:	Students and Faculty

1. Purpose:

Academic Calendars are useful tools for keeping track of academic activities, planned events, and various milestones. The objective of the Academic Calendar is,

- a. To allocate an optimized time span for each of the academic activities. viz. Start and End of the Term, Examinations, Preparatory Leaves, Sport, and Various Annual Events.
- b. To help the faculty and students with efficient planning of academic and supporting events.

2. Definition

- a. **Academic Term:** A portion of an academic year during which instructional, examinations, and related academic activities are conducted.
- b. **Instructional Days:** Instructional days mean any day or part of a day that students are expected to be in attendance for various academic activities.
- c. **Project Reviews:** Periodic Project Reviews of Undergraduate and Postgraduate Projects.



- d. Make-up Sessions:** Additional make-up sessions and assessments for weaker students.
- e. Remedial Term:** Additional term for slow learners and students requiring additional support for learning difficult courses.

3. Procedure

- a.** The Institutional Academic Calendar shall be designed as per the requirement of all classes in every program of MIT Academy of Engineering.
- b.** The number of instructional days in every academic term shall be decided as per the number of contact hours per week in curriculum structure and the average hours required to complete all courses of a particular class.
- c.** Guidelines of Savitribai Phule Pune University, University Grant Commission, and All India Council of Technical Education shall be considered for drafting the Academic Calendar.
- d.** The Academic Calendar shall clearly mention the period and number of days required for different types of examinations, such as mid-term, end-term, oral, and practical.
- e.** The Schedule of the periodic Project Reviews shall be included in the Academic Calendar.
- f.** The Academic Calendar shall also include information on result declaration, re-examination, and remedial terms as applicable and required.
- g.** The final Detention List schedule shall also be declared which implicitly shows the conduction of makeup sessions for slow learners, academically weaker students, and students who lost gradual consistency in learning.
- h.** Class Level Academic Calendar shall additionally mention Expert Guest Lectures, Field Visits, Industrial Visits, and Sessions for Content Beyond Syllabus and exposure to real-world through various academic and industry experts.



- i. Academic Calendar shall be released to students after verification and validation from all Heads/Deans, Controller of Examination, and Director.
- j. All Activities shall be conducted as per Academic Calendar and a report on adherence to the Academic Calendar shall be created at the end of each term.

4. Reference Documents

- a. Institutional Academic Calendar Format No. : MITAOE/ACAD/INST/7

Prepared By,



Dr. S. S. Bame

Member Secretary, Academic Council

Approved By,



Chairman, Academic Council



TIME-TABLE

Standard Operating Procedure

Title: Time-Table

Approval Dates: July 2019 Rev 0.0

Responsibility: Dean Academics, School Deans, Institutional Time-table Coordinator,
School Level Time-table Coordinator

Beneficiaries: Students and Faculty

1. Purpose

The purpose of the Standard Operating Procedure for Time Table is to optimally organize class activities throughout the day, week, or term. This is to ensure efficient utilization of the resources like Laboratories, Class_Rooms, Faculty Members, and Laboratory Assistants. This also ensures the effective utilization of shared resources for institute-level academic courses and activities. Standard guidelines for class-wise/batch-wise student strengths, interdisciplinary courses, resources sharing, and details of common activities are also given.

2. Definitions:

- a. Credit:** The credits associated with a course/ other academic activities are dependent on the number of hours of work expected to be put in by the student per week.

1 Lecture/Theory Hour = 1 Credit, 2 Lab Hours = 1 Credit, 1 Tutorial Hour = 1 Credit

- b. Office Hours:** Professors and teaching assistants schedule time outside of class to meet with students.



- c. **Mentoring Session:** A mentoring session is a meeting between a mentor and a mentee.
- d. **Project Sessions:** Slots allocated for project work, Guide Meetings, and conduction of project reviews.
- e. **Guest Talk Sessions:** Class-wise slots allocated for conducting Expert Guest Talk Sessions

