

DEPARTMENT OF MECHANICAL ENGINEERING
WEBINAR REPORT
ON
“SAFETY & QUALITY GUIDELINES FOR SELECTION OF
PSA BASED OXYGEN GENERATORS”.

HELD ON 24-08-2021

RESOURCE PERSON

Dr A. ASHOKKUMAR

ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF BIOTECHNOLOGY
PERIYAR MANIAMMAI INSTITUTE OF
SCIENCE AND TECHNOLOGY,
(DEEMED TO BE UNIVERSITY), THANJAVUR

Dr. S. Ramesh Babu
Dr. C. Senthamarai Kannan
Coordinators



Dr. C SENTHAMARAI KANNAN

Dr. C.Senthamaraikannan, M.E., Ph.D.
Assistant Professor
Department of Mechanical Engineering
Sri Venkateswara College of Engineering
Sriperumbudur - 602117



Dr. S. RAMESH BABU, M.E., Ph.D
Professor & Head
Department of Mechanical Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur (TK) - 602117.
Tamilnadu, INDIA.

TABLE OF CONTENTS

S.No.	Description
1.	Circular - Communication Medium & Proof
2.	Brochure
3.	Program Schedule/Agenda
4.	Resource Person Details
5.	Participants Attendance List
6.	Photographs
7.	Programme Report
8.	Sample Certificate
9.	Sample Participant Feedback Form



Dr C SENTHAMARAIKANNAN <senthamarai@svce.ac.in>

Webinar on Safety & Quality Guidelines for Selection of PSA based Oxygen Generators

3 messages

Hod Mech <hodme@svce.ac.in>

Thu, Aug 19, 2021 at 10:50 AM

To: Faculty Group <svcefaculty@svce.ac.in>, SVCE-Supporting Staff <svcesupport@svce.ac.in>, ARUN PRAKASH <arunprakash@svce.ac.in>

Dear Sir/Madam,

Greetings from The Department of Mechanical Engineering, Sri Venkateswara College of Engineering.

We are pleased to inform you that the Department of Mechanical Engineering in association with **Gulf Engineering, India** (Manufacturers of Oxygen generators) is organizing a webinar on **“Safety & Quality Guidelines for Selection of PSA based Oxygen Generators”** to all Interested people

Expert member

Dr A. Ashokkumar

Assistant Professor & Head

Department of Biotechnology

Periyar Maniammai Institute of Science and Technology,
(Deemed to be University), Thanjavur

Date :- 24th August, 2021 (Tuesday) from 11.00 Hrs to 12.00 Hrs (IST).

For registration, please fill the form: <https://forms.gle/Y53SPTuhxRJ6edE49>

Join with us using the Gmeet link: <https://meet.google.com/wfx-zhwj-amk>

or with the Gmeet Stream link :

<https://stream.meet.google.com/stream/a7b52a33-d033-4e22-9e86-894ee67c9b02>

Also, we request you to circulate among your known contacts.

Thank you in advance.

With Regards

With Regards,

Dr. S. Ramesh babu

Professor and Head

Department of Mechanical Engineering

Sri Venkateswara College of Engineering

No.1, Pennalur, Irungattukottai Post,

Sriperumbudur Taluk. - 602 117.

Ph.: +91-44-2715 2000 Ext.: 400

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&


Dr. C. Senthamarai Kannan

Assistant Professor

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Sri Venkateswara College of Engineering

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Expert Webinar on

Safety & Quality Guidelines for Selection of PSA based Oxygen Generators

Resource Person



Dr A. Ashokkumar

Assistant Professor & Head
Department of Biotechnology
Periyar Maniammai Institute of
Science and Technology,
(Deemed to be University), Thanjavur

Date

24th August, 2021

Time

11.00 Hrs to 12.00 Hrs (IST)

Registration form: <https://forms.gle/Y53SPTuhxRJ6edE49>

To join the Programme



<https://meet.google.com/wfx-zhwj-amk>

<https://stream.meet.google.com/stream/a7b52a33-d033-4e22-9e86-894ee67c9b02>

Organized by
Department of Mechanical Engineering, SVCE
In Association with
Gulf Engineering (Manufacturer of Oxygen Generators), India

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Coordinators

Dr. S. Ramesh Babu, HoD / MEC
Dr. C. Senthamaraikannan, AP/MEC




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Program schedule

- **Prayer Song**
- **Welcome Address by**
DR S RAMESH BABU
- **Introduction to Chief Guest**
DR C SENTHAMARAIKANNAN
- **Special talk by Chief Guest**
Dr A. ASHOKKUMAR
- **Questionnaire and Feedback**
- **Vote of Thanks by**
DR S RAMESH BABU

