



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)  
Dindigul- Palani Highway, Dindigul – 624 002.

## Department of Mechanical Engineering

SSMIET/ Circular/ Mech/ 2020-2021

Dt: 01.02.2021

### CIRCULAR

This is to inform that **FLUID POWER SOCIETY OF INDIA (FPSI)** will be organizing webinar on “**System Design with Multi Technology Simulation**”, on 05<sup>th</sup> February 2021 (Monday) through online mode. Interested Students and Staff members are requested to attend the program.

Meeting Link:

[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_NTcwNzQ5MzktOTljOS00Nzg3LWJiOGQtMjAzOTdlYTljY2I3%40thread.v2/0?context=%7b%22Tid%22%3a%22ebf5bad8-5ab4-45e6-a6d6-38d1bb55d542%22%2c%22Oid%22%3a%228a334a7c-7a68-4b41-8718-cdbba8520139%22%2c%22IsBroadcastMeeting%22%3a%22true%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTcwNzQ5MzktOTljOS00Nzg3LWJiOGQtMjAzOTdlYTljY2I3%40thread.v2/0?context=%7b%22Tid%22%3a%22ebf5bad8-5ab4-45e6-a6d6-38d1bb55d542%22%2c%22Oid%22%3a%228a334a7c-7a68-4b41-8718-cdbba8520139%22%2c%22IsBroadcastMeeting%22%3a%22true%7d)

  
FPSI-Coodinator

Dr. V. SANKARANARAYANAN, M.E., Ph.D.,  
Department of Mechanical Engineering

  
HoD / Mech

Dr. G. SANKARANARAYANAN M.E., Ph.D.,  
Professor and Head,  
Department of Mechanical Engineering,  
SSM Institute of Engineering and Technology,  
Sindhalagundu (P.O.), Dindigul - 624 002.

  
Principal

Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)  
Principal  
SSM Institute of Engineering and Technology  
Kuttathupatti Village, Sindhalagundu (Po),  
Palani Road, Dindigul - 624 002.



Dr. V. Kandavel &lt;vkvel1020@gmail.com&gt;

**FPWS-16 Webinar on "System Design With Multi Technology Simulation"**

1 message

Head Secretariat <headsecretariat@fpsindia.net>  
To: "fpsi.regd@gmail.com" <fpsi.regd@gmail.com>

Wed, Feb 3, 2021 at 1:32 PM

Dear Sir/Madam,

We welcome you to join the 16<sup>th</sup> webinar in our **Fluid Power Webinar Series (FPWS)**.

- Topic " **System Design With Multi Technology Simulation** "
- On **05<sup>th</sup> February, Friday, 4pm to 5pm,**
- Presented by **Mr. Weifeng Wang, Regional Manager, Technical Support & Sales, Famic Technologies Inc., Canada.**

*Meeting Link is given below.*

**Introducing the Presenter**

**Mr. Weifeng Wang**  
**Regional Manager, Technical Support & Sales,**  
**Famic Technologies Inc**

Mr. Wang is a Specialist in Fluid Power System Design and Simulation with 8 years' engineering experience in the field of hydraulics, pneumatics, automation, electrical engineering.

Currently, he is a Regional Manager in charge of Technical Support & Sales at Famic Technologies Inc.



Department of Mechanical Engineering

Student Name List

Event Name: System Design With Multi Technology Simulation

Date:05.02.2021

S.No.	Reg.no.	Student Name	S.No.	Reg.no.	Student Name
1	922117114006	ARULSELVAN K	14	922118114017	JANAKI RAMAN S
2	922117114007	ARUN KUMAR E	15	922118114020	JEYA PRAKASH B
3	922117114010	ARUNKUMAR M	16	922118114022	KAMALAKANNAN V
4	922117114014	BHARATHI DASAN A	17	922118114029	MANIKANDAPRABU G
5	922117114018	DEEPAK RAJ D	18	922118114030	MANIVENKATESH S
6	922117114019	DEEPAKRAJ T	19	922118114034	MOHAMED FAZIL S
7	922117114022	DHAYALAPRABAKAR S	20	922118114069	SRIHARI G B
8	922117114024	DINESHKUMAR M	21	922118114071	SRINITHISH V
9	922117114025	DIVYA DHARSHINI K	22	922118114072	SRINIVAAS S
10	922117114028	GAJENDREN R	23	922118114073	SUBASH R
11	922117114029	GOUTHAM SANKAR K	24	922118114076	THOMAS EDISON M
12	922117114032	GUNA SEKAR S	25	922118114307	MOHAMED RIYAZ J
13	922118114012	GANESAN T	26	922118114311	PRASANTH J