3. Procedure

- a. Institute Academic Calendar, Class-wise Academic Calendar, Teaching Workload Distribution, Curriculum Structure shall be taken into consideration for Time-Table preparations for various classes.
- b. Common slots such as Project Sessions, Mentoring Sessions, Open Elective Theory and Practical Sessions, Institute Level Common Courses shall be decided first before Program level Theory or Practical Slots.
- c. The coordination meeting shall be carried out by all Dean Academics, School Deans, Time-table Coordinators, and Institutional Time-table Coordinator.
- d. School Time-table Coordinator shall allocate slots for school-level courses.
- e. School Time-table Coordinator shall allocate classroom and laboratory resources for their optimum utilization.
- f. Series of Verification and Validation of time-table shall be done to avoid any overlap in shared resources.
- g. Common Slot for Project shall be allocated for effective Team Work, Guide Meetings and Periodic Project Reviews. Common slots shall facilitate interdisciplinary project work also.
- h. Office hours shall be mentioned in the timetable so that students can meet teachers for doubt clearing and/or general or specific problem-solving.
- i. Mentoring sessions shall be allocated in timetables. This helps to take mentoring meetings on a regular basis, conducted in-person or virtual. The purpose of these



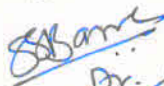
meetings is for mentors and mentees to exchange information and work together towards achieving the mentee's professional goals.

- j. Mentoring Sessions shall additionally be used for Professional guidance/Career advancement/Course work specific/ Lab specific/Holistic development of the students.
- k. The timetable shall also mention slots for Guest/Expert Sessions for providing additional knowledge, enhancing skills, and discussing content beyond the syllabus.

4. Reference Documents

- a. MITAOE/ACAD/INST/8: School academic calendar
- b. MITAOE/ACAD/INST/9: Class Wise Time Table
- c. MITAOE/ACAD/INST/10: Faculty Wise Time Table
- d. MITAOE/ACAD/INST/11: Lab Wise Time Table
- e. MITAOE/ACAD/INST/12: Class Room Wise Time Table

Prepared By,



Dr. S. S. Barve

Member Secretary, Academic Council

Approved By,



Chairman, Academic Council



TEACHING WORKLOAD DISTRIBUTION

Standard Operating Procedure

Title:	Teaching Workload Distribution
Approval Dates:	July 2019, Rev.No. 0.0
Responsibility:	Director, Dean Academics, School Deans, Time-Table Coordinator.
Beneficiaries:	Students and Faculty

1. Purpose

Standard Operating Procedure for Teaching Workload Distribution mentions the guideline for allocating instructors to various courses. Course Instructors play a vital role in the overall learning experience students are getting in academic terms. Allocation of course instructors to the courses is a comprehensive task including consideration of course outcome expected, expected course delivery, assessment, faculty competency, and overall workload balancing.

2. Definition

- a. Teaching Workload:** refers to the instructional hours per week for theory/practical/tutorial sessions.
- b. Faculty Competencies:** A professional teacher should possess essential competencies to deal with changing needs of our educational community, diversity of student groups, and rapid industrial growth.

3. Procedure:

- a. Faculty Competencies** shall be evaluated at the start of each academic year and necessary faculty development activities shall be conducted and encouraged to participate in.



- b. A team of faculty members shall be supported, trained, and developed for each theory, tutorial, and practical course offered by the school.
- c. This team of faculty members shall contribute to curriculum design, development, delivery, and evaluation. One of the faculty members shall be identified as Course Champion.
- d. Course Champion along with other faculty members in the team shall collect necessary inputs from all stakeholders for curriculum design, development, delivery, and assessment.
- e. Series of courses of specialization/skills in any field/topic shall additionally have a Track Champion for maintaining logical sequence in content delivery.
- f. Teaching Workload distribution shall be as per the guidelines University Grant Commission, All India Council of Technical Education, and Savitribai Phule Pune University.
- g. All faculty members shall at least contribute to three courses for Curriculum Design, Delivery, and Assessments in every Academic Year.
- h. Teaching workload distribution for every faculty shall be a combination of Theory and Practical Courses.
- i. Industry Experts can be identified for some courses and/or for the specific part of the course contents to provide exposure to the latest requirements of the industry, best practices followed in the professional world, and to reduce the gap between industry and Academia.
- j. Faculty shall design, deliver and assess different/newly introduced courses after three academic years.
- k. Senior faculty members need to preferably contribute in First Year, Second Year, and Third Year and then in Final Year B.Tech and M. Tech classes.
- l. All schools should take responsibility for common courses of Under Graduation and Post Graduation in proportion to their intake capacity. Support shall be extended to other schools also in case of requirements.



