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: 16.11.2020

CIRCULAR

This is to inform that **FLUID POWER SOCIETY OF INDIA (FPSI)** will be organizing webinar on "**Selection of Motion Control Valves**", on 20th November 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%22ebf5bad8-5ab1-45e6-a6d6-38d1bb55d542%22%2c%22Oid%22%3a%228a334a7c-7a68-4b41-8718-cdbba8520139%22%2c%22IsBroadcastMeeting%22%3atrue%7d

FPSI-Coordinator
Dr. V. KANDAVEL

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.

FPWS-12 Webinar on "Selection of Motion Control Valves"

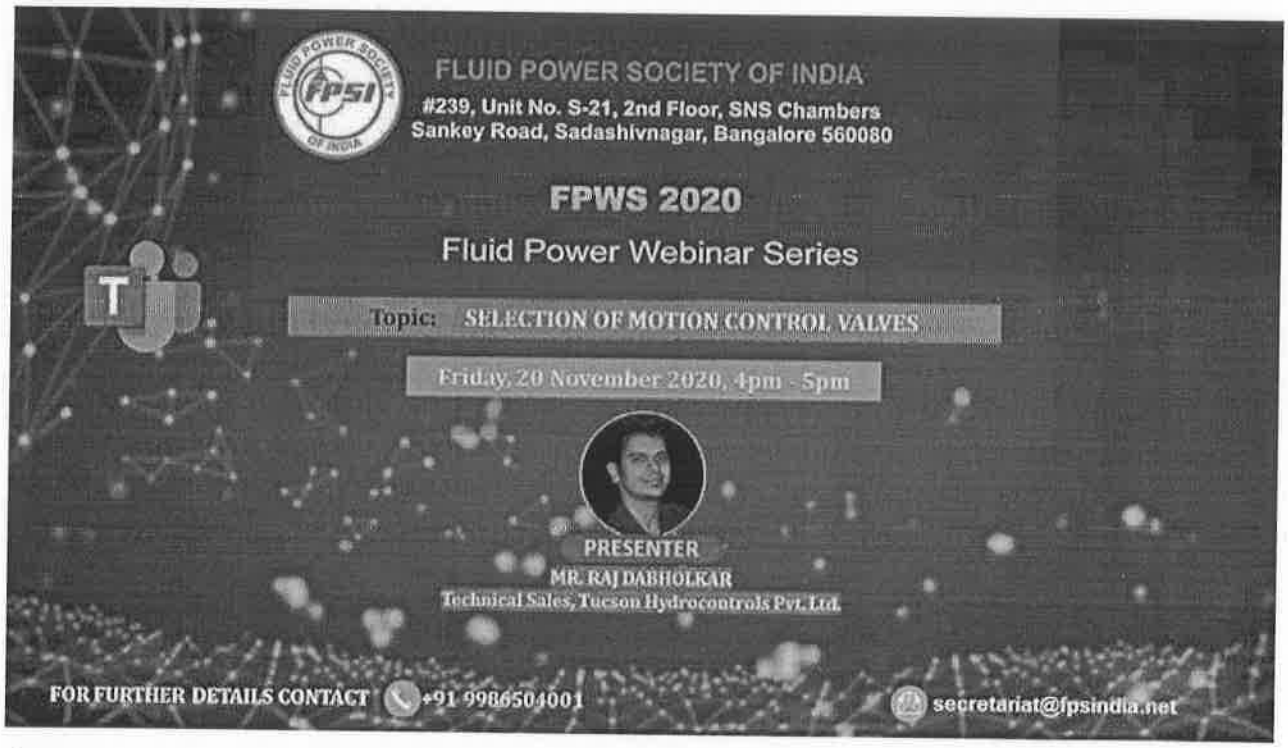
Head Secretariat <headsecretariat@fpsindia.net>
Fri 11/20/2020 1:45 PM
To: fpsi.regd@gmail.com <fpsi.regd@gmail.com>

Dear Sir/Madam,

We welcome you to join the 12th webinar in our **Fluid Power Webinar Series (FPWS) 2020.**

- Topic **"Selection of Motion Control Valves"**
- on **20th November 2020, Friday, 4pm to 5pm,**
- Presented by **Mr. Raj Dabholkar, Technical Sales, Tucson Hydrocontrols Pvt. Ltd.**

JOIN the Webinar LIVE:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDIxZjI0ZTMtNzE3MC00YjNhLWE5YTgtMGZiODgzYjQyMTMy%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



Introducing our Presenter

Mr. Raj Dabholkar,
Technical Sales, Tucson Hydrocontrols Pvt. Ltd.

Mr. Raj Dabholkar has been working at Tucson Hydrocontrols for the last 10 years as a part of both Technical Sales, and the Design and Development team, and is passionate about designing cartridge valves and hydraulic systems. He is a Production Engineer from VJTI (Mumbai) and an MSc. in Advance Mechanical Engineering from Imperial College (London).

