



Bharati Vidyapeeth's
Dr. Patangrao Kadam Mahavidyalaya, Sangli
 Accredited with 'B++' grade by NAAC, Bengaluru (CGPA-2.96) | Affiliated to Shivaji University, Kolhapur



Department of Physics and Internal Quality Assurance Cell
 In association with ISHRAE Kolhapur-Sangli Sub-Chapter

Organized National Webinar on

Ozone For Life – 35 Years of Ozone Layer Protection

Wednesday, 16th September, 2020 | 11.30 AM Registration Link : http://bit.ly/Ozone_for_life

Invited Speakers

Dr. Sunil D. Pawar
 Scientist F, IITM, Pune

Dr.(Smt.) S. Fadnavis
 Scientist F, IITM, Pune

Mr. N. N. Natke
Mr. Y. C. Dhulgand
 Secretary

Dr. Amit R. Supale
 Coordinator, IQAC

Dr. Dada P. Nade
 Coordinator

Dr. (Mrs.) P. M. Patil
 In-charge
 Science Faculty

Dr. C. E. Patil
 Convener,
 HOD, Physics

Chairperson

Principal Dr. D. G. Kanase
 MC Member, SU, Kolhapur

Report on the National Webinar on Ozone for Life -35 Years of Ozone Layer Protection

16th September, 2020

Theme: Ozone for Life -35 Years of Ozone Layer Protection



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Dr. Sunil D. Pawar
 Scientist F, IITM, Pune
 Topic

Role of Lightning in Ozone Formation in Troposphere



Dr.(Smt.) S. Fadnavis
 Scientist F, IITM, Pune
 Topic:
Ozone for Life

Organizing Chairman
Principal Dr. D. G. Kanase
 MC Member, SU, Kolhapur



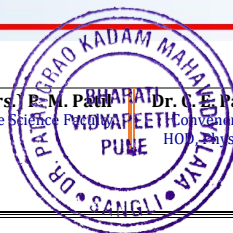
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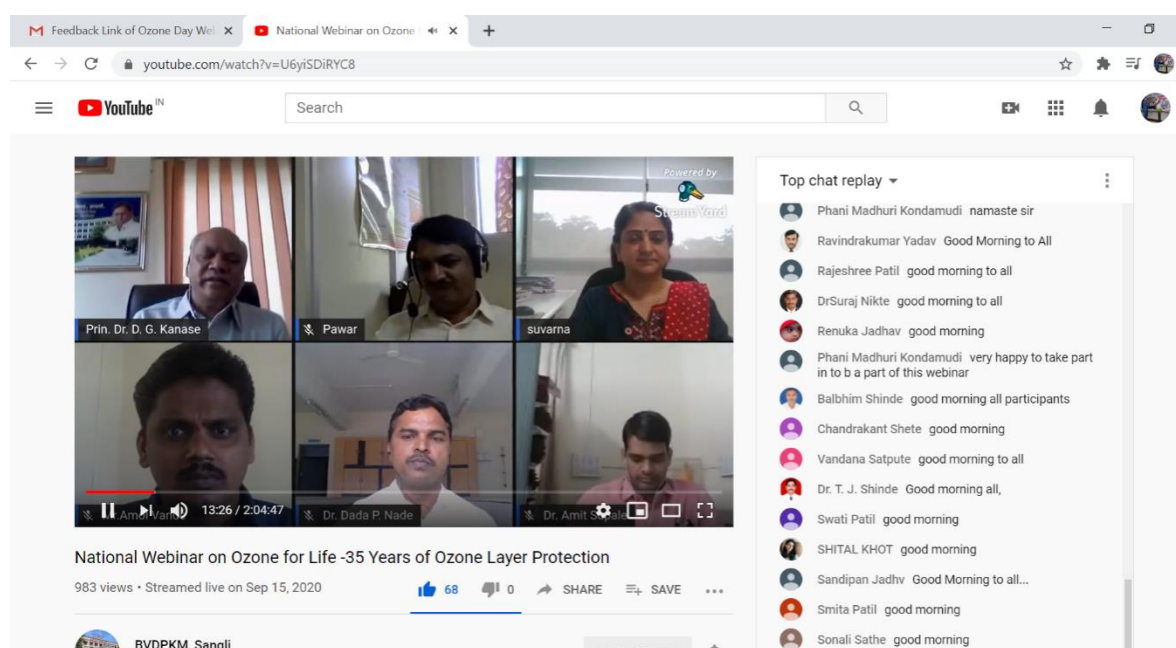
Principal Dr. D. G. Kanase
 Organizing Chairman,
 MC Member, SU, Kolhapur



