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HIEF PATRON Dr V. Bhankar

(President -64ES)

MEDINS

Shri M.V. Ramnarayan

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Dr. Venkatesh Raghavan

(President of OfGeoFoundation, Professor of Germanics, at Gradouse School of Engineering Osaka City Deiversity, Japan)

Dr Manoj Deshpande

(Director - Prestige Institute of Technology Indice Former view chancelles, Pune)

### DVISORY COMMITTEE

- 1. Dr Chandrahauns Chavan (Prof. & Director of JBIMS, UoM)
- 2. Dr Yashwant Patil

(Associate Professor & Head of Center Information Technology Lead Auditor -Information Security Management System (ISMS), Valkunth Mehata National institute of Cooperative Management, Punel

- Dr Sasikumar Mukundan (Associate Director of CDAC)
- Dr. Nalin N. Jeni

(Mentor - Industry Institute Interaction Cell, Kadi Sarva Vishwavidyalaya, Gandhinagar Ex Director & Dean CS SKPIMCS-MCA & KSV. Gandhinagar)

- 5. Dr Pradip Manjrekar (SR University Prof. Ex University Dean )
- 6. Dr. S.S. Mantha (Former Chairman of AICTE, Adjunct Professor at NIAS, Cangalore)

SIES (NERUL) COLLEGE OF ARTS. SCIENCE & COMMERCE Sr: Chandrasekarendra Saraswally Nor Sr: Chandrasekarendra Saraswally Nor Vityapuram. Plot No. 1-C, Sector Convenors Nerul, Navi Mumbai - 400 706 CONVENORS

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Mr. Sheein Ravi (9020468634)

Dr. Millind Vaidya (Principal)

Dr. Kool Ray Choudhury (Vice-Principal)

De. Swari Victor (0820178872)

Ms. Am. Thomas (\$820366117)

Registration Details

Category	Loc
Corporates	E #200
Academicians	₹ 2000
Research Scholars	\$ 1990
P G Students	£ 1000
Participants	₹ 500

### PAYMENT DETAILS

Once the abstract selection is notified the registration fee should be sent by DD/Cash/NEFT. DD should be drawn in favour of SIES (Nerul) College of Arts, Science and Commerce, Navi Mumbai, Registration can online also

WWW.slesfeedback.com NEFT Payment Detail

Name of the Account Holder:-SIES (Nerui) College of Arts, Science & Commerce Name of the Bank:- Indian Bank

Name of the Bank Branch:- Nerul Account Number:-775368176

IFSC Code:-IDIB000N110 Type of Account - Savings

Organising Committee Teacher's Names

1. Ms. Meghau Bhatin

2. Ma. Rajeshri Shinkar

2. Mr. Trapel Wasi

4. Mr. Pudmaleels Damacaju

5. Dr. Surebbe Kohle

4. Mr. Natter Parel

7. Ms. Dipali Patif

8. Mr. Minel Sarade

9. Ms. Farema Kothari

10. Mr. Jimo Jeseph

SIES (NERUL) COLLEGE OF ART SCIENCE AND COMMERCE

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Departments of BSc IT & BSc C organize

THE

# NATIONAL CONFEREN

On

emerging trends in Computer Scienc Information Technology



publication in ugc approved internat multi disciplinary journal with Issa number and high impact factor

Venue:

SIES(Nerul) College of Arts, Science & Commerce,

Sri Chandrasekarendra Saraswathy Vidyap Plot 1C. Sector V. Nerul, Navi Mumbai 4007 Phone no: 27708371/61196402

College web site: www.siesascn.edu.in.





# Report on EMISHA-2019

Date: 9th March 2019 Venue: SIES Nerul

The Bachelor of Science in Computer Science and the Bachelor of Science in Information Technology departments of SIES(Nerul) College of Arts, Science & Commerce organised a national research conference on the topic "Emerging Trends In Computer Science & Information Technology" on 9th March, 2019. The conference was a one day event which was well organised and was attended by eminent academicians, young researchers, faculties and students from different institutions.

The conference started with an inaugural ceremony. Dr. Chandrahauns Chavan, Academician at Jamnalal Bajaj Institute of Management Studies, University of Mumbai was the chief guest of the ceremony. The Guest of Honor for the event was Dr. Leena Ragha, Professor and Head of Department of computer engineering at Ramrao Adik Institute of Technology. Convenor of the event was Dr. Swati Vitkar, Professor and Co-ordinator of Bsc. IT department SIES. The chief guest and the guest of honor inaugurated the conference by lighting the lamp in the presence of principal Dr. Milind Vaidya, Vice principal Dr. Koel Roy Chaudhary, convenor, faculties, students and participants. Followed by this, the guest of honor Dr. Leena Ragha addressed the students and encouraged the participation by budding researchers. The chief guest gave a presentation on "E-Governance and The Emerging Use of Digital Technology by Higher Education", where in he talked about, how the digitization has penetrated into the education sector and how it has helped to boost the quality of education. He gave his valuable guidance about what skills to be acquired by students to achieve success in the dynamic industry of IT & CS. Principal sir praised the efforts of organising team and also encouraged the participation by young people. The inaugural ceremony concluded with a vote of thanks by Alpana Pandey.

The inaugural ceremony was followed by technical session at 12 pm. In all together 50 papers were submitted and out of that 44 papers were published. Out of that 17 participants got the opportunity to present their research papers. Each research paper presentation was followed by Question & Answer round. Out of 17 participants, 10 presented their papers in Technical session Round 1 judged by Dr. Leena Ragha. The participants presented their research paper on trending technologies such as Augmented Reality, Haptic Technology, MineSeeker to name a few. Out of the total papers two research papers were presented through Skype from Bangalore. At the end of the session 1, Dr. Leena Ragha shared her reviews about the papers presented and pointed what was falling short in the research papers and gave tips to improve the same to the young researchers.

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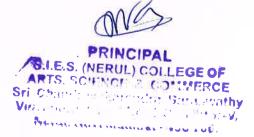
Technical Session Round 2 started at 2:30 pm on the same day. This session was judged by Yashwant Patil, Guest of Honor for Technical Session 2 and professor Anu Thomas. In this session 7 papers were presented. In this session, ultra modern technologies such as Block Chain concept, Big data analytics, Data mining, Eye tracking metrics and Gambling prediction analysis were presented. At the end Yashwant patil gave his expert review and guidance on the papers presented.

