



Where talent meets opportunity

SRI SATYA SAI UNIVERSITY OF TECHNOLOGY AND MEDICAL SCIENCES

BOARD OF STUDIES MEETING(BOS)

**Name of School-School of Engineering
Department-Chemical Engineering**

2017-18 TO 2021-22

www.sssutms.co.in

Opp.Oilfed Plant, Bhopal-Indore Road,Sehore (M.P), Pin - 466001



(+91) 07562-292740 | 7562292720



Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

(Minutes of the Board of Studies Committee Meeting) School Of Engineering

Department of Chemical Engineering

Board of Studies Meeting of Chemical Engineering Department was conducted on 30.06.2021 at 2:00 PM Venue: HOD Room, Department of Chemical Engineering following members was present.

1. Dr. Anuradha Devi, Assoc. Prof. (Chemical Engineering), - Chairman
2. Dr. Satyendra Singh Tomar, Prof. (Chemical Engineering)
3. Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member
4. Dr. Neelu Jain, Prof. (Chemistry), Member
5. Mr. Manoj Kumar Gandwane, Asst. Prof. (Chemical Engineering), Member
6. Mr. Pradeep Semil, Asst. Prof. (Chemical Engineering), Member
7. Mr. Nilesh Ahirwar Asst. Prof. (Chemical Engineering), Member
8. Mrs. Arpita Bhattacharya, Senior Manager, Bharat Refineries, Industry Expert

Minutes of Meeting:

Dr. Anuradha Devi, Chairman of BOS opened the meeting by welcoming and introducing the external members, to the internal and co-opted members and thanked them for accepting to become the member of the Board of Studies

Dr. Anuradha Devi expressed their concern about motivating students towards domain specific courses in 5th semester and discuss about 6th semester courses.

Dr. S Suresh gathered the information and suggested that final year students can be free from the core subject. So that students will able to concentrate on their project.

Mrs Arpita Bhattacharya suggested enhancing the software skill of students. So that industry will easily absorb them.

Bhopal-Indore Road, Opp. Pachama oilfed plant, Pachama, Dist.-Sehore M.P.PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Registrar
Sri Satya Sai University of Technology
& Medical Sciences, Sehore (M.P.)



A new value added course “**Environmental Management System**” is implemented after taking the feedback from all stakeholders for increasing the employability and skills of the students.

BOS members have suggested some modifications in syllabus keeping demand of present scenario in mind. The following changes are incorporated in the syllabus based on suggestion:

CMA-504 (B) Oil & Paint Technology	Unit 5: Utilization of refinery by-products (gums, soap stocks, deodorizer distillates, fatty acid, distillates, waxes, spent bleaching earth, etc.)
CMA-505 (A) Petroleum Processing Technology	Unit 5: Introduction to major petrochemicals like Synthesis gas, Acetaldehyde, Ethylene oxide, styrene, Acrylonitrile, Butadiene
CMA-603 (A) Transport Phenomena	UNIT 5: Turbulence phenomena; phenomenological relations for transfer fluxes; time smoothed equations of change and their applications for turbulent flow in pipes; boundary layer theory; laminar and turbulent hydrodynamics thermal and concentration boundary layer and their thicknesses; analysis of flow over flat surface. Introduction to macroscopic balances for isothermal flow systems, non- isothermal systems and multicomponent systems.
CMA-604 (B) Fertilizer Technology	Unit 5: Manufacturing of organic fertilizer, fertilizer produce by Vermi- compost.
CMA-605 (A) Nano Technology in Catalysis	Unit 1: Generic methodologies for nanotechnology: Introduction, classification and fabrication, Summary of the electronic properties of atoms and solids, Effects and importance of the nanometer length scale, Fabrication methods, Preparation, safety and storage issues, some key examples of nanotechnology
CMA-605 (B) Fluidization Engineering	Unit 4: Single rising bubbles; Davidson model for gas flow at bubbles; Evaluation of models for gas flow at bubbles.
CMA-704 (B) Optimization Methods	Unit 5: Modern methods of Optimization: Genetic Algorithms – Simulated Annealing – Ant colony optimization – Tabu search – Neural-Network based Optimization – Fuzzy optimization techniques – Applications. Use of Matlab to solve optimization problems


 Registrar
 Sa. Sa. University of Technology,
 & Medical Sciences Sehore (M.P.)





Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

The Chairman thanks the member for cooperation, their suggestions and peaceful conduction of meeting.

Signature of All members (Including Chairman)

S. No.	BOS Members	Signature
1	Dr. Anuradha Devi, Assoc. Prof. (Chemical Engineering), - Chairman	
2	Dr. Satyendra Singh Tomar, Prof. (Chemical Engineering), Member	
3	Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),- External Member	
4	Dr. Neelu Jain, Prof. (Chemistry), Member	
5	Mr. Manoj Kumar Gandwane, Asst. Prof. (Chemical Engineering), Member	
6	Mr. Pradeep Semil, Asst. Prof. (Chemical Engineering), Member	
7	Mr. Nilesh Ahirwar Asst. Prof. (Chemical Engineering), Member	
8	Mrs. Arpita Bhattacharya, Senior Manager, Bharat Refineries, Industry Expert	

Registrar
Sri Satya Sai University of Technology
& Medical Sciences Sehore (M.P.)



Chairman

Bhopal-Indore Road, Opp. Pachama oilfed plant, Pachama, Dist.-Sehore M.P.PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in}



Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

Bhopal-Indore Road, Opp. Pachama oilfed plant, Pachama, Dist.-Sehore M.P. PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Name of Faculty: School of Engineering

Name of Department: **Chemical Engineering**

Minutes of Board of Studies Committee Meeting Dated on **08.06.2020**

The Board of Studies Committee Meeting was convened online on 2:30 PM. on **08.06.2020**,

Following members were present.

1. Dr. Anuradha Devi, Assoc. Prof. (Chemical Engineering), - Chairman
2. Dr. Satyendra Singh Tomar, Prof. (Chemical Engineering)
3. Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member
4. Dr. Neelu Jain, Prof. (Chemistry), Member
5. Mr. Manoj Kumar Gandwane, Asst. Prof. (Chemical Engineering), Member
6. Mr. Pradeep Semil, Asst. Prof. (Chemical Engineering), Member
7. Mr. Nilesh Ahirwar Asst. Prof. (Chemical Engineering), Member
8. Mrs. Arpita Bhattacharya, Senior Manager, Bharat Refineries, Industry Expert

The Chairman of Board of Studies Committee welcomes and appreciated the efforts put up by the faculty for progress of the departmental activities during pandemic COVID in session 2019-2020. The following Agenda points were discussed and resolved.

1. Preparation of syllabus and Scheme for V, VI, VII & VIII Sem as per AICTE guideline.
2. To discuss the examination pattern through online mode.
3. To discuss the internal marking system.
4. To implement Value added course "Drinking water analysis"

Resolution of the Discussion:


Registrar
Sri Satya Sai University of Technology
& Medical Sciences Sehore (M.P.)



It was resolved that scheme and syllabus as proposed with some modification and may be accepted.


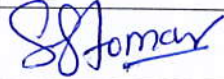

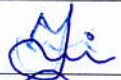

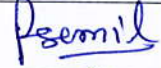
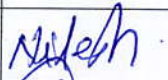

The online examination pattern has been adopted according to UGC guidelines.

Moreover the internal marking system also implemented according to UGC guidelines.

The committee has approved the proposal of starting new value added course “**Drinking water analysis**” for skill and employability enhancement of the students.

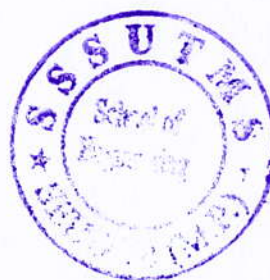
The online convening of BOS’s meeting ended at 3:30 PM on 08.06.2020 with thanks to the chair.

