

Report of one day workshop on CFD

REPORT OF ONE-DAY WORKSHOP ORGANISED BY CENTRES

Name of Centre / Overseas Chapter:	Institution of Engineers (I), Solapur Local Centre, IV Floor, 3 North Kaisaba, Near Laxmi Bank, Shivaji Chowk, Solapur-413001.		
Title of Activity:	One Day Workshop on "Computational Fluid Dynamics"		
Activity under Divisional Board	Mechanical Engineering Divisional Board		
Date:	12/06/2017	Venue:	SVERI's College of Engineering, Pandharpur



Inauguration Function of one day Workshop
Mr. Suhas Markandeya, Dr. Anil Kumar, Mr. Subhash Shinde, Dr. B. P. Ronge, Dr. P. M. Pawar, Prof. N. D. Misal, Prof. S. R. Gavali, Dr. P. S. Kachare.



Mr. Subhash Shinde explaining about Basics of Fluid Mechanics and Heat Transfer for understanding CFD terminologies.



Dr. Anil Kumar explaining about the importance of Multiphysics software in various Academic, Research & Industrial sectors.



Mr. Abhishek Sinha explaining about Formulation of undergraduate/ post graduate and consultancy projects using the software.

HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur.



SVERI's College of Engineering, Pandharpur
Mechanical Engineering Department
in association with
IE(I), Kolkata, SLC
organizes
One Day Workshop



on
"Computational Fluid Dynamics"

In collaboration with

Fluidyn Consultancy Pvt. Ltd., Bangalore

12th June, 2017



Banner



Question Answering Session

Report of One-Day Workshop

Brief Details about the Programme:

Mechanical Engineering Department of SVERI's College of Engineering along with Fluidyn Consultancy Pvt. Ltd., Bangalore in association with IE(I), Kolkata, Solapur Local Center had organized one day workshop on "Computational Fluid Dynamics" on 12th June 2017 at SVERI's College of Engineering, Pandharpur. For this workshop total number of participant was Forty Six (46) from all over Maharashtra.

The workshop was inaugurated by the hands of Hon. Mr. Suhas Markandeya (Consultant, Fluidyn Consultancy Pvt. Ltd., Bangalore & Secretary RGSTC, India.). The function was graced by the presence of Dr. Anil Kumar (Chief Manager, Solver Department, Fluidyn Consultancy Pvt. Ltd., Bangalore), Mr. Abhishek Sinha (Business Development, Fluidyn Consultancy Pvt. Ltd., Bangalore), Mr. Subhash Shinde (Senior Support Engg., Fluidyn Consultancy Pvt. Ltd., Bangalore), Mr. Jignesh Chokshi (Research Engg., Fluidyn Consultancy Pvt. Ltd., Bangalore), Dr. B. P. Ronge (Chairman-IEI-SLC, Principal, SVERI's COE, Pandharpur), Dr. P. M. Pawar (Member-IEI, Dean Academics, SVERI's COE, Pandharpur), Prof. N. D. Misal (Member-IEI, Vice-Principal, SVERI's COE, Pandharpur), Prof. S. R. Gavali (Member-IEI, Dean Students', SVERI's COE, Pandharpur), Dr. P. S. Kachare (Member-IEI, Head, Mechanical Engineering Department). Hon. Principal, Dr. B. P. Ronge had appreciated the initiative of arranging this workshop and introduced about the career perspective in the field of Computational Fluid Dynamics.

The resource person Mr. Subhash D. Shinde had discussed about Basics of Fluid Mechanics and Heat Transfer for understanding CFD terminology. He also introduced about Fluidyn Software to solve academic, industrial and research related problems. Another resource person Dr. Anil Kumar had briefly explained about importance of Fluidyn Multiphysics software in various industrial sectors. Also he focused on usage of Fluidyn MP in Academic and Industrial sector. At the end Mr. Abhishek Sinha had explained about formulation of undergraduate/ post graduate and consultancy projects by using the Fluidyn-MP software.

During the panel discussion Hon. Mr. Suhas Markandeya, Dr. Anil Kumar, Mr. Subhash Shinde, had satisfied the queries from the participant. At the end Dr. P. S. Kachare (H.O.D. Mechanical Engg.) expressed the vote of thanks.