- m. Every Faculty member shall submit and work on the Research Plan submitted at the start of the Academic Year.
- n. All faculty members should devote at least two hours per day to mentoring/guiding the students.
- o. Relaxation of 2 hours in workload can be given in case faculty members are identified as research faculty.
- p. Relaxation of 2 hours in workload can be given in case faculty is involved in administration and outreach activities.

4. Reference Documents:

- a. Teaching Workload Distribution

Prepared By,

Dr. S. S. Barve
Member Secretary, Academic Council

Approved By,



Chairman, Academic Council



STUDENTS WITH DIVERSE LEARNING NEEDS

Standard Operating Procedure

Title:	Policy and Process for Students with Diverse Learning Needs
Approval Dates:	July 2019, Rev.No. 0.0
Responsibility:	Director, Dean Academics, School Deans, Time-Table Coordinator.
Beneficiaries:	Students and Faculty

1. Purpose

The engineering classrooms are a mixture of varied ability groups of students. The cognitive development and different learning abilities of these students can be traced back to their socio-cultural and techno-economic backgrounds. Standard Operating Procedure for students with Diverse Learning Needs shall help to identify such students and the provision of appropriate curriculum, pedagogy, and educational pathways that support their full academic, personal and social potential.

2. Definition

- a. **Advanced Learners:** Advanced Learners or bright students or high achievers are those students who are ahead on the learning curve and are quite visible.
- b. **Slow Learners:** Slow Learners are Learners whose learning pace is Slower than their peers.
- c. **Learning Style:** A learning style is a way that different students learn. The style of learning refers to an individual's preferred way to absorb, process, comprehending and retaining information.
- d. **Make-up Sessions:** Additional make-up sessions and assessments for weaker students.



- e. **Remedial Term:** Additional term for slow learners and students requiring additional support for learning difficult courses.

3. Procedure

The standard operating procedure to fulfill the diverse learning needs of a variety of students is described below.

a. Identification of Students with Diverse Learning Needs

The institute is very careful not to create any psychological division and label students as a particular type of learners. Therefore the process of identifying Diverse Learning Needs involves close observation of the learning style of the students, Participation of Students, formative and summative assessment performances, Project Performance, Periodic Professional Development tests, etc

- i. **Learning Style of the Students:** The **Learning Styles Questionnaire** shall be designed and used by teachers to understand diverse learning style of the students such as Visual learners, Auditory learners, Kinesthetic learners, and Reading/Writing based learners. The understanding of diverse learners helps to design further learning pathways for the students. The pedagogy and various assessment tools used, can further help to identify the learning style of the students and provide support accordingly.
- ii. The **participation of the students** in various Inclass, Outclass Activities and interactions is helpful to understand **students' inclinations, their needs, and weak areas of support.**
 - Some are self-confident while others have negative/low self-concepts
 - Some students are divergent thinking while others are convergent thinking;
 - Some are risk-taking while others are cautious;
 - Some are reflective while others are impulsive;
 - Some are extroverted while others are introverted;
 - Some are active and energetic while others are lethargic and sluggish;



- iii. **Formative and Summative Assessment of the Students:** The performance of the students in various activities and assignments conducted throughout the term and at the end of the term is used to gradually understand the advanced and slow learners.
- iv. **Project Performance:** The curriculum structure provides strong support for applying gained knowledge to different projects during the academic term. Progress Presentations, Reviews, Jury shall be used to understand students' ability to Solve Problems, Critical Thinking, Communication Skills, Team Work and Presentation skills. The rubrics of evaluation and individual performance shall be communicated to the students for continuous improvement.
- v. **Periodic Professional Development Tests:** The Performance in AI-based computer adaptive test to evaluate students/future job applicants on critical areas like communication skills, aptitude, logical reasoning, quantitative skills, and job-specific domain skills thus helping recruiters/industries to identify the suitability of a candidate for different job roles.
- vi. **Students with absenteeism/ intermittent breaks** in the gradual learning are also important factors to further support students.