Warm Regards,

Elizabeth
Administrative Executive

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

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Mechanical Engineering

Student Name List

Event Name: Meet The Manufacturer program with Famic Technologies

Date:20.11.2020

S.No.	Reg.no.	Student Name	S.No.	Reg.no.	Student Name
1	922117114003	AKTHARALI S	17	922117114107	SIVAPRAKASH M
2	922117114004	ANAND ALBERT RAJA A	18	922117114110	THANGAMANI S
3	922117114005	ANISH ROBERT J	19	922117114111	THARIK ANWAR M
4	922117114006	ARULSELVAN K	20	922117114112	THIRUPATHY M
5	922117114007	ARUN KUMAR E	21	922117114116	VASANTH S
6	922117114010	ARUNKUMAR M	22	922117114122	VIJAYARAGAVAN G
7	922117114011	ARUNKUMAR M	23	922117114301	ASWATH MAGESH R
8	922117114017	DEEPAK R	24	922117114302	BHARATHI K
9	922117114018	DEEPAK RAJ D	25	922117114304	KARTHIKEYAN P
10	922117114024	DINESHKUMAR M	26	922117114305	PANNEER SELVAM K
11	922117114025	DIVYA DHARSHINI K	27	922117114307	PREMKUMAR G
12	922117114029	GOUTHAM SANKAR K	28	922117114310	SRI SUDHARSANA SAKRAVARTHI
13	922117114032	GUNA SEKAR S			
14	922117114103	SATHYANARAYANAN V B			
15	922117114105	SHANE D			
16	922117114106	SIRANJEEVI RAJA A			

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DEPARMENT OF MECHNICAL ENGINEEERING

(FLUID POWER SOCIETY OF INDIA®)

Event Date : 20th November 2020
Name of the Event : Selection of Motion Control Valves
Resource person : Mr. Raj Dabholkar, Technical Sales, Tucson Hydro-controls Pvt. Ltd.

No. of students attended / benefitted: 28

About the Topic

A control valve is a valve used to control fluid flow by varying the size of the flow passage as directed by a signal from a controller. This enables the direct control of flow rate and the consequential control of process quantities such as pressure, temperature, and liquid level.

Selection criteria for control valve

- ✓ Type of fluid to be controlled.
- ✓ Temperature, viscosity, specific gravity of fluid.
- ✓ Flow capacity (maximum and minimum).
- ✓ Inlet and outlet pressure (minimum and maximum).
- ✓ Pressure drop at normal and shutoff condition.
- ✓ Degree of flashing, if possible.

Reputable control valve manufacturers are dedicated to helping customers select the control valve best suited for the existing service conditions. Frequently several correct choices may be available, thus it is important for customers to provide control valve manufacturers the following information.

- Type of fluid to be controlled.
- Temperature range of fluid.
- Viscosity range of fluid.
- Specific gravity range of fluid.
- Minimum and maximum flow required.
- Minimum and maximum inlet & out let pressure at the control valve.
- Pressure drop across the valve expected during normal flowing conditions.
- Pressure drop across the valve at zero flow.

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Event Name : Selection of Motion Control Valves

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	922117114003	AKTHARALI S	5	4	5	4	5	5
2	922117114004	ANAND ALBERT RAJA A	5	5	5	5	5	4
3	922117114005	ANISH ROBERT J	5	4	5	4	4	5
4	922117114006	ARULSELVAN K	5	5	5	5	5	5
5	922117114007	ARUN KUMAR E	4	4	4	4	4	5
6	922117114010	ARUNKUMAR M	5	5	5	5	5	5
7	922117114011	ARUNKUMAR M	4	4	4	4	4	4
8	922117114017	DEEPAK R	5	5	5	5	5	5
9	922117114018	DEEPAK RAJ D	4	4	5	4	2	4
10	922117114024	DINESHKUMAR M	4	3	5	3	4	5
11	922117114025	DIVYA DHARSHINI K	5	5	5	5	5	5
12	922117114029	GOUTHAM SANKAR K	4	4	4	4	4	4
13	922117114032	GUNA SEKAR S	4	4	4	4	4	4
14	922117114103	SATHYANARAYANAN V B	5	5	5	5	4	5
15	922117114105	SHANE D	5	5	5	5	5	5
16	922117114106	SIRANJEEVI RAJA A	5	5	5	5	5	5
17	922117114107	SIVAPRAKASH M	3	4	4	4	4	4
18	922117114110	THANGAMANI S	5	5	5	5	5	5
19	922117114111	THARIK ANWAR M	5	5	5	5	5	4
20	922117114112	THIRUPATHY M	3	3	2	4	2	3
21	922117114116	VASANTH S	5	5	5	5	5	5
22	922117114122	VIJAYARAGAVAN G	4	4	4	4	4	3
23	922117114301	ASWATH MAGESH R	4	4	4	4	4	4
24	922117114302	BHARATHI K	5	5	4	5	4	5
25	922117114304	KARTHIKEYAN P	4	4	4	5	5	4
26	922117114305	PANNEER SELVAM K	4	4	4	4	4	4
27	922117114307	PREMKUMAR G	5	5	5	5	5	5
28	922117114310	SRI SUDHARSANA SAKRAVARTHI	5	5	5	5	5	5