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The resource persons include industry experts from Fluidyn Consultancy Pvt. Ltd., Bangalore
 1. Dr. Anil Kumar K. R. (Chief Manager - Multi-physics Solver Development)
 2. Mr. Subhash Shinde (Senior Support Engineer)
 3. Mr. Jignesh Chokshi (Research Engineer)

MAJOR TOPICS

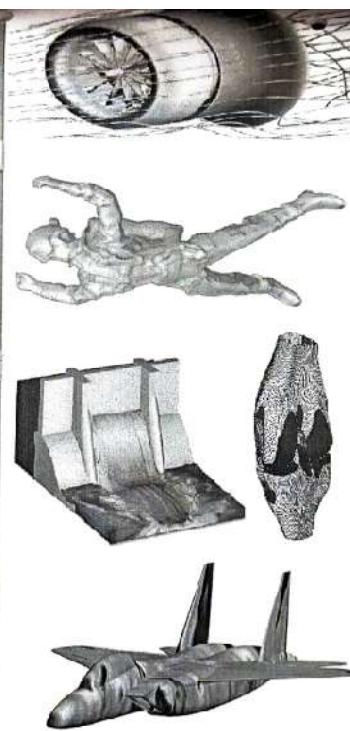
- Basics of Fluid Mechanics and Heat Transfer for understanding CFD terminology.
- Importance of Fluidyn Multiphysics software.
- Fluidyn MP - Usage in Academics and Industries.
- Formulation of undergraduate/ post graduate and consultancy projects using the software.

ABOUT THE PROGRAM

This one day workshop on "Computational Fluid Dynamics" is being organized by SVERI's College of Engineering, Pandharpur & Fluidyn Consultancy Pvt. Ltd., Bangalore in association with IE(I), Kolkata, SLC with an objective to provide a golden opportunity to learn CFD and Multi-Physics for faculties/students from educational/research institutions as well as to industry persons.

HOW TO REACH SVERI

The Nearest airport is Pune. Buses to Pandharpur are available from Swargate and Shivajinagar bus stand of Pune. Pandharpur station is on central rail line, Miraj-Latur Kurudwadi is nearest junction from Pandharpur on main rail line. Pandharpur is just 72 Km from its district place Solapur.



**SVERI'S
College of Engineering,
Pandharpur**
**Department of Mechanical
Engineering
&**
**Fluidyn Consultancy Pvt. Ltd.
Organizes**
One day workshop on
**"Computational Fluid
Dynamics"**
In association with
IE(I), Kolkata, SLC

Date: 12th June, 2017

Pandharpur is well known holy place for Lord Shri Vitthal temple. It is recognized as Spiritual capital of Maharashtra and popularly known as 'South Kashi' of India. Shri Vitthal Education and Research Institute (SVERI) is a charitable trust formed by devoted technocrats and established its first project as College of Engineering Pandharpur in 1998, approved by AICTE, New Delhi. It has been affiliated to Solapur University, Solapur. The Engineering College is ISO 9001:2008 Certified, accredited by Institute of Engineer (India) Kolkata, 'NAAC' and its all programs are 'NBA' accredited.

ABOUT THE DEPARTMENT

The department of Mechanical Engineering was established in the year 1998. The department has 35 qualified and dedicated faculty members with the specialization in various areas. Out of that faculties, four are PhD holders and Eight faculties are pursuing PhD. The department offers UG (Intake-120), PG (Intake-18), and PhD programs. The department is well equipped with infrastructure and the state-of-art laboratories along with CAD/CAM/CAE softwares.

CONTACT INFORMATION

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Prof. S. M. Kale (+91 9168655344)
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Prof. D. S. Ghodake (+91 9168655313)
 Email: dsghodake@coe.sveri.ac.in

One day workshop on "Computational Fluid Dynamics" 12th June , 2017

Name: _____
 Designation: _____
 Department: _____
 Institution: _____
 Experience in year, teaching: _____
 Experience in year, industry: _____
 E-mail: _____
 Mobile No: _____
 Accommodation: Required
 Not required
 D.D. No. and Date: _____
 Amount in Rs.: _____
 Drawn in bank: _____
 Date: _____
 Place: _____

Signature of Applicant

WHO CAN ATTEND?