COORDINATORS

Dr. S. Ramesh Babu
HoD/MEC
Dr. C. Senthamarai Kannan
AP/MEC

<p>Dr.A.Ashokkumar Assistant Professor & Head Department of Biotechnology Periyar Maniammai Institute of Science and Technology Deemed to be University Vallam Thanjavur – 613403 ashokkumar@pmu.edu +91 - 9789670874</p>	
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Experience

Teaching	10.5 Years
Research	2 Years
Industry	1.5 Years
Total	14 Years

Index of Professional Profile

Performance Detail	Amount of Performance
Professional Experience	14 Years
As a Research Supervisor degree awarded	2
Total Research Publications (Journal and Conference)	25
Total number of Invited as Expert Talk	22
Total number of Training involved for Career Quality Improvement	25

Education

Qualification	Institutions	Status
Post.Doc. (Environmental Engineering)	University Malaya Kula Lumpur Malaysia	Highly commanded salaried and project funded by Malaysian Government
PhD (Chemical Engineering)	IIT Guwahati	Highly commanded stipend provided by MHRD GOI and project funded by DST
M.E. (Chemical Engineering)	Annamalai University	Passed with First Class
B.E. (Chemical Engineering)	Annamalai University	Passed with First Class

Significant Research Output as a Research Supervisor in last 3 years

Degree Awarded	Scholar Name	Title of Thesis
PhD in Biotechnology Year of awarded: May 2020	Dr. A. Farjana Begum (113011752013)	Studies on Optimization and Characterization in Effective Production of Pullulan and Bio Film Formation

Participant's list

S.No	Name of the Participants	Designation	Institute or Industry Name	Place
1.	Mugunthan S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
2.	Parthaasarathy B	Student	Sri Venkateswara College of Engineering	Sriperumbudur
3.	Pasupathy M	Student	Sri Venkateswara College of Engineering	Sriperumbudur
4.	Rahul Aravind	Student	Sri Venkateswara College of Engineering	Sriperumbudur
5.	Ravi Sanjay Karthik	Student	Sri Venkateswara College of Engineering	Sriperumbudur
6.	Raviram R	Student	Sri Venkateswara College of Engineering	Sriperumbudur
7.	Shameer Mohamed S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
8.	Sriram K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
9.	Surya Prakash B	Student	Sri Venkateswara College of Engineering	Sriperumbudur
10.	Sylendra Frabanjan S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
11.	Tharun Rajan S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
12.	Tushit Dev M	Student	Sri Venkateswara College of Engineering	Sriperumbudur
13.	Vasanth K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
14.	C Akash	Student	Sri Venkateswara College of Engineering	Sriperumbudur
15.	Deepaprahanya	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
16.	Jayasri.G	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
17.	Nandhini	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
18.	Raychel	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
19.	S Thiripurasundari	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
20.	Vinoth. A	Student	Sri Venkateswara College of Engineering	Sriperumbudur
21.	Mohamed Aashik	Student	Sri Venkateswara College of Engineering	Sriperumbudur

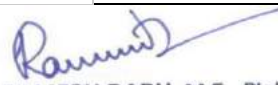
22.	Riswana Affrin	Student	Sri Venkateswara College of Engineering	Sriperumbudur
23.	Aishvarya B	Student	Sri Venkateswara College of Engineering	Sriperumbudur
24.	Nivedha Baskaran	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
25.	Riswana Begum	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
26.	Nivashini Vindhya S	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
27.	Vischalli J	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
28.	Thiritha Chithu	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
29.	Bhuvaneswari S	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
30.	Faf Du Plessis	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
31.	Bhavadharini Gunasekaran	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
32.	Jovi Jovitha	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
33.	Harise JP	Student	Sri Venkateswara College of Engineering	Sriperumbudur
34.	Dharshene K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
35.	Divya Kamal	Student	Sri Venkateswara College of Engineering	Sriperumbudur
36.	Karthi Keyan	Student	Sri Venkateswara College of Engineering	Sriperumbudur
37.	Abitha M	Staff	Gulf Engineering	Chennai
38.	Priyadharshan. M	Staff	Gulf Engineering	Chennai
39.	Rajkumar Madhavan	Proprietor	Gulf Engineering	Chennai
40.	Senthil Velan V	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
41.	Gomathi	Student	Sri Venkateswara College of Engineering	Sriperumbudur
42.	Methun.T	Student	Sri Venkateswara College of Engineering	Sriperumbudur
43.	Monesh Kanna K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
44.	Pradeep B K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
45.	Pradep Sreenivasan R	Student	Sri Venkateswara College of Engineering	Sriperumbudur
46.	Rahul Karuppiyah B	Student	Sri Venkateswara College of Engineering	Sriperumbudur

