

Shri Swami Vivekanand shikshan Sansthas

**Padmabhushan
Dr Vasantodada Patil
Mahavidyalaya, Tasgaon Sangli**

Organize

*Second International Conference
on*

**Integrative Approach in Environmental
and Applied Sciences**

8th & 9th February-2019

In collaboration with

**Department of Environmental Sciences
Shivaji University, Kolhapur**

at

Baha'I Academy, Panchagani (MS) India

The Second International Conference on “Integrative Approach in Environmental and Applied Sciences-2019” has organized by Padmabhushan dr Vasantodada Patil Mahavidyalay, Tasgaon, dist. Sangli in collaboration with Dept. of Environmental sciences, Shivaji University, Kolhapur.



The IAEAS-2019 was organized to bring together researchers, scientists, and industry professionals to discuss innovative ideas and diverse topics on next generation of chemical, Biological and Environmental sciences. IAEAS-2019 was joined by 80 delegates from different institutions from India.



Department of Chemistry, Botany and Zoology of P.D.V.P. Mahavidyalaya, Tasgaon jointly participate and concluded its work for successful organization of two days Conference on February 8th-9th, 2019 at Baha'i Academy, Panchagani, Maharashtra, India.



Honorable Prin. Abhaykumar Salunkhe
Executive President
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

MESSAGE

Heartiest congratulations for arranging an International Conference on "INTEGRATIVE APPROACH IN ENVIRONMENTAL AND APPLIED SCIENCES." on 8th and 9th February 2019 at Baha'i Academy, Panchagani on the occasion of birth centenary year of founder of our management great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe in collaboration with the Department of Environmental Science, Shivaji University, Kolhapur. I am sure that very fruitful deliberations will take place in the conference which will be highly beneficial to the students, participants and society.

Good wishes from Shri Swami Vivekanand Shikshan Sanstha, Kolhapur for the grand success of the conference.

With best regards.



Honorable Chandrakant Dada Patil
(Minister, Govt. of Maharashtra), President
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

MESSAGE

I am very happy to know that Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon is organizing an International Conference on "INTEGRATIVE APPROACH IN ENVIRONMENTAL AND APPLIED SCIENCES." on 8th and 9th February 2019 at Baha'i Academy, Panchagani on the occasion of birth centenary year of great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe in collaboration with the Department of Environmental Science, Shivaji University, Kolhapur.

I hope scientists and research scholars from varied disciplines will share their knowledge and academic experiences which will be highly beneficial to the students, participants and society.

Good wishes from for the grand success of the conference.

With best regards.





Honorable Prin. Shubhangi Gavade
Secretary,
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

MESSAGE

I am delighted to know that Padmabhushan Dr.Vasantaodada Patil Mahavidyalaya, Tasgaon of our management is organizing an International Conference on "INTEGRATIVE APPROACH IN ENVIRONMENTAL AND APPLIED SCIENCES."on 8th and 9th February 2019 at Baha'i Academy, Panchagani on the occasion of birth centenary year of founder of our management great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe in collaboration with the Department of Environmental Science, Shivaji University, Kolhapur.

It gives me great pleasure to welcome you at this conference. I hope scientists and research scholars from varied disciplines will share their knowledge and academic experiences which will be highly beneficial to the students, participants and society.

Good wishes from Shri Swami Vivekanand Shikshan Sanstha, Kolhapur for the grand success of the conference.

With best regards.



Honorable Prof. (Dr.) Devanand Shinde
Vice Chancellor,
Shivaji University, Kolhapur

MESSAGE

I am very happy to know that Padmabhushan Dr.Vasantaodada Patil Mahavidyalaya, Tasgaon is organizing an International Conference on "INTEGRATIVE APPROACH IN ENVIRONMENTAL AND APPLIED SCIENCES."on 8th and 9th February 2019 at Baha'i Academy, Panchagani on the occasion of birth centenary year of great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe in collaboration with the Department of Environmental Science, Shivaji University, Kolhapur. The theme of the conference is very vital. I hope scientists and research scholars from varied disciplines will share their knowledge and academic experiences which will be highly beneficial to the students, participants and society. Good wishes for the grand success of the conference.