M.Tech./M.E. students, PhD scholars, Engineering faculties and persons from industries who are interested in learning CFD & Multiphysics.

HOW TO APPLY?

Interested participants may send their filled application in prescribed form along with the registration fee on or before 8th June 2017. They are further requested to send an email of scanned copy of registration form and demand draft (D.D.) to smkale@coe.sveri.ac.in

CHEM. PATRON
 Dr. B. P. Ronge, Secretary (SVERI) and
 Principal, COE, Pandharpur

PATRON

Prof. N. D. Misal, Vice Principal, COE and
 Director, COE (Polytechnic), Pandharpur

ADVISORY BOARD

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 Prof. S. R. Gavali, Dean (Students) - 9545553796

CONVENER

Dr. P. S. Kachare, Head, Mechanical Engineering
 Department. (9545553774)

CO-CONVENER

Prof. S. M. Kale, Assistant Professor, Mechanical
 Engineering Department

REGISTRATION

REGISTRATION FEES

1. Delegates from industry: Rs. 500/-
2. Delegate from Academic /Research Institute: Rs. 400/-
3. Students delegates: Rs. 300/-
 The course fee includes study materials, lunch, breakfast, tea.

MODE OF PAYMENT

Payment can be made by DD or cash.
 (DD of any Nationalized Bank drawn in favor of
 "The Principal, SVERI's College of
 Engineering", payable at Pandharpur)

DATES TO REMEMBER

- Last date of Registration : 8th June, 2017

**HEAD,
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One Day Workshop
on
"Computational Fluid Dynamics"
Organised by
Department of Mechanical Engineering
SVERI's College of Engineering, Pandharpur
in association with
IE(I), Kolkata, Solapur Local Center

Agenda

Time	Event	Person
8:30 am to 9:30 am	Registration, Breakfast & Tea	
	Welcome and Inauguration	
	Felicitation of Hcn. Mr. Suhas Markandeya (Consultant, Fluidyn Consultancy Pvt. Ltd., Bengalore & Secretary RGSTC, India)	By Dr. B. P. Ronge (Principal, COE, Chairman-IEI-SLC)
	Felicitation of Dr. Anil Kumar (Chief Manager, Solver Department, Fluidyn Consultancy Pvt. Ltd. Bengalore)	By Dr. P. M. Pawar (Member - IEI)
	Felicitation of Mr. Abhishek Sinha (Business Development, Fluidyn Consultancy Pvt. Ltd., Bengalore)	By Prof. N. D. Misal (Member - IEI)
	Felicitation of Mr. Subhash D. Shinde (Senior Support Engineer, Fluidyn Consultancy Pvt. Ltd., Bengalore)	By Dr. P. S. Kachare (Member -IEI)
	Felicitation of Mr. Jignesh Chokshi (Research Engineer, Fluidyn Consultancy Pvt. Ltd., Bengalore)	By, Dr. A. A. Utpat (Member - IEI)
	Lightning of ceremonial lamp by the hands of Guest & one representative from participants.	Guest & one representative of participant.
	Welcome address about one day workshop on "Computational Fluid Dynamics"	Prof. S. R. Gavali (Member - IEI)
	Key Note address by Hon. Mr. Suhas Markandeya	President
9:30 am to 11:15 am	Expert Views by Dr. Anil Kumar (Chief Manager, Fluidyn Consultancy Pvt. Ltd., Bengalore)	Chief Guest
	Basics of Fluid Mechanics and Heat Transfer (for understanding CFD terminology)	Mr. Subhash D. Shinde
11:15 am to 1:00 pm	Lunch Break	
1:00 pm to 2:00 pm		Dr. Anil Kumar Sir & Mr. Abhishek Sinha
2:00 pm to 4:00 pm	Importance of Fluidyn Multiphysics software in various academic, industrial and research sectors. Fluidyn MF - Usage in Academics and Industries. Formulation of undergraduate/ post graduate and consultancy projects using the software.	
4:00 pm to 4:45 pm	Panel Discussion	Hon. Mr. Suhas Markandeya Dr. Anil Kumar Mr. Subhash Shinde Mr. Abhishek Sinha
4:45 pm to 5:30 pm	Valedictory Function	