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### DEPARTMENT OF MECHANICAL ENGINEERING (FLUID POWER SOCIETY OF INDIA®)

**Event Date** : 05<sup>th</sup> February, 2021  
**Name of the Event** : System Design with Multi Technology Simulation  
**Resource person** : Mr. Weifeng Wang Regional Manager, Technical Support & Sales,  
Famic Technologies Inc

**No. of students attended / benefitted:** 26

#### About the Topic

Design and simulation of complete transceiver method, which is a part of dynamic phased collection using new side-by-side Multi Technology feature, in advance design system.

This application demonstrates the usage of multiple technologies based on different Process. Typical circuit simulation flows within a design environment provided by electronic design automation. System Design with Multi Technology Simulation environments based on our Central Chip Repository methodology; also describe in detail the challenges of multi-technology simulation and how to address these challenges.

Design Environments developed by Multi Technology Simulation industry in the past only supported a single technology node. Therefore, it was very challenging to simulate multiple foundry process kits within the same design environment. Not only should the simulator itself be able to address level conflicts to have localized scope feature, the design environment must also be able to recognize which circuitry block is designed from which foundry process

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Event Name : System Design With Multi Technology Simulation

S.No:	Register Number	Name of the student	Feedback about the Event	Feedback about the Event	Feedback about the Event	Feedback about the Event	Feedback about the Event
			[Information provided at this event is relevant to you]	[You are likely to use this information in the future]	[Feedback about the Event [Presentations were interesting]	[You would recommend this event to]	[Overall, the event was worthwhile]
1	922117114006	ARULSELVAN K	5	5	5	4	4
2	922117114007	ARUN KUMAR E	4	4	4	4	5
3	922117114010	ARUNKUMAR M	5	4	5	5	4
4	922117114014	BHARATHI DASAN A	5	5	5	5	4
5	922117114018	DEEPAK RAJ D	5	5	5	5	5
6	922117114019	DEEPAKRAJ T	5	5	5	5	5
7	922117114022	DHAYALAPRABAKAR S	4	4	4	4	3
8	922117114024	DINESHKUMAR M	5	5	5	5	5
9	922117114025	DIVYA DHARSHINI K	3	4	5	3	4
10	922117114028	GAJENDREN R	4	5	3	3	4
11	922117114029	GOUTHAM SANKAR K	5	5	5	5	5
12	922117114032	GUNA SEKAR S	4	5	4	4	5
13	922118114012	GANESAN T	4	4	4	4	5
14	922118114017	JANAKI RAMAN S	5	5	5	5	5
15	922118114020	JEYA PRAKASH B	5	5	5	5	5
16	922118114022	KAMALAKANNAN V	5	5	5	5	5
17	922118114029	MANIKANDAPRABU G	4	4	4	4	4
18	922118114030	MANIVENKATESH S	5	5	5	5	5
19	922118114034	MOHAMED FAZIL S	4	4	4	4	3
20	922118114069	SRIHARI G B	3	2	3	2	3
21	922118114071	SRINITHISH V	5	5	5	5	5
22	922118114072	SRINIVAAS S	4	4	4	4	4
23	922118114073	SUBASH R	4	4	4	4	4
24	922118114076	THOMAS EDISON M	5	4	5	4	5
25	922118114307	MOHAMED RIYAZ J	5	4	5	4	4
26	922118114311	PRASANTH J	4	4	4	4	4