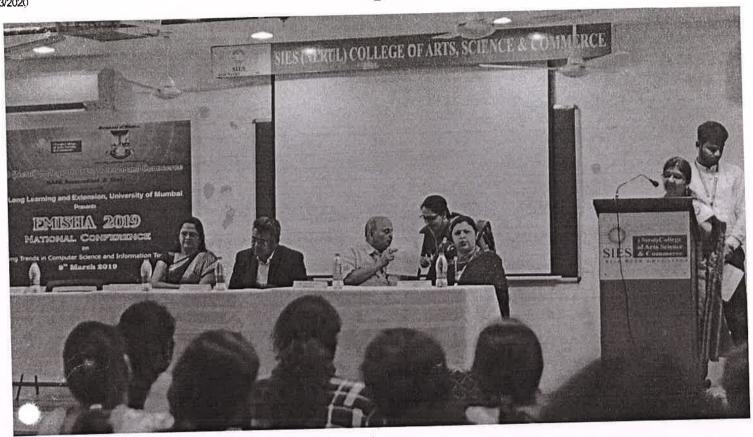
Followed by the technical sessions, Dr. Dilip Patil, Director of Department of Lifelong learning & Extension(DLLE) in University of Mumbai made his appearance. He spoke a few words addressing the participants and appreciating their efforts. He also explained about his Department and asked the students to avail the facilities provided by DLLE. It was followed by the feedbacks given by Rashmi, Dhanraj and Varsha who were attendee and participants respectively. The feedback was positive with constructive suggestions.

After the feedback session, Certificates were distributed to all the participants. The conference concluded peacefully at 5 in the evening with the vote of thanks given by Anu Thomas and a photograph session.

On the whole the conference was well organised and the dedication and hard work done for the day's preparation by the organising team was well exhibited.







https://drive.google.com/drive/folders/1YnVspqr0JJUoEYIZMVFFrEADH.ptlSoctor - V. Navi Muntra MOTO

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About Dr. Dilip S. Patil

About Dr. Dilip S. Patil (M. A.; M. B. A.; L.L. B.; Ph. D.) Dr. Dilip S. Patil is currently working as Director of the Department of Lifelong Learning and Extension, University of Mumbai since 2006. He has teaching experience of Twenty Seven years in the field of Rural Development. Earlier, He worked as Principal of St. Joseph College, Satpala, Virar, Dist: Palghar for nearly three years. He is Ph. D. Research guide in the University of Mumbai, Bharathiar University, Coimbatore and Catholic University Eastern Africa, Nairobi, Kenya. He is also a Member of NAAC Peer Team, UGC. In the University System, Dr. Dilip S. Patil is a Member of Senate, Member of Academic Council, Purchase Committee and Compendium Committee University of Mumbai. He is a member of Advisory Committee of Garware Institute of Management, University of Mumbai and Academic Council of St. Francis Institute of Management, Mumbai. He is an Editor and Course Writer for Rural Development at Institute of Distance Education and he is a Member



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of Research and Recognition Committee (RRC) in University of Mumbai Dr. Patil was honored by Rotary International Foundation, USA as Ambassador of Goodwill to work as a Visiting Professor in the subject of Social Sciences at Catholic University of Eastern Africa, Kenya in 2004. In addition, he worked as Invigilator for Distance Education in Windsor University, Canada. He has also worked as Governor's Nominee in the Selection Committee of Teachers in Universities and Colleges in Maharashtra. He is a Member of Examiners Committee for MPSC Examination, Government of Maharashtra. He has been working as Observer for UGC –SET and BARC- Mumbai University, NEST Examinations. Dr. Patil has been working as External Referee for Ph.D. and M. Phil. Degree in Rural Development, Economics and Sociology in many Universities in India. He is a Guiding teacher for M. Phil. Students in the University of Madras, Madurai Kamraj University and Periyar University. He is a Member of Steering Committee of North Eastern Hill University, Shillong. He is also a Member of Board of Studies in Adult Education of Vikram University, Ujjain, Shivaji University, Kolhapur and SNDT University, Mumbai. He is a member of RRC in Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. He was the Director of Nodal Agency, Departments of Adult Education in Maharashtra. In the capacity of Director, he has been handling extension education programs of University of Mumbai in Mumbai, Thane, Palghar, Raigad, Ratnagiri and Sindhudurg districts of Maharashtra, the jurisdiction of University of Mumbai spreading the awareness about social issues, problems in the society in which more than 25,000 students of nearly 265 undergraduate and post graduate colleges are enrolled. He has published and presented research papers at International level including countries like Kenya, South Africa, New Zealand, Hong Kong, Thailand, Israel, Malaysia & England. COLLEGE OF ARTS

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Nerul

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# Breif biodata Dr, Leena Ragha

Dr, Leena Ragha, head of Department of Computer Engineering, started her carrier as lecturer at RAIT in 1992. Now its been 28 years that she is part of this institute and has contributed immensely to the growth of the system. She did her Post graduation in Computer Science and Engineering under BITS Pilani in 1995 and Ph.D in Engineering and Technology from SNDT university in 2012. Since 2012, she is heading the department and is steering the system towards fast growth. She is also Dean and holds the responsibility of academics and Planning and Board of Studies member of University of Mumbai. Her research domain includes pattern recognition, natural language processing and data science. She has more than 65 Research Papers in International Journals and Conferences. Guided more than 25 PG Students and is Guiding 4 Ph.D students. She has reviewed the research papers and chaired the sessions of many international conferences.

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# Chief Patrons

- : V. Shankar, President, SIES
- : Vikas Hajirnis, (President, Enviro-Vigil)
- : Madan Mohan Chaturvedi, President, ATBS

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- : P. Sethuraman ( Vice President, SIES )
- : M. V. Rammarayan (Jr. Hon. Secretary, SIES)
- : Devdas G. Nair (Hon. Treasurer, SIES)
- B.B. Nath, Vice President, ATBS
- Anindya Sinha, Vice President, ATBS
- Purushottam Kale, General Secretary, AT BS
- Prasad Karnik, Vice President, PDM

# -: Advisory Committee :-

of. V. A. Walavalkar, President, PDM.