With best regards.





Honorable Prof. (Dr.) D. T. Shirke
Pro-Vice Chancellor,
Shivaji University, Kolhapur

MESSAGE

I am happy to know that Padmabhushan Dr.Vasantnada Patil Mahavidyalaya, Tasgaon is organizing an International Conference on "INTEGRATIVE APPROACH IN ENVIRONMENTAL AND APPLIED SCIENCES" on 8th and 9th February 2019 at Baha'i Academy, Panchagani on the occasion of birth centenary year of great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe in collaboration with the Department of Environmental Science, Shivaji University, Kolhapur.

It gives me pleasure to wish the success at this conference. I hope scientists and researchers from varied disciplines will share their knowledge and academic experiences which will be highly beneficial to the students, participants and society.

With best regards.



Dr. Prakash D. Raut
B. Sc., Ph.D., M. Ed., D. V. M., B.A., B.L., D.L., M.A.
Professor and Head

SH.No. V/12/PC/107

SHIVAJI UNIVERSITY, KOLHAPUR
DEPARTMENT OF ENVIRONMENTAL SCIENCE



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Date: 6 FEB 2019

MESSAGE

I am very happy to extend warm congratulations to Padmabhushan Dr. Vasantnada Patil Mahavidyalaya, Tasgaon, Dist. Sangli and Department of Environmental Science, Shivaji University, Kolhapur for organising an International Conference on "Integrative Approach in Environmental and Applied Sciences" on the occasion of birth centenary celebration of Shikshan Maharshi Dr. Bapuji Salunkhe, a founder of Shri, Swami Vivekanand Shikshan Sanstha, Kolhapur.

I am happy that the theme of the international conference is interdisciplinary and involves the inclusion of the scientist, academicians and students from the field of environmental and applied sciences. The conference will give a platform to the young budding scientists to look towards alarming issues related to mankind.

I am confident that the deliberations and discussions at the international conference will provide a platform to generate the innovative methods for sustainable development and management of the problems of society.

I extend my warm greeting to eminent scientists and participants attending this international conference. I wish the conference a grand success and hope that the major academic insights emerging out of the discussion will be helpful to extend sustainable service to mankind.


Prof. (Dr.) P. D. Raut





Dr. R. R. Kumbhar
Principal,
P.D.V.P. Mahavidyalaya, Tasgaon

WELCOME

Shri Swami Vivekanand Shikshan Sanstha was established in 1954 by the great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe with the motto "Dissemination of Education For Knowledge, Science and Culture." and with the aim of imparting education to the people who are deprived of an opportunity of getting education. It's great pleasure to inform you that we are celebrating this year as a birth centenary year of founder of our management great educationalist Shikshanmaharshi Dr. Bapuji Salunkhe in collaboration with the Department of Environmental Science, Shivaji University, Kolhapur. Today our management is runs 374 educational centers. Padmabhushan Dr. Vasantroodada Patil Mahavidyalaya, Tasgaon is one of these centers. The college was started in 1962 with a small strength of 67, now it is more than 5000.

Our college is running 16 UG and 08 PG courses of Arts, Commerce and Science faculties. The NCC, NSS, Gymkhana and Cultural departments of our college are our proud with outstanding performances. The Chemistry, Physics, Botany and Zoology laboratories are recognized as research laboratories by Shivaji University, Kolhapur for M.Phil and Ph.D. degrees.

It's my great pleasure to inform you that during last two years our esteemed faculty has published more than 100 research papers in reputed journals. At the same time our faculty is highly engaged in taking minor and major research projects. Some of faculty has filed their patents for the approval.

Our management has an ever-lasting bond with the society. Inspiration and guidance of the President of our management Hon. Chandrakant Dada Patil (Minister, Govt. of Maharashtra), the executive president Prm. Abhaykumar Salunkhe, the Secretary, Prm. Shubhangi Govade supports for growth and development of college.