We, Department of Physics and Internal Quality Assurance Cell, Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli in association with the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) Kolhapur-Sangli Sub-Chapter have organized World Ozone Day on the occasion of Ozone day and Foundation Day of the Bharati Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli. Due to Covid-19, we have organized the online National Webinar on Ozone for Life -35 Years of Ozone Layer Protection" on 16th September, 2020. There were 175 students and 104 faculty participants (**total 239**) have registered for the same. Table 01 illustrates the details of institute wise participation. The participation was found from totally **70 institutes**. The whole event is available on YouTube at

<https://www.youtube.com/watch?v=U6yiSDiRYC8>

We invited as speaker to Dr. Sunil D. Pawar and Dr. (Smt.) S. Fadnavis, both are Scientist-F, at the Indian Institute of Tropical Meteorology (IITM), Pune. As per the schedule of webinar we have started at 11:30 am with introduction and forwarded of theme of ozone day as Ozone for Life -35 Years of Ozone Layer Protection. Dr. Dada P. Nade (coordinator of webinar) has given idea about the celebration of ozone day. He also has introduced ozone layer and importance of the Montreal Protocol for protection of stratospheric ozone layer.



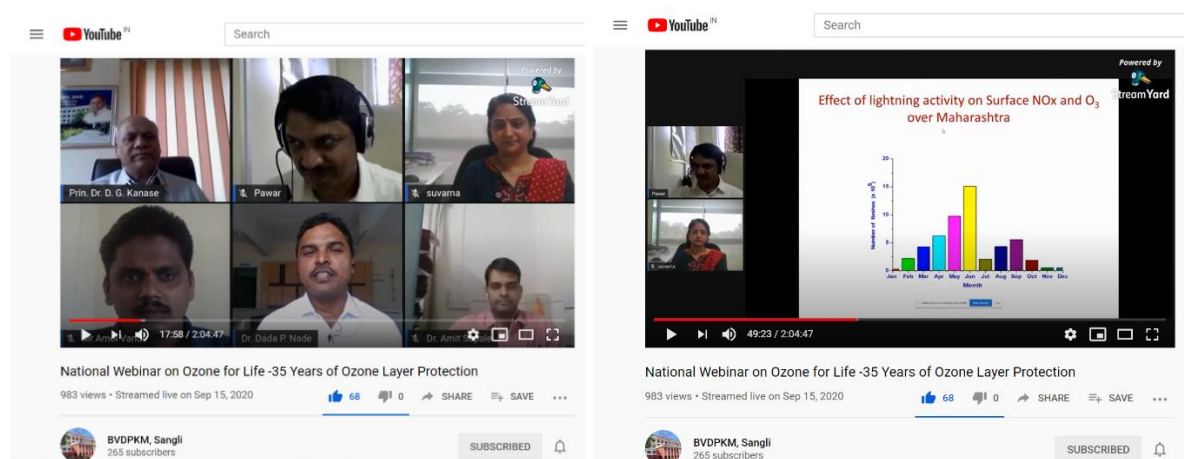
Principal Dr. D. G. Kanase (the Organizing Chairman) has not only introduced college but also, he has given detail information about aim of president behind the institution. He also spoken on importance of the Foundation Day and given idea that how we have been celebrating the Foundation day on every year. He has started his talk with welcome of the guest speaker.