Koel Roy Choudhury, Vice Principal, SIES (Nevul)
llege of Arts, Sciences & Commerce
Seema Mishra ( Director, SIES-IIEM)

N. S. Tekale, (Member, PDM)

- R. P. Athlye, Retd. Vice Principal, B.N. Bandodkar llege
- Pramod Salaskar, Secretary, NASS
- Devayani Savant Deputy Director SIES-IIEM

# Organizing Committee

airman, Dr. Milind Vaidya, Principal, SIES ASCN nvener, Dr. Sanjay Joshi, Vice President, PDM -convener, Seema Joshi, General secretary, PDM nt Secretary, Dr. Jyati Koliyar, Coordinator, Dept. Environmental science, SIES ASCN ganizing Secretary, Ms. Kamini Thakur, Dept. of vironmental science, SIES ASCN of Rupali Zele, Dept. of Commerce, SIES ASCN

Programme Coordinators

Sector Jamima Shirgaonkar, Project Incharge PDM Nel Ya Patil, JRF, SIES ASCN ARTS

ARTS, SCIENCE & C Srl Chengravekarend Wdyapuram, Plot 1 C Nerul, a avi Mumba

# Programme Schedule

Time	Programme
09:00 – 10:00 A.M.	Registration & Tea Breealfast
10: 00 – 11:00 A.M.	Inauguration & Welcome Address
11:00 – 11: 45 A. M.	Documentary & Paryavaran Dakshata Mandal Vision -VAW
₹ 11.45 – 12:15 P.M.	Keynote Address
12: 30 – 01.15 P.M.	Lunch
01:15 - 03:15 P.M.	PPT(oral) presentation / Poster presentations (Parallel Sessions - Group A&B)
9 03:15 - 03:30 P.M.	Tea break
903:30 - 04:30 P.M.	Valedictory
Onward 5.00 P.M.	ATBS AGM (only for ATBS members)

## For more details:

Contact - Pournima Shirgaonkar Tel. No.: 022-25380648/9869033583 Dr. Jyoti G. Koliyar - 022-27708371/9867640515

Conference Venue: SIES ASCN-AV Room
SIES (Nerul) College of Arts, Science and Commerce,
Nerul, Navi Mumbai.

Date: 2nd February 2019 Time: 09.00 A.M to 5.00 P.M.

## How to reach the Venue?:

From LP (or D.Y.Patil) Bus stop the college is about 500m from LP Bus Stop (Sion-panvel Highway)

From Nerul Station- The college is about 1.5 KM from Nerul Station.



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# 13<sup>th</sup> Annual National Conference on

# "Wetlands and Climate Change"

Organized by
Paryavaran Dakshata Mandal
In Collaboration with

Association of Teachers in Biological Scien SIES (Nerul) College of Arts, Science and Commerce, Nerul,

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Enviro-Vigil, Thane As a part of Paryava

Dakshata Mandal's

"CLEAN CREEK MOVEMENT"

On February 2019

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### About Paryavaran Dakshata Mandal :

Paryavaran Dakshata Mandal Is an Environmental NGO working in the field of Environmental Awareness, Education and Research since 19 years in Thane and nearby area. This organization was formed to educate and create environmental awareness amongst the masses. We house various projects like Ankur Theme Park, Green Career Courses, Green Shopee, Monthly magazine Apala Paryavaran Paryavaran Shala is one of the projects where we work with schools to educate children about the importance of a healthy environment, draw their attention towards various environmental concerns to come up with their solutions.

# About Association of Teaching in Biological Sciences (ATBS):

The Association of Teachers in Biological Sciences was founded in 2006 and its main objective is upgradation of learning and teaching in Biological Sciences. It organizes and supports the seminars, conferences, workshops, conventions, competitions etc.

#### SES (Nerul) College of Arts, Science & Commerce, Nerul:

The south Indian Education Society (SIES) is one of the oldest educational societies in Mumbal and was pioneered in 1932. There are at present 17 institutions functioning under the SIES banner. The society strive towards excellence in all its pursuit and believes in strict disciplines. The SIES (Nerul) College of Arts, Sciences and Commerce was established in September 1998, as a commerce college and is affiliated to the University of Mumbal. It is one of the reputed educational institutes in Navi Mumbal and Mumbal educating the students of Arts, Sciences and Commerces. The colleges has been re-accredited with grade "A" by "NAAC" and is also ISO 9001-2015 certified. The college focuses on high standard of Academic, professional and societal conferences.

#### Thoma

This year's theme of the World Wetland Day Celebration being "Wetlands and Climate Change", the same theme has been taken up for this conference.

The area selected for the conference are: 1.Climate change & Threats to sustainability of wetlands 2.Climate change & Measures to conserve wetlands. 3.Impact of Climate change on Wetland biodiversity.

4. Climate change & Opportunities in wetlands. 5. Wetland science for Environmental Management

6. Wetland and Agriculture
7.GIS & remote sensing in wetland management Studies
8. Advanced Instrumentation Technique for wetland
monitoring and management.

monitoring and management.

The Conference has been aimed at spreading awareness towards the pressing issues of wetlands & climate change among researchers academicians, students and other stakeholders in the society. Paryavaran Dakshata Mandal, initiated a 'Clean Creek Movement' since 2005 with a special focus on Thane Creek and celebration of the World Wetlands Day has been an integral part of it. The conference will involve participation at two levels as follows.

#### Group A

This will include the researchers and Teachers from any faculty / stream who will contribute research/ review article and/ or participate in the delegations by paying the registration see The article will be published in proceedings bearing an ISBN number.

#### Group B

This will include the students of UG/PG of any of the universities, who will participate in PPT (oral)/ poster presentations and/or or participate in the delegations by paying the registration fee. A Synopsis of the presentation will be published in the proceedings.

The best Poster and PPT(Oral) presentation in both groups will be receiving awards. Approximately Extra Rs.650/· will be charged if paper presenter is willing to publish their papers in UGC approved journals.

#### Specifications for PPT (Oral) Presentation:

Font style: Times New Roman, Font Size Title and Sub-Title (12 Bold), Text Matter 12, Paper should include abstract (Max. 200 words), Introduction, Materials and Methods, Result and Discussion, (with Tables and Figure with suitable 11t le s o n s e p a rate pages), References (In APA or The Council of Science Editor format). Those papers that are submitted in time and are rectified as per the suggestions of the editorial board will be published in Proceedings. Presentation will be for 10 mln.