Signature of All members (Including Chairman)

S. No.	BOS Members	Signature
1	Dr. Anuradha Devi, Assoc. Prof. (Chemical Engineering), - Chairman	
2	Dr. Satyendra Singh Tomar, Prof. (Chemical Engineering) , Member	
3	Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member	
4	Dr. Neelu Jain, Prof. (Chemistry), Member	
5	Mr. Manoj Kumar Gandwane, Asst. Prof. (Chemical Engineering), Member	
6	Mr. Pradeep Semil, Asst. Prof. (Chemical Engineering), Member	
7	Mr. Nilesh Ahirwar Asst. Prof. (Chemical Engineering), Member	
8	Mrs. Arpita Bhattacharya, Senior Manager, Bharat Refineries, Industry Expert	


Chairman


Registrar
Sri Sarda Sai University of Technology
& Medical Sciences Sehore (M.P.)





Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

Bhopal-Indore Road, Opp. Pachama oilfed plant, Pachama, Dist.-Sehore M.P. PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Name of Faculty: School of Engineering

Name of Department: **Chemical Engineering**

Minutes of Board of Studies Committee Meeting Dated on **03.06.2019**

The Board of Studies Committee Meeting was held in the room of Department of Chemical Engineering at 2:30 PM. on **03.06.2019**, Following members were present.

1. Dr. Satyendra Singh Tomar, Prof. (Chemical Engineering) - Chairman
2. Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member
3. Dr. Anuradha Devi, Asst. Prof. (Chemical Engineering), Member
4. Dr. Neelu Jain, Prof. (Chemistry), Member
5. Mr. Manoj Kumar Gandwane, Asst. Prof. (Chemical Engineering), Member
6. Mr. Pradeep Semil, Asst. Prof. (Chemical Engineering), Member
7. Mr. Nilesh Ahirwar Asst. Prof. (Chemical Engineering), Member
8. Mrs. Arpita Bhattacharya, Senior Manager, Bharat Refineries, Industry Expert

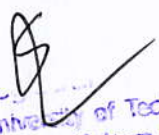
The Chairman of Board of Studies Committee welcomes and appreciated the efforts put up by the faculty for progress of the departmental activities. The following Agenda points were discussed and resolved.

Agenda Preparation of syllabus and Scheme for III and IV Sem as per AICTE.

Discussion Scheme

Scheme and syllabus was put up before the member as per recent AICTE guidelines. It was discussed in detail by the members and some modifications were suggested.

A new value added course entitled "Fundamentals of Green Chemistry and Technology" is proposed.


Sri Satya Sai University of Technology
& Medical Sciences, Sehore (M.P.)









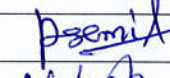



Resolution of the Discussion:

It was resolved that scheme and syllabus as proposed with some modification and may be accepted.

The committee has approved the proposal for starting a new value added course entitled “**Cleaner Production & Sustainable Development**” for better understanding of the student’s to the demand of current scenario.

The Chairman thanks the members for peaceful conduction of meeting.

Signature of All members (Including Chairman)

S. No.	BOS Members	Signature
1	Dr. Satyendra Singh Tomar, Prof. (Chemical Engineering) - Chairman	
2	Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member	
3	Dr. Anuradha Devi, Asst. Prof. (Chemical Engineering), Member	
4	Dr. Neelu Jain, Prof. (Chemistry), Member	
5	Mr. Manoj Kumar Gandwane, Asst. Prof. (Chemical Engineering), Member	
6	Mr. Pradeep Semil, Asst. Prof. (Chemical Engineering), Member	
7	Mr. Nilesh Ahirwar Asst. Prof. (Chemical Engineering), Member	
8	Mrs. Arpita Bhattacharya, Senior Manager, Bharat Refineries, Industry Expert	


Chairman


Registrar
Sri Saijya Sai University of Technology
& Medical Sciences Scheme (M.P.)





Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

Bhopal-Indore Road, Opp. Pachama oilfield plant, Pachama, Dist.-Sehore M.P. PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Name of Faculty: **School of Engineering**

Minutes of Board of Studies Committee Meeting held on Dated **11/06/2018**

The Board of Studies Committee Meeting was held in the Board Room at **2:30 PM.** on **11/06/2018.** Following members were present.