Introduction of Dr. S. D. Pawar (Scientist F, IITM, Pune) has given by Dr. Dada P. Nade and he has highlighted on Center for Space and Atmospheric Science (CSAS), SGU,

Mr. N. N. Natke Mr. Y. C. Dhulgand Secretary	Dr. Amit R. Supale Coordinator, IQAC	Dr. Dada P. Nade Coordinator, Asst. Prof. in Physics	Dr. (Mrs.) P. M. Patil In-charge Science Faculty	Dr. C. E. Patil Coordinator, HOD, Physics	Principal Dr. D. G. Kanase Organizing Chairman, MC Member, SU, Kolhapur
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Kolhapur. This CSAS has established by himself with the help of Dr. Pawar and his team from IITM, Pune. The CSAS will one of most popular atmospheric research laboratory in India in future.

Dr. Sunil D. Pawar has mainly focused on formation of ground level ozone that is tropospheric ozone. This ozone is also called bad ozone and it can more during the lightning activities. He has also given statistical information regarding formation of bad ozone and lightning activities. According to him, lightning activities have been increasing over Maharashtra and hence the formation of bad ozone also increasing since last few years. He also pointed out that the most of the people from major cities are suffering from bad ozone. In question-answering session he has mentioned lightning activity is natural, however, it happens due to aerosols in atmosphere and the concentration of aerosols increases due to polluted air. So, we should take care our planet by overcome the air pollution using new technology.



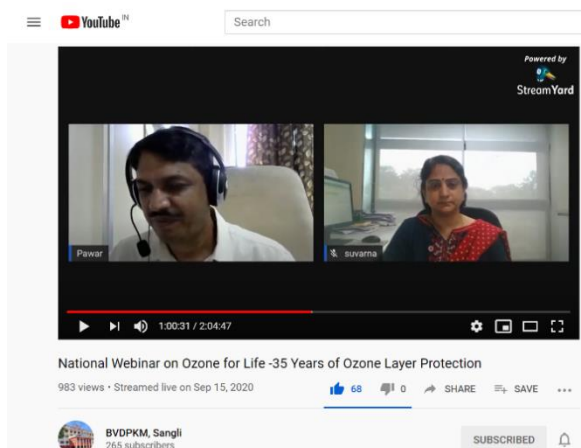
Next session was started with introduction of Dr. (Smt.) S. Fadnavis and it has given by Mr. Nandkumar N. Natke (secretory of event). He has focused on major achievements of Dr. (Smt.) S. Fadnavis and brief about her education life.

Dr. (Smt.) S. Fadnavis is one of the most dynamic scientists in field of ozone and its related dynamics the among the India. She has given idea about ozone layers and then she spoken on concentration of stratospheric ozone and ozone hole at Antarctica. Her talk was mainly focused on fundamental of ozone layer and its reaction mechanism with other constituents of the atmosphere. She has covered all aspects related to ozone protection and she gave answers of many.

In the last section, Mr. Yashawant C. Dhulagand has given vote of thanks. We, Department of Physics, very grateful to management of Bharati Vidyapeeth and specially to Principal Dr. D. G. Kanase Sir for providing support and guidance to organize this national webinar. We also thankful to Dr. Amit Supale, Dr. (Mrs.) P. M. Patil and technical supporter Mr. Amol Vande. We also thankful to Prof. R. H. Yadav, President of ISHRAE, Kolhapur Sangli Sub-chapter.



Mr. N. N. Natke Mr. Y. C. Dhulagand Secretary	Dr. Amit R. Supale Coordinator, IQAC	Dr. Dada P. Nade Coordinator, Asst. Prof. in Physics	Dr. (Mrs.) P. M. Patil In-charge Science Faculty	Dr. C. E. Patil SANGLI HOD, PHYSICS	Principal Dr. D. G. Kanase Organizing Chairman, MC Member, SU, Kolhapur
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Dr. C. E. Patil, Head of Physics Department, was convener of this event and under his guidance other team members have worked. Dr. Dada P. Nade (Asst. Prof. in Physics) has handled this event as an Coordinator and the responsibility of secretary has handled by Mr. N.N. Natke and Mr. Y.C. Dhulagand.