#### For Poster Size:

Mount board size (Max. 100cm x 70cm), Title, Authors with Affiliation (Institute & Address) and other matter preferably with conclusion.

#### Submission Dates:

Article/ Synopsis for Group A And B should be submitted electronically at the the addresses

narvavaran.wwd@smail.com / sies.nwcc2019@gmail.com on before 25<sup>th</sup> Jan. 2019

Registration fees	
For Participants	Rs 250
For Presenter : UG/PG Students & PDM/ATBS members	Rs. 250
For Presenter: A cademicians / Research Scholars	Rs 750
Corporate / Industrial Executives and NGO	Rs 1500

Fee includes : Registration kit, Food facility and Certificate

Cheque/DD to be drawn on the name of "SIES (Nenil) College of Arts, Science & Commerce" Indian Bank, Accountine 775368176 IFSC code - IDB1000N110 Best Poster & PPT (Oral) presentations will be

receiving awards
So get going and email entries to
paryavaran.wwd@gmail.com
sies.nwcc2019@gmail.com



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# SIES (NERUL) COLLEGE OF ARTS, SCIENCE AND COMMERCE

# **Department of Environmental Sciences**

# Report of 13th Annual National Conference on Wetland & Climate Change

13<sup>th</sup> Annual National Conference on Wetland & Climate Change was organised on 2<sup>nd</sup> February 2019 in association with Paryavaran Dakshata Mandal (NGO) and the Association of Teachers in Biological Sciences. The conference aimed at spreading awareness towards the pressing issues of wetlands & Climate Change among researchers, academicians, students and other stakeholders in the society.

The event began with lightning of lamp by the dignitaries. The dignitaries present for the inauguration ceremony were Prof. Rajendrakumar Saraf (Chairman, Viraj Envirozing India), Shri Laxmikant Deshpande (Administrator, Wetland Management and Sustainable Development, Godrej), Dr.Milind Vaidya (Prinicipal SIES College), Dr. Koel Roy Choudhury (Vice Principal, SIES college), Dr. Vidhyadhar Walavalakr (President, Paryavarn Dakshata Mandal), Dr. Sanjay Joshi (Vice President, Paryavarn Dakshata Mandal), Dr. Prasad Karnik (Vice President, Paryavarn Dakshata Mandal), Dr. Jyoti Koliyar (Co-ordinator, M Sc. EVS, SIES college). The inauguration ceremony vas followed by welcome speech which was delivered by Dr. Jyoti Koliyar. Dr. Jyoti Koliyar welcomed all the dignitaries present on the dias and explained about the importance of wetland and need of conserving wetland. She also highlighted about the conference schedule. Next Prof. Vidyadhar Walavalkar explained the social importance of the "Clean Creek Movement" and invited everyone to join the movement. Dr. Milind Vaidya then laid down the importance of the topic and gave his wishes to Paryavaran Dakshata Mandal.

Dr. Sanjay Joshi then elaborated about the schedule of the day. He then explained about the harms caused to the wetlands due to climate change and how it can be tackled. The event was Followed by publication of "Aapal Paryavaran" magazine February 2019 edition by the dignitaries present. Then Dr. Prasad Karnik presented his study on Thane Creek for last Eight years. Then the chief guest of the conference, Dr. Laxmikant Deshpande gave lecture on the 'Wetland and the need for their sustainable development and its ways'. The damage caused to the wetland in Mumbai and Thane due the urbanisation and its effect on its biodiversity were the points covered by him.

Keynote speaker Dr. Rajendrakumar Saraf then presented on the importance of wetlands in cleaning of sewage by natural methods. He explained the use of phytoremdeation for treatment of sewage and the success which was observed by the use of this technology.

Afternoon session was followed by the oral paper presentation in AV room and poster presentation in quadrangle simultaneously. There were 7 oral presentations and 17 posters presented by academicians and researchers from different institutions. The judges for this sessions were Dr. Devyani Sawant, Dr. Soumya Singh, Prof. Rupali Zele and Dr. Pratibha Sardesai.

For the valedictory session, Dr.Kale the president of Association of Teachers in Biological Sciences, and other dignitaries were present. Valedictory address was given by Dr. Sanjay Joshi. All the judges and winners of the competition were felicitated in the valedictory function. Vote of thanks was given by Ms. Kamini Thakur.

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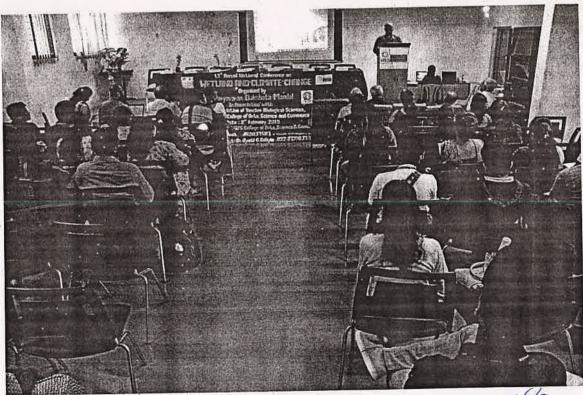
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The Conference was Successful.







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(Vidyapurum, Plet No. 1-C. Sactor-V.
Nerul, Hevi Midnacal - 100 706.



BIODATA OF PROF. RAJENDRAKUMAR V. SARAF, FIWWA, FIE.

### Personal

- Date of Birth 6<sup>th</sup> July 1950
- Present Assignment Chairman - Viraj Envirozing India Pvt. Ltd.
- Contact Details Address

Office 21 Radha Krishna Near State Bank of India Paud Road, Pune 411038 503, Vedant, Near Vedbhavan Left Bhusari Colony, Paud Road

Cell No +91 9822186763, +91 8888861775

### Qualifications

- B.Sc. (Physics, Chemistry, Mathematics), Nagpur University
- M.Sc. (Biochemistry) Nagpur University
- AMIE (Environmental Engineering)
- M.Sc. (Environmental Control Engineering & Resource Utilization) University of Strathclyde, Glasgow, U.K.
- FIE (Environmental Engineering)

#### • Memberships

- a. FIE Life Fellow (Environmental Engineering), Institution of Engineers, India
- b. FIWWA Life Fellow, Indian Water Works Association.
- c. MIAEM Life Member Indian Association of Environmental Management
- d. Life Member of Marathi Vidnyan Parishad
- e. Life member of Vijnan Bharati
- Life member of Indian Plumbing Association
- g. Life member of Indian Association of Water & Environment
- h. Founder President of Society of Environmental Activities.