47.	Ramesh Aravind J M	Student	Sri Venkateswara College of Engineering	Sriperumbudur
48.	Sachithananthan J	Student	Sri Venkateswara College of Engineering	Sriperumbudur
49.	Sai Surya S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
50.	Shashang G	Student	Sri Venkateswara College of Engineering	Sriperumbudur
51.	Subash Chandra Bose A	Student	Sri Venkateswara College of Engineering	Sriperumbudur
52.	Subhikshan A	Student	Sri Venkateswara College of Engineering	Sriperumbudur
53.	Tharun M S K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
54.	Aatheeshwar G	Student	Sri Venkateswara College of Engineering	Sriperumbudur
55.	Aneesh Varman S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
56.	Anushyanth A	Student	Sri Venkateswara College of Engineering	Sriperumbudur
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60.	Hari Gowtham R	Student	Sri Venkateswara College of Engineering	Sriperumbudur
61.	Harsha Vardhan J	Student	Sri Venkateswara College of Engineering	Sriperumbudur
62.	Jagankumar M	Student	Sri Venkateswara College of Engineering	Sriperumbudur
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64.	Jeyaraman B	Student	Sri Venkateswara College of Engineering	Sriperumbudur
65.	Kalyan M S	Student	Sri Venkateswara College of Engineering	Sriperumbudur
66.	Kaushigarajan U.K	Student	Sri Venkateswara College of Engineering	Sriperumbudur
67.	Kaviarasu M	Student	Sri Venkateswara College of Engineering	Sriperumbudur
68.	Keerthivarman A	Student	Sri Venkateswara College of Engineering	Sriperumbudur
69.	Kirran Goutam J B	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
70.	Lokesh A	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore

71.	Magesh Ram R	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
72.	Manikandan J	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
73.	Manu Raghav M	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
74.	Melvin Rosoaario A	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
75.	Rifan Rafick	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
76.	Surya Raja	Student	Periyar Maniammai Institute of Science and Technology	Vallam Tanjore
77.	Senthil Velan V	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
78.	R Ramesh	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
79.	Dr.S.NATARAJAN	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
80.	Joe Johnson	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
81.	Gajendiran M	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
82.	Sivaramapandiyan J	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
83.	Dr. M. Mohandass	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
84.	Dr. Vignesh M	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
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89.	Balakumar M	Faculty	Sri Venkateswara College of Engineering	Sriperumbudur
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93.	Arun Prakash	Student	Sri Venkateswara College of Engineering	Sriperumbudur
94.	Branham Melchi R	Student	Sri Venkateswara College of Engineering	Sriperumbudur