Table 01: Institute wise distribution of Participation

Sr. No.	Institute/College/University	Number of participants	
		Students	Faculty
1	Institute of Technology, Hadapsar (Pune)	50	02
2	University of Jammu	04	
3	Shivaji University Kolhapur	20	02
4	Dahiwadi College, Dahiwadi	08	02
5	Sanjay Ghodawat University, Kolhapur	20	08
6	Dr. Patangrao Kadam Mahavidyalay Sangli	34	31
7	University of Mumbai	01	
8	Birla Institute of Technology, Mesra	01	
9	Shri. Vijaysinha Yadav College Peth-Vadgaon	01	03
10	Rajarshi Chh. Shahu College, Kolhapur	01	
11	Walchand College of Engineering, Sangli	02	
12	Devchand College, Arjun Nagar	02	
13	Punyshlok Ahilyadevi, Holkar Solapur University, Solapur	01	
14	Dr. J. J. Magdum College of Engineering, Jaysingpur	01	03
15	Loyola High School	01	
16	Jaysingpur College, Jaysingpur	02	
17	Sadguru Gadage Maharaj College, Karad	02	01
18	Government College of Engineering, Karad	01	
19	Ignou Open University	01	
20	NES Science College, Nanded	02	
21	Nootan College of Pharmacy, Kavthemahankal	01	
22	Maharaja's College of Pharmacy, Vizianagaram.	01	
23	Maharaja Jivajirao Shinde Mahavidyalaya	08	

Mr. N. N. Natke
Mr. Y. C. Dhulagand
Secretary

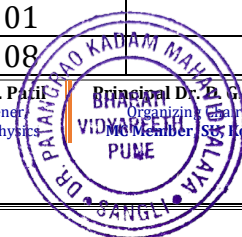
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HOD, Physics

Principal Dr. B. G. Kanase
Organizing Committee,
Member Secretary, Kolhapur



24	Karmveer Bhaurao Patil College, Islampur	04	
25	Vasant College of Education, Islampur	01	
26	Jingonda Balgonda Patil Highschool, Chipri	05	
27	KLE Institute of Technology, Hubli		01
28	Raje Ramrao College, Jath		04
29	Ankushrao Tope College, Jalna		01
30	Borgaon Prathamc Vidyalaya, Borgaon		01
31	SVCS, Peth		01
32	Yashvant Vidyalaya and Junior College, Bhoze		01
33	Swami Ramanand Vidyalaya and Jr. College, Ramanandnagar		01
34	Vitthalrao Patil College, Kale		02
35	Fabtech Technical Campus, College of Engineering and Research, Sangola		01
36	Vidnyan Mahavidyalaya, Sangola		01
37	P. D. V. P. College, Tasgaon		01
38	Krantisinh Nana Patil College, Walwa		01
39	Rajarambapu institute of Technology, Rajarnanagar		02
40	Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyalaya Islampur		01
41	Devchand College, Arjun nagar		01
42	Shri Bahubali Vidyapeeth's Shri Vidyasagar Highschool Akiwat.		01
43	Shikshanmaharshi Dr. Bapuji Salunkhe College Miraj		02
44	Department of Physics, Bharati Vidhyapeeth Deemed to be University Yashwantrao Mohite College Pune		01
45	Mathura Highschool, Ichalkaranji		01
46	Freelance Tax Consultant		01
47	JRN Rajasthan Vidyapeeth University		01
48	Dr. D. Y. Patil University, Kolhapur		01
49	D.J.G.Arts Commerce Science College, Vaduj		01
50	Department of Journalism and Mass Communication, Gulbarga University, Kalaburagi		01
51	Balwant College, Vita		01
52	Arts Commerce and Science College, Palus		02
53	Amruteshwar Art's, Commerce And Science College, Vinzar		01
54	Willingdon College, Sangli		01
55	Shri. S. H. Kelkar college of Arts, Commerce and Science college, Devgad		01
56	Sindhudurg shikshan prasarak mandal's college of Engineering, Kankvali		01
57	Science College, Nanded		01
58	Vishweshwarayya Abhyantriki Padvika Mahavidyalaya, Almala		01