1. Dr. G.R.Selokar, Professor (Mechanical), Chairman
2. Dr. Sanjay Rathore, Professor (Physics), Member
3. Mr. Vijay Prakash Singh, Associate Professor (Electronics and Communication), Member
4. Dr. Ajay Swarup Associate Professor (Civil Engineering), Member
5. Mr. Sanjay Kalraiya, Associate Professor (Mechanical Engineering), Member
6. Dr. Prabodh Khampariya, Associate Professor (Electrical and Electronics Engineering), Member
7. Mr. Kailash patidar, Assistant Professor (Computer Science and Engineering), Member
8. Ms. Alka Thakur, Associate Professor (Electrical Engineering), Member
9. Mr. Anil Verma, Assistant Professor (Mechanical Engineering), Member
10. Mr. Manoj Kumar Gandwane, Assistant Professor (Chemical Engineering), Member
11. Mr. Prashant Singh, Assistant Professor (Aeronautical Engineering), Member
12. Mr. Devendra Patle, Assistant Professor (Electronics and Communication), Member

All the member elected Dr. G.R.Selokar chairman for today's Board of Studies Meeting The Chairman welcomed the members of all department of SOE and appreciated the efforts put up by the faculty for progress of the departmental activities. The following Agenda points were discussed.

Agenda: - Preparation of Syllabus and Scheme for BE First Year. As Per AICTE Norms

Registrar

Sri Satya Sai University of Technology
& Medical Sciences, Sehore (M.P.)



d



Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

Bhopal-Indore Road, Opp. Pachama oilfed plant, Pachama, Dist.-Sehore M.P. PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Name of Faculty : School of Engineering

Name of Department: **Chemical Engineering**

Minutes of Board of Studies Committee Meeting Dated on **10.06.2017**

The Board of Studies Committee Meeting was held in the room of Department of Chemical Engineering at 2:30 PM. on **10.06.2017**, Following members were present.

1. Dr. Anuradha Devi, Asstt. Prof. (Chemical Engineering), - Chairman
2. Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member
3. Dr. Neelu Jain, Prof. (Chemistry), Member
4. Mr. Manoj Kumar Gandwane, Asstt. Prof. (Chemical Engineering), Member
5. Mrs. Priyanka Jhavar, Asstt. Prof. (Mechanical Engineering), Member

The Chairman of Board of Studies Committee welcomes and appreciated the efforts put up by the faculty for progress of the departmental activities. The following Agenda points were discussed and resolved.

Agenda Preparation of syllabus and Scheme for III and IV Sem CBCS.

Discussion Scheme

Scheme and syllabus was put up before the member as per recent AICTE guidelines, It was discussed in detail by the members and some modification were suggested.

Resolution of the Discussion:

It was resolved that scheme and syllabus as proposed with some modification and may be accepted


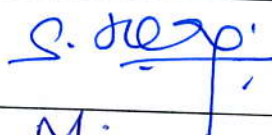




Registrar
Sri Satya Sai University of Technology
& Medical Sciences Sehore (M.P.)

d



The Chairman thanks the members for peaceful conduction of meeting.

Signature of All members (Including Chairman)

S.No.	BOS Members	Signature
1	Dr. Anuradha Devi, Asstt. Prof. (Chemical Engineering), - Chairman	
2	Dr. S. Suresh Ass ^{oc} . Prof. (Chemical Engineering, MANIT Bhopal),- External Member	
3	Dr. Neelu Jain, Prof. (Chemistry), Member	
4	Mr. Manoj Kumar Gandwane, Asstt. Prof. (Chemical Engineering), Member	
5	Mrs. Priyanka Jhavar, Asstt. Prof. (Mechanical Engineering), Member	


Chairman


Registrar
Sri Sabya Sri University of Technology
& Medical Sciences Sehore (M.P.)







Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

Bhopal-Indore Road, Opp. Pachama oilfield plant, Pachama, Dist.-Sehore M.P. PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Name of Faculty : School of Engineering

Name of Department: **Chemical Engineering**

Minutes of Board of Studies Committee Meeting Dated on **15.05.2018**

The Board of Studies Committee Meeting was held in the room of Department of Chemical Engineering at 2:30 PM. on **18.05.2018**, Following members were present.