#### • **Position Served**

 Vice-chairman of India Water Works Association, Pune Center
 Eight times served as Committee member of Pune Local Center of The Institution of Engineers (India).

Executive President of Marathi Vitinyar Parishad

> Convenor 32nd National Convention of Environmental Engineering Division of The Nerul Institution of Engineers India

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✓ Introduce Three Ties System in Residential Complex for Reuse of sewage and reduction of Fresh water consumption

✓ Converted the waste into Value added products.

Carried out Treat-ability Studies, Developed the Treatment Technology, & Designed Water & Waste Water Treatment Plant, Installed & Commissioned the Waste Treatment Plants for following Industries.
 Pulp & Paper Mills, Sugar, Tannery, Dairy, Chemicals, Textiles, Food Processing, Metal manufacturing & Processing, Engineering Units, Fertilizers

# Professional Achievements – Public Lectures

 Deliver more than 300 lectures on the related topics as the Chief Guest, Guest of honor and the theme address speaker on the relevant topics of Environment.

 Delivered more than 300 lectures on Water Management, 3 R Principal, Water Foot print etc. Some of the Prestigious lectures are

. Water Foot Print - Vasnat Vakhyan Mala Pune

II. Water Foot Print a new tool - Vasnat Vyakhyan Mala, Nashik

III. Key note address on Word Water Day – School of Earth Science SRTM University, Nanded

IV. Key Note Address in the International Conference held at MMNIT

# Specially developed projects.

- 1. Develop Design Parameters for Swimming Pool that is safe and having Crystal Clear water.
- 2. Application of wet land for Sewage Treatment
- 3. Low cost Natural Treatment named as Root Zone Cleaning System for Sewage, Dairy effluent, Waste Coolant, Laundry Waste & kitchen Waste Water etc.
- 4. Up flow Anaerobic Fixed Media Reactor for treatment of wastewater containing Phenols & Detergents.
- 5. Value added products from organic & inorganic sludge & solid waste e.g.
  - Briquette of Organic Solid Waste from Pulp & Pare Mills
  - Conversion of lime sludge from Paper Mills into Cement
  - Solid waste from fruit processing industry into the fodder
  - Segregation of Solid waste & recovery of valuable products from Municipal & industrial solid wastes
- 6. Low Cost Rotating Biological Contactor for Sewage
- 7. Compact Sewage Treatment Plant with deep tank aeration
- 8. Critical evaluation techniques for Rain Water Harvesting
- 9. Recycling of Waste water and reduction in fresh water consumption by 40 to 50% in Residential complex.
- 10. Iron Removal from water
- 11. Green buildings & Eco housing
- 12. Calculation of Carbon dioxide Foot print in Building industry
- 13. Model development for calculation of Water Foot print of the products and activities.

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- 14. Environment management Systems for Pilgrim places.
- 15. Developed energy & water efficient Model for Water Management in Residential complex that saves 30 to 40% energy 10-10-10 of fresh water.

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Vidyanukim Plot to 10 Sectors,
Neral, havi Kanthal 1430 766.

✓ Introduce Three Ties System in Residential Complex for Reuse of sewage and reduction of Fresh water consumption

✓ Converted the waste into Value added products

Carried out Treat-ability Studies, Developed the Treatment Technology, & Designed Water & Waste Water Treatment Plant, Installed & Commissioned the Waste Treatment Plants for following Industries.
 Pulp & Paper Mills, Sugar, Tannery, Dairy, Chemicals, Textiles, Food Processing, Metal manufacturing & Processing, Engineering Units, Fertilizers

## Professional Achievements – Public Lectures

- Deliver more than 300 lectures on the related topics as the Chief Guest, Guest of honor and the theme address speaker on the relevant topics of Environment.
- Delivered more than 300 lectures on Water Management, 3 R Principal, Water Foot print etc. Some of the Prestigious lectures are

I. Water Foot Print - Vasnat Vakhyan Mala Pune

II. Water Foot Print a new tool - Vasnat Vyakhyan Mala, Nashik

III. Key note address on Word Water Day – School of Earth Science SRTM University, Nanded

IV. Key Note Address in the International Conference held at MMNIT

## Specially developed projects.

- 1. Develop Design Parameters for Swimming Pool that is safe and having Crystal Clear water.
- Application of wet land for Sewage Treatment
- 3. Low cost Natural Treatment named as Root Zone Cleaning System for Sewage, Dairy effluent, Waste Coolant, Laundry Waste & kitchen Waste Water etc.
- 4. Up flow Anaerobic Fixed Media Reactor for treatment of wastewater containing Phenols & Detergents.
- 5. Value added products from organic & inorganic sludge & solid waste e.g.
  - Briquette of Organic Solid Waste from Pulp & Pare Mills
  - Conversion of lime sludge from Paper Mills into Cement
  - Solid waste from fruit processing industry into the fodder
  - Segregation of Solid waste & recovery of valuable products from Municipal & industrial solid wastes
- 6. Low Cost Rotating Biological Contactor for Sewage
- 7. Compact Sewage Treatment Plant with deep tank aeration
- 8. Critical evaluation techniques for Rain Water Harvesting
- 9. Recycling of Waste water and reduction in fresh water consumption by 40 to 50% in Residential complex.
- 10. Iron Removal from water
- 11. Green buildings & Eco housing
- 12. Calculation of Carbon dioxide Foot print in Building industry
- 13. Model development for calculation of Water Foot print of the products and activities.

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14. Environment management Systems for Pilgrim places.

15. Developed energy & water efficient Model for Water Management in Residential complex that saves 30 to 40% energy 40 to 50% of fresh water.