Mr. N. N. Natke
Mr. Y. C. Dhulgand
Secretary

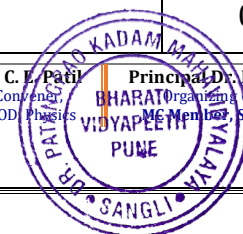
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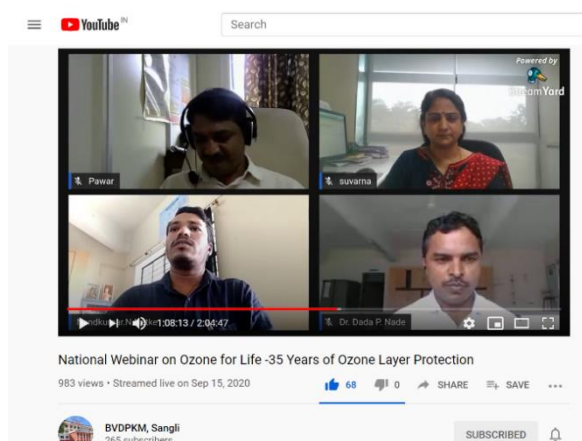
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HOD Physics

Principal, Dr. D. G. Kanase
Chairman,
Member, SJ, Kolhapur



59	Shri Chhatrapati Shahu Maharaj Sainik School, Udgir Dist. Latur		01
60	BP Arts SMA Science KKC Commerce College, Chalisgaon		01
61	Maharaja Jivajirao Shinde College Shrigonda, Ahmednagar		01
62	Mahant Laxminarayan Das College, Raipur, Chhattisgarh		01
63	PVPIT, Budhgaon		01
64	Dr. Parnerkar Maharaj JR College, Vashivali		01
65	Dhote Bandhu Science College, Gondia		01
66	Anjuman Islam Allana English Primary School		01
67	D.K.T.E.S Textile and Engineering Institute, Ichalkaranji		02
68	Abhalmaya Foundation, Sangli		01
69	Shri Uttreshwar Junior College, Kem		01
70	Danoli High School, Danoli		01
	Total	175	104




(Dr. D. P. Nade)


(Dr. D. G. Kanase)

PRINCIPAL,
Dr. Patangrao Kadam Mahavidyalaya,
Sangli - 416416 (Sangliwadi)



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**Bharati Vidyapeeth's
Dr. Patangrao Kadam Mahavidyalaya, Sangli**

**National Webinar on
Ozone for Life -35 Years of Ozone Layer Protection**

on 16th September, 2020

Schedule: 11:30 am to 01:30 pm

Organized by Department of Physics

Time	Description	By Hands of
11:30am to 11:40am	Welcome and Introduction of College	Principal Prof. (Dr.) D. G. Kanase Organising Chairman
11:40am to 11:45am	Forward	Dr. C. E. Patil Convener
11:45am to 11: 50am	Introduction of Guests	Dr. D. P. Nade Coordinator
11:50am to 12:20pm	Relation between Ozone and Lightning	Dr. S. D. Pawar (Scientist F, IITM, Pune)
12:20pm to 12:3pm	Discussion and Vote of thanks of Guest	Mr. Y.C. Dhulgand Secretary
12:30pm to 01:00pm	Ozone for life	Dr. S. Fadnavis (Scientist F, IITM, Pune)
01:00pm to 01:10pm	Discussion and Vote of thanks of Guest	Mr. N. N. Natke Secretary
01:10pm to 01:30pm	General Discussion	


(Dr. D. P. Nade)


(Dr. D. G. Kanase)

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Sangli - 416416 (Sangliwadi)



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