1. Dr. Anuradha Devi, Asstt. Prof. (Chemical Engineering), - Chairman
2. Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member
3. Dr. Neelu Jain, Prof. (Chemistry), Member
4. Mr. Manoj Kumar Gandwane, Asstt. Prof. (Chemical Engineering), Member
5. Mrs. Priyanka Jhavar, Asstt. Prof. (Mechanical Engineering), Member

The Chairman of Board of Studies Committee welcomes and appreciated the efforts put up by the faculty for progress of the departmental activities. The following Agenda points were discussed and resolved.

Agenda Preparation of syllabus and Scheme for V and VI Sem CBCS.

Discussion Scheme

Scheme and syllabus was put up before the member as per recent AICTE guidelines, It was discussed in detail by the members and some modification were suggested.

Resolution of the Discussion:

It was resolved that scheme and syllabus as proposed with some modification and may be accepted







Registrar
Sri Satya Sai University of Technology
& Medical Sciences Sehore (M.P.)





The Chairman thanks the members for peaceful conduction of meeting.

Signature of All members (Including Chairman)

S.No.	BOS Members	Signature
1	Dr. Anuradha Devi, Asstt. Prof. (Chemical Engineering), - Chairman	
2	Dr. S. Suresh Assbc. Prof. (Chemical Engineering, MANIT Bhopal),- External Member	
3	Dr. Neelu Jain, Prof. (Chemistry), Member	
4	Mr. Manoj Kumar Gandwane, Asstt. Prof. (Chemical Engineering), Member	
5	Mrs. Priyanka Jhavar, Asstt. Prof. (Mechanical Engineering), Member	


Chairman


Registrar
Sri Satya Sai University of Techno-
& Medical Sciences, Secore (M.P.)







Sri Satya Sai University of Technology and Medical Sciences

(Established under Govt. of M.P. Registered under UGC 2(F) 1956)

Bhopal-Indore Road, Opp. Pachama oilfed plant, Pachama, Dist.-Sehore M.P. PIN-466001
Ph. 07562-223647, Fax : 07562-223644, Web: www.sssutms.co.in, info@sssutms.co.in

Name of Faculty : School of Engineering

Name of Department: **Chemical Engineering**

Minutes of Board of Studies Committee Meeting Dated on **03.06.2019**

The Board of Studies Committee Meeting was held in the room of Department of Chemical Engineering at 2:30 PM. on **03.06.2019**, Following members were present.

1. Dr. Anuradha Devi, Assoc. Prof. (Chemical Engineering), - Chairman
2. Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member
3. Dr. Neelu Jain, Prof. (Chemistry), Member
4. Mr. Manoj Kumar Gandwane, Asstt. Prof. (Chemical Engineering), Member
5. Mrs. Priyanka Jhavar, Asstt. Prof. (Mechanical Engineering), Member

The Chairman of Board of Studies Committee welcomes and appreciated the efforts put up by the faculty for progress of the departmental activities. The following Agenda points were discussed and resolved.

Agenda Preparation of syllabus and Scheme for VII and VIII Sem CBCS.

Discussion Scheme

Scheme and syllabus was put up before the member as per recent AICTE guidelines, It was discussed in detail by the members and some modification were suggested.

Resolution of the Discussion:

It was resolved that scheme and syllabus as proposed with some modification and may be accepted


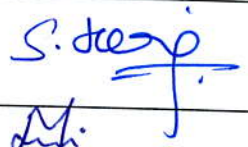





(Handwritten signature)

(Handwritten signature)
Registrar
Sri Satya Sai University of Technology
& Medical Sciences Sehore (M.P.)

The Chairman thanks the members for peaceful conduction of meeting.

Signature of All members (Including Chairman)

S.No.	BOS Members	Signature
1	Dr. Anuradha Devi, Assoc. Prof. (Chemical Engineering), - Chairman	
2	Dr. S. Suresh Assoc. Prof. (Chemical Engineering, MANIT Bhopal),-External Member	
3	Dr. Neelu Jain, Prof. (Chemistry), Member	
4	Mr. Manoj Kumar Gandwane, Asstt. Prof. (Chemical Engineering), Member	
5	Mrs. Priyanka Jhavar, Asstt. Prof. (Mechanical Engineering), Member	


Chairman


Registrar
Sri Satya Sai University of Technology
& Medical Sciences, Seshana (M.P.)