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Details of the Sessions:

Day-1 (Forenoon) Inaugural Session Inaugural programme, Two invited lectures	<ol style="list-style-type: none">1. Lecture by: Mr. Suhas Markandeya Topic: Introduction to Fluidyn-MP software & its usage in academic, Industrial and Research Purpose.2. Lecture by: Mr. Subhash D. Shinde. Topic: Basics of Fluid Mechanics and Heat Transfer for understanding CFD terminology.
Day-1 (Afternoon) Technical Session I Minimum 3 papers or two invited lectures / presentations	<ol style="list-style-type: none">1. Lecture by: Dr. Anil Kumar Topic: Importance of Fluidyn MP software in various industrial sectors. Fluidyn MP - Usage in Academic and Industries.2. Lecture by: Mr. Abhishek Sinha Topic: Formulation of undergraduate/ post graduate and consultancy projects using the Fluidyn-MP software. <p>Panel Discussion: Hon. Mr. Suhas Markandeya, Dr. Anil Kumar, Mr. Subhash Shinde, Mr. Abhishek Sinha Topic: Quires from the participants.</p>



HEAD,
Dept. of Mechanical Engg
C.O.E. Pandharpur.

SVERT's College of Engineering, Pandharpur
Mechanical Engineering Department
Organizes

One Day Workshop on "Introduction to CFD"
By Prof. Suhas G. Markandeya, Fluidyn, Bengaluru

Date:-22/04/2017

Sr. No.	Name of Faculty	Dept.	Sign
1.	Dr. Pravin S. Kachare	Mechanical	<i>Pravin</i>
2.	Mr. Nitin D. Misal	Vice-Principal	<i>Nitin Misal</i>
3.	B. D. Lakshman	Mechanical	<i>B. D. Lakshman</i>
4.	Mr. S. M. Khamene	Mechanical	<i>S. M. Khamene</i>
5.	Mr. A. A. More	Mechanical	<i>A. A. More</i>
6.	Mr. S. B. Bhosale	Mechanical	<i>S. B. Bhosale</i>
7.	Mr. D. S. Ghodake	Mech	<i>D. S. Ghodake</i>
8.	Mr. PB Kapurkar	Mech	<i>PB Kapurkar</i>
9.	Mr. S. S. Wangikar	Mech	<i>S. S. Wangikar</i>
10.	Mr. S. Y. Salunkhe	Mech.	<i>S. Y. Salunkhe</i>
11.	Mr. R. B. Gavhane	Civil	<i>R. B. Gavhane</i>
12.	Mr. V. R. Davar	Mech	<i>V. R. Davar</i>
13.	Mr. Y. T. Taskar	Mech	<i>Y. T. Taskar</i>
14.	Mr. S. V. Jadhav	Mech	<i>S. V. Jadhav</i>
15.	Mr. R. R. Gidde	Mech	<i>R. R. Gidde</i>
16.	Mr. S. R. Gavankar	Mech	<i>S. R. Gavankar</i>
17.	Dr. Prakant M. Pawar	Dean R&D	<i>Prakant M. Pawar</i>
18.	Mr. Anil B. Shinde	Mech	<i>Anil B. Shinde</i>
19.	Mr. Samadhan T. Shinde	Mech	<i>Samadhan T. Shinde</i>
20.	Mr. Santoshkumar B. Fard	Mech.	<i>Santoshkumar B. Fard</i>
21.	Mr. S. A. Gurpasad	Mech	<i>S. A. Gurpasad</i>
22.	Mr. S. M. Kale	Mech.	<i>S. M. Kale</i>
23.	Mr. P. M. Mane	Mech	<i>P. M. Mane</i>
24.	Mr. P. K. Bhuse	Mech	<i>P. K. Bhuse</i>
25.	Mr. Pallavi Chigari	Civil	<i>Pallavi Chigari</i>
26.			
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28.			
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