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: 14.12.2020

CIRCULAR

This is to inform that **FLUID POWER SOCIETY OF INDIA (FPSI)** will be organizing webinar on "**Dynamic simulation of typical hydraulic circuit**", on 18th December 2020 (Friday) 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_ZDZiMTVkN2ItZGMyMy00ZDQ5LTlmYTctNzVmMGZmZjcxNWM5%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%3atrue%7d

FPSI-Coordinator
Dr.V.KANDAVEL, B.E., 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, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.

Gmail

Dr. V. Kandavel <vkvel1020@gmail.com>

FPWS-14 Webinar Link

1 message

FPSI Secretariat <secretariat@fpsindia.net>
Reply-To: FPSI Secretariat <secretariat@fpsindia.net>

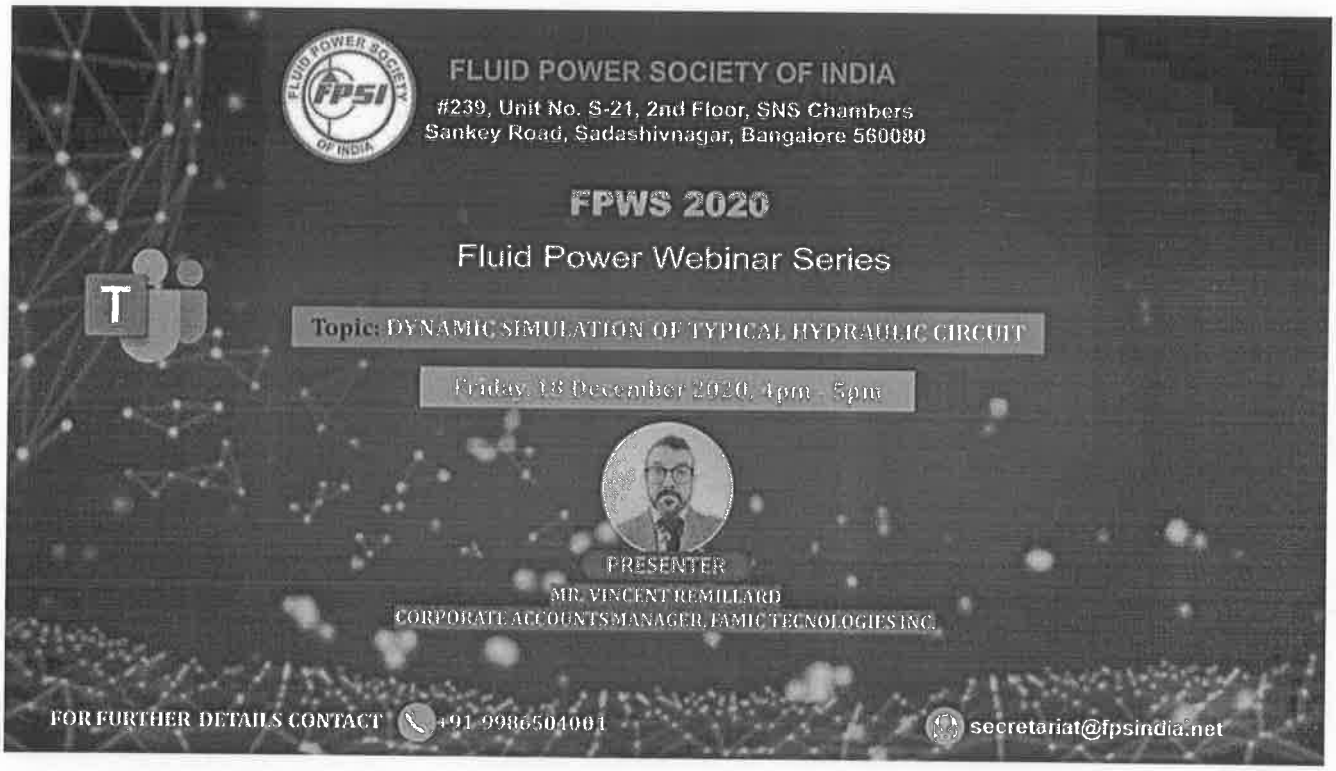
Fri, Dec 18, 2020 at 1:30 PM

Dear Sir/Madam,

Welcome to the 14th webinar in the FPWS 2020 series TODAY!