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## Training Program

Conducted many training program for Students, Engineers and professional on following subjects

- Water, waste & Environment Audit
- Energy costing
- Total water quality management
- 3 R principal
- Water conservation.
- Critical review of Rain water harvesting
- Science & Engineering of Listening
- Eco-housing & Green Buildings
- Capacity Building in Water Supply & Sanitation

### ❖ Books

- Pani Apli Jeevan dhara
- Contributed Chapter in Environmental Science
- Vision on Pollution

#### ❖ Patent

- Deep Tank Aeration system for Sewage Treatment Plant (Received)
- Zero Energy Natural Treatment Process (Pending)

### Citation

- Kavya Mitra Sanstha, Pune Rashtriy Jeevan Gaurav Pursakar Paryavaran
- Marathi Vidnyan Parishad Pune for propagating Science in Marathi

# Workshops, Seminar & Conference Organized

More than 100

#### ❖ Social Cause

- Member of Expert Committee For Smart City Cell of Pune Municipal Corporation
- Member of Syllabus Committee for Savitribai Phule University, Pune & others



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# **Registration Form**

International Conference On

Recent Trends in Environment, Technology and Economy 10th and 11th February, 2017 SIES(Nerul) College of Arts, Science and Commerce Sector-V, Nerul, Navi Mumbai-400706. Phone no. 022-27708371/61196402

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n f-vour of) ank (branch) Submission of Abstracts and Papers

quested to submit the abstract of their papers Authors are not exceedi 250 words in duplicate along with soft copy in Windows 2007 to SWAYAZAS 2017. Full papers should be submitted in electronic version in Windows format only on SWAYAZAS.2017@sies.edu.in. Selected papers will be published in Research Journal with ISSN number.

Submission of Abstracts: 15<sup>th</sup> December, 2016 Intimation of Acceptance: 23rd December, 2016 Submission of Full Paper: 4<sup>th</sup> January,2017 Registration Deadline: 15<sup>th</sup> January,2017

# Registration

Participants are requested to register well in advance using the registration form (or Xerox copy).

# **Registration Fee**

Industries & Consultancies: ₹ 4000/-

Academic, Research & Govt. Institutions: ₹2000/-

International Delegates: 120 USD

Ph. D. Scholars: ₹ 1000/-P. G. Students: ₹ 750/-

# **Payments**

All payments may be made by draft or cheque drawn in favour of 'SIES(Nerul) College of Arts, Science & Commerce', payable at Nerul, Navi Mumbai

# **Sponsorship**

Industries, government and semi-government, private institutions, equipment manufacturers and suppliers are welcome to sponsor / co-sponsor this Conference. For details, please contact Convenor.

# Compendium

Compendium with ISBN number will be published to commemorate the occasion and made available to all the delegates. You are requested to support the conference through advertisements. The advertisement rates are:



# International Conference On Recent Trends in Environment, Technology and Economy



Date & Venue 10<sup>th</sup> - 11<sup>th</sup> February 2017 SIES(Nerul) College of Arts, **Science and Commerce** Nerul, Navi Mumbai Organized By

For all correspondence please contact Convenor Chandrasekarendra Saraswathy Vidyapurani rasekarendra Saraswathy
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Namel R. Plot Neral, Navi Mumbai 400 706 Neral, Navi Mumbai - 400 706.





## and Commerce

IES is a well recognized 84 year old institution having s presence in Mumbai and surrounding areas. IESASCN (NAAC re-accredited A Grade) is a leading ollege in Navi Mumbai, established in the year 1998. It tarted with the single course B. Com. and since then has rown by leaps and bounds. At present 8 undergraduate ourses and 4 postgraduate courses are being offered in ddition to Junior College. The college prides itself in the act that it is recognized as the best college of Javi Mumbai.

Ve at SIES believe in providing an innovating ducational environment, opportunities and experiences hat would enable the student fraternity and thus the ountry to grow, thrive and prosper. SIES not only aims t creating good corporate leaders but also responsive nd responsible citizens.

## **About the Conference**

wayazas in Sanskrit signifies Sustainable. Global ustainability has become one of the most pressing issues f the 21st century, where technological, nvironmental, and economic forces must converge for a ustainable future. Technology has a huge role to play vhere while on one hand we look conomic growth and on the other we look for nvironmental conservation.

he conference aims at offering an opportunity for the cademicians, researchers. ngineers, scholars, industry professionals, young in thire and MCC Mulund nvironmentalists and students to share a composi Dr. Devayare avant – SIES HEM latform for new ideas, experiences and knowledge in Sector for new ideas. and strategies of Sustainable Divergial Tayade – Birla College's SCIENCE & COMMERCE International laws in cyber attacks re concept conomic & Technological Development, and present Mr. Avick of Regional Disection appropriate No. 1-C. Sector-Computational Laws
esearch work and innovations in the advanced of Salary Shi - K J Somalya Computational Laws

Globalization and Computation

Mr. V.Shankar, Hon. President, SIES

Dr. Sanja Jeshmukh, Hon. Vice Chancellor,

University of Mumbai

Mr. S. V. Viswanathan, Joint Hon. Secretary, SIES

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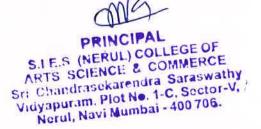
# Themes and Topics of Conference

- · Ecological and Economic importance of Mangroves
- Economic Instruments for Environmental Sustainability
- Impact of Environmental Regulations on India's Industrial growth
- Sustainable Agriculture and Food Security in India
- · Green Economy in the context of Sustainable Development and Poverty Eradication
- · Green Business & Clean Technologies
- Sustainable Tourism & Economy
- · Environmental Assessment and Pollution Control
- · Role of CSR & Corporate Governance in **Environmental Management**
- · Role of NGOs & Government in environment protection
- · Ecology & Biodiversity Conservation
- · Renewable energy: Global & Environmental perspectives

· Globalization and Computers

### Avick Sil

I have vast experience in the filed of Environment and sustainability. He has worked in National Environmental Engineering Research Institute (NEERI) for 3 years. Afterward, he started with organization called, Environment Policy and Research India (EPRI). Right now being the Regional Director of EPRI, he is leading a team of about 18 people and carrying out work related to Environmental Clearance, High Rise Clearance, Traffic Impact Assessment, Shadow analysis, wind analysis, STP design, solid waste management strategies, disaster management strategies and many more. Also he have carried out many policy analysis and making guideline for MMRDA, MPCB, MoEF level. In terms of publication, he has about 11 publication in international peer review journal with high impact factor along with 4 chapters in books published by reputed international publication house. His focus is to create opportunity towards scientific research and development leading to more impactful urban design feature for India.