I would like to welcome all of you and wish best success for International Conference being organized at Baha'i Academy, Panchgani, which will be fruitful and encouraging to all the participants.

Welcome all of you once again.



The conference program featured a wide variety of invited and contributed lectures from national and international speakers with expertise in the field of Chemistry, Botany, Zoology and Environment as well as oral sessions.



Conference Scope

IAEAS-2019 themes include the following research and development areas (about 26 themes).

Major Theams of IAEAS-2019			
1	Animal Physiology and Biochemistry	14	Metal Complex
2	Aquaculture, Sericulture, Apiculture, Ornithology and Parasitology	15	Multidisciplinary Perspective for sustainable planet
3	Biodiversity and Environmental Sustainability	16	Nanotechnology
4	Biotechnology and Genetic Engineering	17	Natural Product and its Applications
5	Catalyst	18	Natural recourses and its Conservation
6	Climate Change and Global Warming	19	Organic synthesis
7	Coordination Chemistry	20	Plant Physiology, Pathology, Cytogenetic, Taxonomy, Ethanobotany,
8	Drug Synthesis	21	Polymer
9	Ecology and Ecosystem	22	Steam Cell Technology
10	Ecotourism	23	Sustainable Agriculture and its development
11	Food and Drug Analysis	24	Sustainable Chemistry
12	Kinetic Study	25	Toxicology and Pollution control
13	Medicinal Chemistry	26	Waste Management

WELCOME AND OPENING CEREMONY



The first day of conference started with Welcoming and Opening Ceremony. The following representatives as well as the Chief Guest and the Guest of honor had addressed to delegates with short welcoming speeches.



***Prof. Dr. P. D. Raut
Head, Dept. of
environmental Sciences
Shivaji University, Kolhapur***



***Principal Dr. A. A. Karande
Life member, Shri Swami
Vivekanand Shikshan
Sanstha, Kolhapur***

WELCOME AND OPENING CEREMONY



*Dr. Azadi Lesan
Director
Baha'I Academy, Pamchagani*



*Dr. Ashish Lambat
Convener, IAEAS-2019
P.D.V.P. Mahavideyalaya,
Nagpur*



*Principal Dr. R. R. Kumbhar
P.D.V.P. Mahavideyalaya
Tasgaon, Dist. Tasgaon*



*Dr. Ajay N. Ambhore
Convener, IAEAS-2019
P.D.V.P. Mahavideyalaya, Tasgaon*



Welcome by Baha'I Academy, Panchagany (MS) Indial



Hundreds of research paper abstracts were submitted by the researchers from different institute through India from which 71 research papers are selected by the scrutiny committee of IAEAS-2019 for oral presentation and publication

WELCOME SPEECH



*Dr. Ajay N. Ambhore
Convener, IAEAS-2019
P.D.V.P. Mahavidyalaya,
Tasgaon. Dist. Sangli*



*Principal Dr. R. R. Kumbhar
P.D.V.P. Mahavidyalaya,
Tasgaon. Dist. Sangli*

INVITED TALK

Invited talks and technical sessions have been prepared in accordance with conference scope to discuss the challenges, opportunities and recent advances in chemical sciences. The conference had 8 speakers.



INVITED TALK



ACKNOWLEDGEMENTS

The Convener of IAEAS – 2019, Dr. S. A. Khade,, expressed deep gratitude on behalf of organizing Committee to the Principal P.D.V.P. Mahavidyalaya, Tasgaon for hosting such a spectacular event. The Convener expressed deep gratitude on behalf of organizing Committee to Dept. of Enviornmental Sciences, Shivaji University, Kolhapur, for their extensive help.

Special thanks were extended to Baha'I Acadamy, Panchagani, who worked all together and extremly hard to prepare an outstanding conference.

Finally, tender thanks were expressed to the Faculty of Chemistry, Botany and Zoology department as well as teaching and nonteaching staff of P.D.V.P. Mahvidyalaya, tasgaon, who did impressive and dedicated work.



Total Participants: 80



*Thank
you*