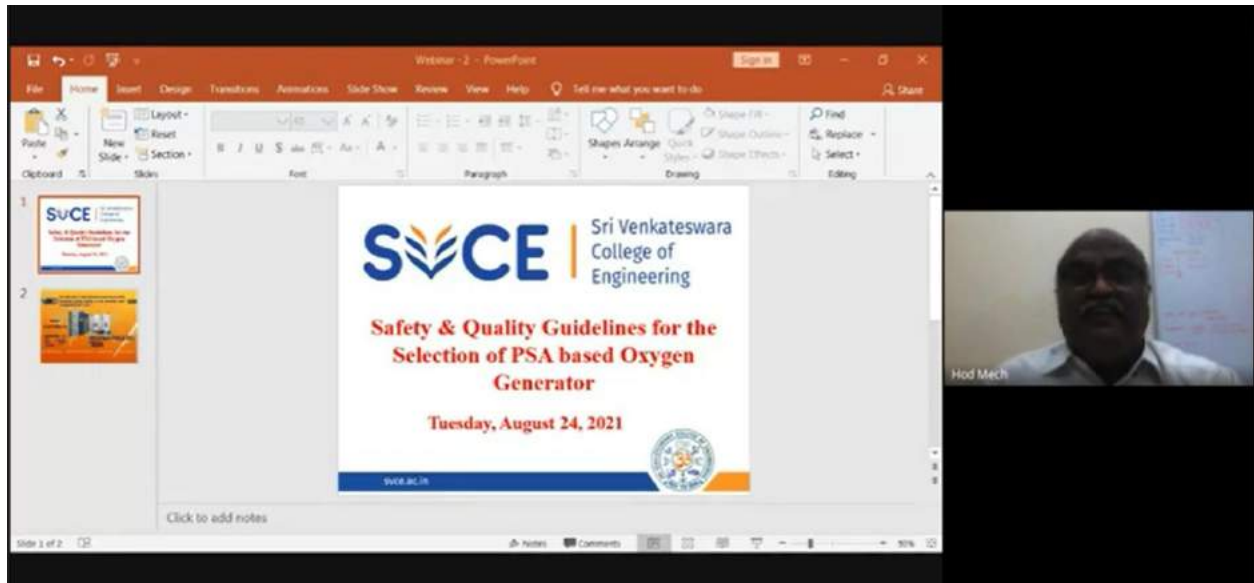
95.	Chandhru R	Student	Sri Venkateswara College of Engineering	Sriperumbudur
96.	Pavithran R	Student	Sri Venkateswara College of Engineering	Sriperumbudur
97.	Rajkumar R	Student	Sri Venkateswara College of Engineering	Sriperumbudur
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101.	Vrk Sibi	Student	Sri Venkateswara College of Engineering	Sriperumbudur
102.	Subasri	Student	Sri Venkateswara College of Engineering	Sriperumbudur
103.	Ragasuthi Suthi	Student	Sri Venkateswara College of Engineering	Sriperumbudur
104.	Zuvairiya Begum	Student	Sri Venkateswara College of Engineering	Sriperumbudur
105.	Sarumathy T	Student	Sri Venkateswara College of Engineering	Sriperumbudur
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108.	Aravamudan Varadharajan	Student	Sri Venkateswara College of Engineering	Sriperumbudur
109.	Vignesh D	Student	Sri Venkateswara College of Engineering	Sriperumbudur
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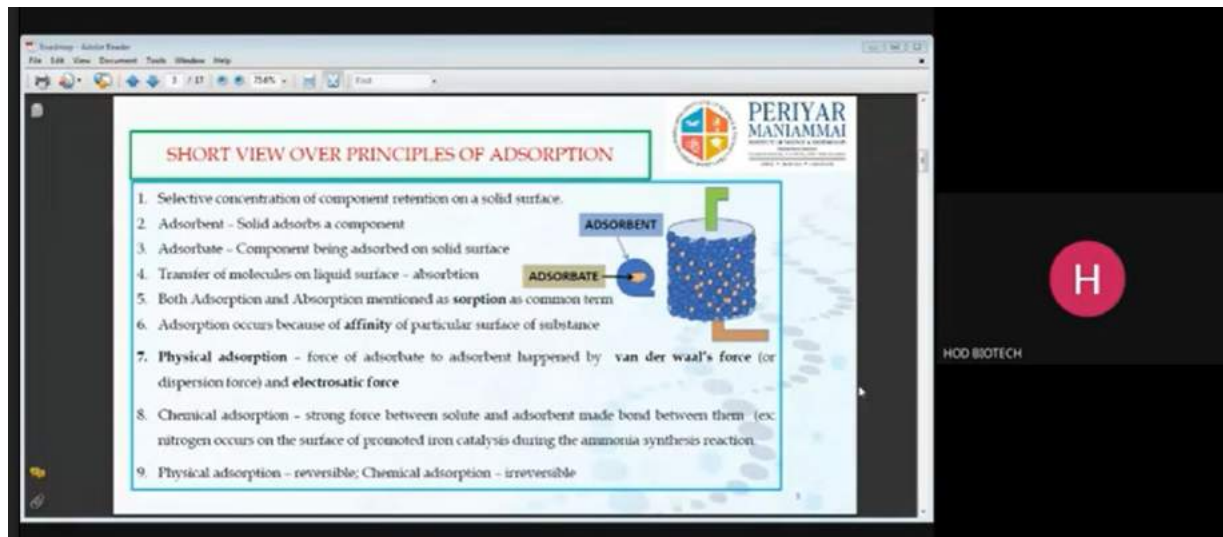

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 Tamilnadu, INDIA.

One Day International Expert Webinar on
“SAFETY & QUALITY GUIDELINES FOR SELECTION
OF PSA BASED OXYGEN GENERATORS” -- 24/08/2021.