### Brief Profile of Dr. Seema Mishra

Presently, Dr. Seema Mishra is the Director of SIES Indian Institute of Environment Management, Nerul, Navi Mumbai. She has successfully completed many research and outreach projects with funding from different government and non-government funding agencies. Her research interest is in the areas of Sustainable Waste Utilization, Biodiversity Conservation, Phytoremediation and Sustainable Agriculture. In academics she teaches Sustainable Environment Management, CSR and Natural Resource Management at post graduate level. She has been actively involved in the dissemination of technologies at both rural and urban interface in U. P., M. P., Haryana and Maharashtra states of India.

She has received Konark Memorial Award for excellence in research in biosciences in 2013. She has authored and edited books and published number of research papers in International and National journals. She is Expert Member for Environmental Sciences in several organizations. She is Editor of International Journal of Environmental Sciences (ISSN 2249- 2127) published by IBH, Mumbai.

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#### **Brief Profile**

Dr. Devayani Savant has been working with SIES as a faculty from 2007. Presently she is Deputy Director at SIES Indian Institute of Environment Management. Earlier she did her Ph. D. in Microbiology from Agharkar Research Institute, Pune. During her Ph.D. she worked on methanogens and biogas production. At SIES IIEM she has worked on three major projects funded by the Department of Science and Technology.

She has published 8 research papers in peer reviewd journals, two book chapters and submitted 6 DNA sequences in GenBank and presented more than 25 research papers in national and international conferences.

She is a recipient of Fast Track Young Scientist Award of the Department of Science and Technology and has qualified NET and GATE examinations.

She has guided many undergraduate and post graduate students for their dissertations.

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### Brief Professional Profile of Krishna Prasad Pant

Dr. Krishna Prasad Pant is working as a National Technical Coordinator of a project on climate change adaptation in agriculture in Food and Agriculture Organization of the United Nations, Country Office, Nepal. He is also teaching Environmental and Resource Economics in Kathmandu University, and Cost Benefit Analysis and Project Appraisal in Tribhuvan University, Kathmandu, Nepal. Earlier he worked as an Agricultural Policy and Trade Expert for FAO in Nepal and Myanmar. Before that he served Government of Nepal as an Economist, Senior Economist and Joint Secretary for 20 years. He also worked as an Environmental Economist for International Center for Integrated Mountain Development (ICIMOD).

Mr. Pant did PhD in Agricultural Economics from Govinda Ballabh Pant University of Agriculture and Technology, India in 1998. He did his Masters and Bachelors from Himachal Pradesh Agriculture University, Palampur, India.

Mr. Pant did research on indoor air pollution, crop residue burning, corruption, foreign direct investment and impact of foreign employment with South Asian Network for Development and Environmental Economics (SANDEE) and South Asian Network of Economic Research Institutes (SANEI). He is a SANDEE Fellow. He has published over 50 papers and advised several masters and PhD students in economics. He also did project evaluations for international agencies like Swiss Development Corporation and Helvetas. His areas of research at present is economics of climate change adaptation in agriculture. He is exploring interactions between environmental changes, economic development and livelihood of poor.

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## Brief Profile of Dr Ram Booih

Dr Ram Boojh is a Senior Programme Officer in the Natural Science Unit at the UNESCO Cluster Office for South Asia in New Delhi. He leads the Environment programme overseeing planning, implementation and management of ecological and earth sciences activities, CliCK (Climate Change Knowledge) Partnership, MAB (Man & the Biosphere) programme, World Heritage (Natural) and UN of Education for Sustainable Development programmes. He coordinates Intergovernmental SACAM (South and Central Asian MAB) Network as its Secretary and has initiated many collaborations in countries of South Asia and Afghanistan, Iran and Central Asian Republics. He has been associated with many national and international environment initiatives and has travelled widely representing UNESCO in many international forums. He has been visiting professor/scientist/fellow at several prestigious universities/institutions in India and abroad including Universities of Manchester and Bradford, Massachusetts Institute of Technology (MIT), University of Michigan, and Environmental Law Institute Washington DC. He joined with Mr Al Gore, Noble Laureate and former US Vice President to train around 550 Climate Leaders from around 60 countries under the Climate Reality Project during February 2015 in New Delhi. He has coordinated Climate Change Education programme in the Indian Ocean island nation Maldives and lead a joint UN Climate change initiative 'Educating for a Climate Resilient, Low Carbon Society in the SIDS Context'. He is the co-founder of the World Ocean Network and executive Board member of the Conservation for the Oceans Foundation and has chaired the World Ocean Passport project of the World Ocean Network.

He has successfully coordinated a large number of programmes during his 30 years career of working with the academic institutions, voluntary sector, Government and international organizations. He has a distinguished academic career with Doctorate in Ecology and recipient of many awards and honours including the Indian National Science Academy Medal for Young Scientists presented by Mrs Indira Gandhi, then Prime Minister of India in January 1984. He has Published over 100 research/technical papers / popular articles and 15 books.

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# Prof. Ram P. Chaudhary

Prof. Ram P. Chaudhary is an Emeritus Professor of Research Centre for Applied Centre and Technology (ReCAST), Tribhuvan University (TU), Nepal after retiring from Executive Director. Over the last three and half decades, Prof. Chaudhary served in the post-graduate teaching and research at the university. Prof. Chaudhary completed M.Sc. in Botany from Nepal in 1978, and obtained Ph.D. degree from Academy of Sciences of the USSR, Russia (then USSR) in 1988. Prof. Chaudhary joined Tribhuvan University in 1978, and has been serving as an expert in preparation of environment related strategy, action plan, policy and legislation. He has conducted research projects from international and national grants, a few examples include from USAID-USA, USAID-Nepal, WWF-USA, National Geographic Society, NUFU-Norway, NOMA-Norway. An expert of plant systematics and biodiversity, Prof. Chaudhary has participated in conferences and workshops in Nepal & abroad, and has visited various institutions in Sweden, UK, Norway, Italy, Germany, and USA. Prof. Chaudhary has been involved as Ph.D. supervisor, faculty teacher, and course coordinator in TU and abroad. He has authored & co-authored four books, edited & co-edited five books, published over 150 research, review and semi-technical scientific and popular articles. Prof. Chaudhary served as member of National Planning Commission of Nepal and Chairperson of Board of Governors, ICIMOD in the past. Currently, Prof. Chaudhary has been leading two transboundary landscape conservation and development programs and serving as core members of academic programs and policies in Nepal.