b. Strategies for Advanced Learners/High Achievers/High Ability Students

- i. Characteristics of Advanced Learners: Good Analytical Skills, Proactive Attitude, Investigation Oriented, Good Comprehension
- ii. The curriculum contents shall be designed with scope for self-study, further reading, additional case studies, and complex laboratory exercises.
- iii. Design of comparatively complex assignments, and problem-solving exercises.
- iv. Expectation and Communication of High Level Project Work and Outcome of the same.
- v. Support for Participation in Consultancy Work
- vi. Opportunities for Technical clubs and Participation in National and International events/ competitions



c. Strategies for Slow Learners/Low Achievers/Low Ability Students

- i. Teacher's pedagogy and varying instructional techniques in the theory, tutorial, and practical classes for supporting slow learners.
- ii. Conduction of Group and Collaborative Activities with heterogeneous groups of slow, advanced learners, girls, and boys. Enabling of formal/informal Peer Tutoriaing during these collaborative activities.
- iii. Scope for Presentation and Active Participation in various presentations and activities.
- iv. MakeUp Sessions for students not performing well in formative assessment and/or absenteeism in a particular course. Makeup sessions shall be conducted during and at the end of the term to do Compensatory Teaching.
- v. MakeUp sessions shall immediately help students to return on track with their learning curve.
- vi. Providing of resources like Pre-Recorded Lectures/Notes/Additional Resources for study.
- vii. Additional Online Resources, Blogs, Youtube channels, and Web Resources.
- viii. The students who failed to earn credits for particular courses shall be allowed to appear for Reexamination after regular term examinations.
- ix. Remedial Term: The students who have not performed well in the entire term, end term examination and reexamination also, shall be further guided in Remedial Term in summer vacation. The remedial term shall be designed to conduct academic sessions and give instructions for various courses followed by remedial examinations.



d. Strategies for Low Soft Skill/Lack of Aptitude Students

- i. Soft skills include interpersonal (people) skills, communication skills, listening skills, time management, and empathy, among others. They are among the top skills employers seek in the candidates they hire.
- ii. The Major and Minor career assessment test shall help the students to understand their proficiency in Soft skills and Aptitude. The support of BTech Guru, AMCAT or any other relevant tool can be taken for performing these test.
- iii. The conduction of career asssement activities shall be encouraged such as Product Audit, Group Discussion with Personal Interviews by Alumni and Industry Experts and AMCAT SWAR:AI-based online Interviews.
- iv. Curriculum Support: The courses shall be introduced in curriculum to improve students' soft skills and Aptitude knowledge. English for Engineers, Professional Skills and Employability, and Career Development are included in curriculum for student development in soft skills and aptitude.
- v. Various formative assessment activities and periodic presentations shall be planned and implemented continuously. The rubrics of assessment help to understand students, Language Proficiency, Voice Modulation, Eye contact, Hand Gestures, Body Movement, Confidence, Content Delivery, and Knowledge.
- vi. Students shall be continuously guided and supported by the training/Placement office to further improve soft skills and aptitude.

e. Strategies for Low Technical Skills/Computing/Programming Skills

Following strategies shall used to support students in assessing and improving Technical Skills/Computing/Programming Skills,

- i. Internship programs short term and long term
- ii. Technical certifications
- iii. Major Career Assessment Test e.g. AMCAT



- iv. Technical Skill Development through Industrial CSR Activities, e.g. ZENSAR ESD, Cognizant DNP, Infosys SpringBoard, TCS NQT
- v. Collaboration with CodeChef for formative assessment
- vi. Programming Skill or Automata Assessment on AMCAT

f. Strategies for Students with absenteeism/ intermittent breaks in the gradual learning

- i. Additional instructional support in the form of Make-up sessions shall be provided for the students who fail to maintain their progressive learning curve/absenteeism in the particular courses/ intermittent breaks in gradual learning during the academic term.
- ii. Makeup sessions shall be conducted with the objective to help students to maintain their learning curve during the academic term.
- iii. Makeup sessions shall be conducted during and at the end of the term to do Compensatory Teaching

g. Strategies for Remedial Term

- i. The students who fail to successfully earn the credits of a particular course in the regular academic term shall be supported by an additional summer term called as Remedial Term.
- ii. The academic activity in the remedial term shall be for approximately 3 to 4 weeks as per the guidelines mentioned in the syllabus.
- iii. Assessment and Examination in remedial term shall be conducted as per examination scheme mentioned in the syllabus.

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