Meeting Link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjAwNWZhYWQtZjhmOC00ZmRmLTk4ZGEtZTQ4ZTQ0YzE1ZjE0%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%3atrue%7d



Warm Regards,

Joseph Mathew

Head – FPSI Secretariat

Fluid Power Society of India ®

#239, Unit No. S-21, 2nd Floor, SNS Chambers

Sankey Road, Sadashivnagar, Bangalore 560080

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Web: www.fpsindia.net

Linked In: linkedin.com/company/fluid-power-society-of-india

Are you an FPSI member? Get in touch with us immediately to be a part of this ever-growing network of fluid power professionals!

FPWS-14 Webinar on "Dynamic Simulation of Typical Hydraulic Circuit"

FPSI Secretariat <secretariat@fpsindia.net>
Mon 12/14/2020 5:50 PM

1 attachments (6 KB)
image002.wmz;

Dear Sir/Madam,

We welcome you to join the 14th webinar in our **Fluid Power Webinar Series (FPWS) 2020.**

- Topic **"Dynamic Simulation of Typical Hydraulic Circuit"**
- on **18th December 2020, Friday, 4pm to 5pm,**
- Presented by **Mr. Vincent Remillard, Corporate Accounts Manager, Famic Technologies Inc.**

Meeting Link is given below.

Introducing our Presenter

Vincent Remillard
Corporate Accounts Manager, Famic Technologies Inc.

Vincent Rémillard holds Master and Bachelor degrees in mechanical engineering (mechatronic option) from École Polytechnique de Montréal, as he performed many complex studies and projects in different fields such as CAD/CAM, mechanics, hydraulics and pneumatics, robotics, control, programming and automation.

Since January 2007, he is a member of the Automation Studio™ team as an application and project engineer. He is the Corporate Accounts and Applications Support Manager. He leads a team which works on special projects and specific customer requests, such as advanced OEMs systems and simulation of manufacture's components, and provides training and participates actively in the development and functional evolution of the software.

Meeting Link:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjAwNWZhYWQtZjhmOC00ZmRmLTk4ZGEtZTQ4ZTQ0YzE1ZjE0%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%3atrue%7d

Warm Regards,

Joseph Mathew
Head – FPSI Secretariat

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SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Mechanical Engineering

Student Name List

Event Name:Dynamic simulation of typical hydraulic circuit

Date:18.12.2020

S.No.	Reg.no.	Student Name	S.No.	Reg.no.	Student Name
1	922118114010	DINESH S	17	922118114056	SANGILI DURAI A
2	922118114013	GOPIKRISHNAN R	18	922118114059	SANTHOSH R
3	922118114018	JESTIN JAYAKUMAR V	19	922118114062	SATHISH KUMAR V
4	922118114019	JEYAKKAMALESH B A	20	922118114064	SELVAKUMAR S
5	922118114021	JOHN MOSES SANDREZ J	21	922118114066	SHIFAATH A
6	922118114026	LOGESH D	22	922118114068	SOMA SUNDHARAM M
7	922118114027	MALATHI T	23	922118114071	SRINITHISH V
8	922118114029	MANIKANDAPRABU G	24	922118114072	SRINIVAAS S
9	922118114031	MARUTHA MUTHU G	25	922118114073	SUBASH R
10	922118114035	MOHAMEDSAMEER M	26	922118114074	SUDHARSANA KUMAR V
11	922118114041	NITHISH KANNA I	27	922118114075	SURYA J
12	922118114042	NITHIYA KUMAR N G	28	922118114304	HARISH
13	922118114043	OM PRAKASH M	29	922118114305	JEYACHANDRAN M
14	922118114047	PRAHEN RICH M	30	922118114306	MANO SHANKER P
15	922118114053	SABAREESWARAN V D	31	922118114307	MOHAMED RIYAZ J
16	922118114054	SAFEEK RAJA J	32	922118114308	NIDISHBALAJI R