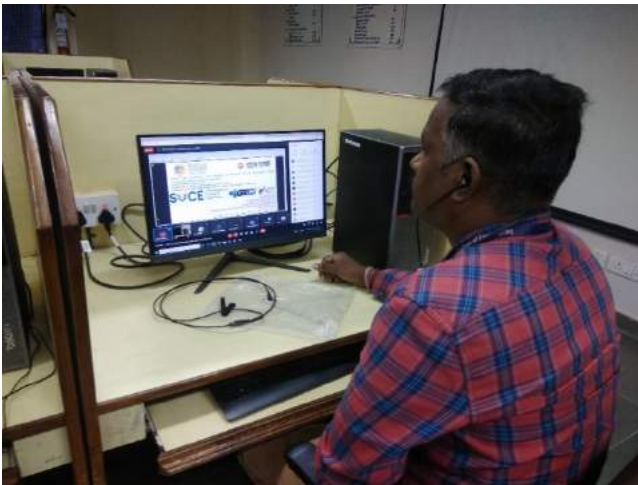
Inaugural Address by HoD/MEC



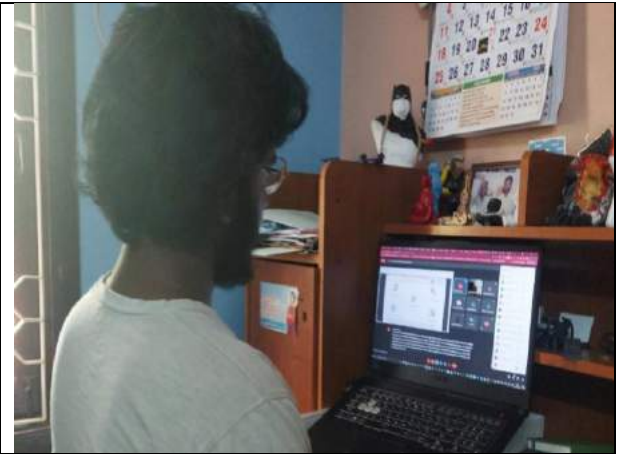
Expert talk – Dr A. Ashokkumar



Faculties watching Webinar



Students watching webinar



Programme Report

The webinar was successfully organized on 24.08.2021 by the Department of Mechanical Engineering, SVCE. This webinar was coordinated by Dr.S.Ramesh Babu, HoD/Mech, and Dr. C.SenthamaraiKannan AP/MEC. The resource person Dr A. Ashokkumar Assistant Professor & Head Department of Biotechnology Periyar Maniammai Institute of Science and Technology, (Deemed to be University) Thanjavur. presented the webinar after the inaugural speech by Head of the Department, Dr.S.Ramesh babu.

This webinar aims to provide knowledge on the “Safety & Quality Guidelines for Selection of PSA Based Oxygen Generators” to the participants. This online webinar provides a platform to connect peers in this field across Tamilnadu. Students, Research Scholars and aspiring faculty members benefited from the real time studies presented by the Speaker.

Speaker elaborated the safety guidelines followed in Oxygen generating facilities. He also explains the adsorption principal, how this system is working. He continued with various adsorption systems and its applications, significant properties to be considered for selection of adsorbents which is used in Oxygen generators. The event was participated by 111 enthusiastic participants from across Tamilnadu. All the participants who had attended the event and given the feedback were issued with E-certificate.


Dr. C SENTHAMARAI KANNAN
Dr. C.SenthamaraiKannan M.E, Ph.D
Assistant Professor
Department of Mechanical Engin
Sri Venkateswara College of Engineering
Sriperumbudur - 602117


Dr. S. RAMESH BABU, M.E., Ph.D
Professor & Head
Department of Mechanical Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur (TK) - 602117.
Tamilnadu, INDIA.



35 Years of Excellence

Certificate of Participation

This is to certify that

Mr R.Surya,

Periyar Maniammai Institute of Science and Technology

has successfully participated in the Expert Webinar titled “**Safety & Quality Guidelines for Selection of PSA based Oxygen Generators**”, Organised by the **Department of Mechanical Engineering, Sri Venkateswara College of Engineering, Sriperumbudur** in association with **Gulf Engineering (Manufacturer of Oxygen Generators), India** on 24th August, 2021.



Dr. S. Ramesh Babu
Head of the Department



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Institution in Tamil Nadu



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Innovation Cell



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HACKATHON
2020

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Performer



Recognized
Incubation Center



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Organization



Accreditations



Certificate and Feedback form for Webinar on "Safety & Quality Guidelines for Selection of PSA based Oxygen Generators"

Email *

suryaraja549@gmail.com

Name of the Participant (Kindly type your Name with Dr/Mr/Mrs, this will be reflected in the certificate) *

Mr R.Surya

Name of the Institution *

Periyar Maniammai Institute of Science and Technology

Place *

Vallam Tanjore

The information presented in the session was useful *

	1	2	3	4	5	
Fair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Excellent

The subject matter was presented effectively *

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Strongly Agree

The duration of the session was sufficient to get an overview of the topic *

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Strongly Agree

Overall FDP Organisation *

	1	2	3	4	5	
Fair	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Excellent

Thank you for your Feedback and you will receive your E-certificate in the given email id shortly.