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DEPARMENT OF MECHNICAL ENGINEEERING

(FLUID POWER SOCIETY OF INDIA®)

Event Date : 04th December 2020
Name of the Event : "Dynamic simulation of typical hydraulic circuit"
Resource person : Mr. Vincent Pemillard FAMIC Technoligies
No. of students attended / benefitted: 32

About the Topic

Dynamics of a hydraulic system is influenced by several parameters, in this case mainly by proportional control valve, oil bulk modulus, oil viscosity, mass load etc., The measurement is performed during movement of the piston rod with mass load to the required position. Hydraulic dynamics is emerging as a basic concept with applications and important implications for many industrial, civil, and environmental engineering problems.

Hydraulic Dynamic Calculation and Simulation can be regarded as an important tool for the analysis and prediction of many physical processes and their related problems, as well as for decision-making with regard to derivative measures. Number of examples for an illustration of opportunities of the developed algorithm of simulation of dynamics of hydraulic systems is resulted.

In all examples the analysis of transient processes in the chosen circuits of hydraulic drive which can be corrected by a choice of separate parameters of hydraulic elements or change of the initial circuit is spent.

*****

Event Name : Dynamic simulation of typical hydraulic circuit

S.No:	Register Number	Name of the student	Feedback about the Event [Information provided at this event is relevant to you]	Feedback about the Event [You are likely to use this information in the future]	Feedback about the Event [Presentations were interesting]	Feedback about the Event [You would recommend this event to]	Feedback about the Event [Overall, the event was worthwhile]	Feedback about the Event [The venue was suitable]
1	922118114010	DINESH S	4	5	4	5	4	5
2	922118114013	GOPIKRISHNAN R	5	5	5	5	5	5
3	922118114018	JESTIN JAYAKUMAR V	5	5	4	5	5	5
4	922118114019	JEYAKKAMALESH B A	5	5	5	5	4	5
5	922118114021	JOHN MOSES SANDREZ J	4	4	5	5	5	5
6	922118114026	LOGESH D	5	5	5	5	5	5
7	922118114027	MALATHI T	3	3	4	4	4	4
8	922118114029	MANIKANDAPRABU G	5	5	5	5	5	5
9	922118114031	MARUTHA MUTHU G	4	4	5	5	5	5
10	922118114035	MOHAMEDSAMEER M	5	5	5	4	4	3
11	922118114041	NITHISH KANNA I	5	5	5	5	5	5
12	922118114042	NITHIYA KUMAR N G	4	4	5	5	5	5
13	922118114043	OM PRAKASH M	5	5	5	5	5	5
14	922118114047	PRAHEN RICH M	5	5	5	5	5	5
15	922118114053	SABAREESWARAN V D	5	5	5	5	5	5
16	922118114054	SAFEEK RAJA J	5	5	5	5	5	5
17	922118114056	SANGILI DURAI A	4	4	4	4	4	4
18	922118114059	SANTHOSH R	5	5	5	5	5	5
19	922118114062	SATHISH KUMAR V	4	4	5	5	5	5
20	922118114064	SELVAKUMAR S	5	1	2	2	1	5
21	922118114066	SHIFAATH A	5	5	5	5	5	5
22	922118114068	SOMA SUNDHARAM M	4	4	4	4	4	4
23	922118114071	SRINITHISH V	4	4	4	4	4	4
24	922118114072	SRINIVAAS S	5	3	5	5	2	5
25	922118114073	SUBASH R	4	5	4	5	4	5
26	922118114074	SUDHARSANA KUMAR V	4	4	4	4	4	4
27	922118114075	SURYA J	5	5	5	5	5	5
28	922118114304	HARISH	5	5	5	5	5	5
29	922118114305	JEYACHANDRAN M	5	5	5	5	5	5
30	922118114306	MANO SHANKER P	5	5	4	4	4	4
31	922118114307	MOHAMED RIYAZ J	5	5	5	5	5	5
32	922118114308	NIDISHBALAJI R	4	4	5	4	5	4