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Profile: Dr. Amiya Kumar TRIPATHY

Dr. Amiya Kumar Tripathy is the Dean of Research & Development at Don Bosco Institute of Technology, Mumbai.

☑ He is an adjunct Associate Professor to School of Science, Edith Cowan University,
Australia.

① Dr. Tripathy is a chief technology officer (CTO) in the software firm "The Centurion".

Dr. Tripathy earned Ph.D. from IIT Bombay in the area of Data Mining and Sensor Networks.

② He has 18 years in software industry, research and academics having more than 80 International Publications to repute and having three Patents.

☐ His research interest includes Machine Learning, Data Analytics, Sensor Networks, ICT for Agriculture & Rural Development, etc.

He has been Principal Investigator to Indo-Australia Bilateral Collaborative Strategic Research Projects.

He is a Research Adviser to Sensing Systems for Hydroponics Farming at Rajamangala University of Technology, Bangkok, Thailand.

☑ Dr. Tripathy is member of skill development, Rashtriya Uchchatar Shiksha Abhiyan (RUSA), Department of Higher Education, Government of Maharashtra.

☑ He is an advisor to Don Bosco India Skill Mission promoting research, training and skill development.

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#### **RESUME**

### DR. SHUBHALAXMI VAYLURE

### PERSONAL DETAILS

Name: V.Shubhalaxmi

Address: 2, Mandar CHS. Plot A/23, Sector-12, Kharghar, Navi Mumbai- 410210.

Contact: Mobile: 9820165525, email: vshubhalaxmi@gmail.com

Age: 47 Years Gender: Female Status: Single

## SUMMARY OF SKILL SET

• Six years experience in NGO Management and Corporate Social Responsibility.

• 20 years experience in designing and implementing of environmental conservation education modules for formal and non-formal target audiences pan India.

• 24 years experience in entomological researches with specialization in Moths.

• Specializes in Establishment and management of Nature Interpretation Centres and Butterfly Parks, Environment Education, Biodiversity Assessment Surveys, Capacity Development, Online Course curriculum development, Proposal writing, Project Management, Fundraising, Volunteer Management, Leadership Development, Strategic Planning, Team Management, Marketing Management and Social Entrepreneurship

## **EDUCATION**

- Certificate in Education Administration from Institute of International Education as part of Hubert Humphrey Fellowship in 2010
- Courses on Nonprofit Management and Online Education from Boston University in 2010
- Doctoral degree in Zoology from University of Mumbai in 2004
- Masters degree in Zoology (by research) from University of Mumbai in 1998
- Bachelors degree in Zoology from University of Mumbai in 1990

### **WORK EXPERIENCE**

October 2016- Present: Promoter, Birdwing Publishers: Started a publishing vertical to develop educational environment related guides and books.

May 2016- Present: Founder and Managing Trustee, iNaturewatch Foundation: Started a NGO that works in the sphere of nature education and online education

July 2014- Present: Founder and Director, Ladybird Environmental Consulting: Started an environmental social enterprise to provide CSR solutions to corporate and empower environmental NGOs through management training.

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1993-2014: Had worked with BNHS for past 21 years on various positions

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- Deputy Director (July 2012- June 2014), Bombay Natural History Society: Overseeing the operations of Conservation Education Centres in Mumbai, New Delhi and Organization development. Managing a team of 22 members
- General Manager (2010-2012), Bombay Natural History Society, Conservation Education Centre, Mumbai, Maharashtra, India.: Establishment of CEC's, Management of each Centre's educational and administrative activities and making it financially viable by developing new programmes, courses and projects.
- Centre Manager (2006-2010), Bombay Natural History Society, Conservation Education
   Centre, Mumbai, Maharashtra, India.: Management of the Centre's educational and administrative activities and making it financially viable by developing new programmes,
- Education Officer (1997-2006), Bombay Natural History Society, Conservation Education
  Centre, Mumbai, Maharashtra, India.: Designed and implemented conservation education for formal and non-formal target audiences.
- Administrative Assistant (1993-1997), Bombay Natural History Society, Conservation Education Project, Mumbai, Maharashtra, India: Managed project accounts and assisted in office administration.

### **Fellowships**

courses and projects.

- Secured Fulbright Fellowship for Hubert Humphrey Fellowship Programme (2009-2010): Affiliated to Boston University, Massachusetts (18 August 2009 –13 June 2010)
- Secured Fulbright Fellowship for Indo-American Environmental Leadership Programme (2002-2003): Affiliated to University of Montana, Missoula (8 August-10 October 2003).

#### Awards

- Won the Global Design Competition of MMRDA for Makeover of Maharashtra Nature Park as part of the winning team. (January 2017)
- 50 Most Impactful Green Leaders Award by World CSR Day on 18 February 2016.
- Women Entrepreneurship Programme by TechnoServe (2015-16)
- U.S. State Department's Alumni Engagement Innovation Fund 2014 (AEIF) Project on "Mobile Apps 4 Climate Change" wherein three mobile apps on butterflies, birds and trees will be developed and a citizen science programme using the apps will be launched in 10 schools in each metros; Mumbai, Kolkatta, Hyderabad and New Delhi.
- U.S. State International Exchange Alumni of the Month (March 2013)
- U.S. State Department's Alumni Engagement Innovation Fund 2012 (AEIF) Project on "Capacity Development of Indian Mid-Level Professionals from Environmental

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NGOs into Master Trainers through Management Workshops which trained 153 professionals from 92 NGOs across India.

### **International Work Experience**

- Worked as Intern at Nature's Classroom Sargent Center, New Hampshire, United States
- (April-May 2010). Develop Entomologist programme module for the schools.
- Worked as Intern at Harvard Forest, Massachusettes, United States (June 2010).

### **CSR EXPERIENCE**

- Developed 9 butterfly sites (4 butterfly habitats, 5 butterfly gardens) under tree plantation initiative for corporates
- Conducted Employee Engagement Programmes in Mumbai, Delhi and Chennai
- Conducted three Workshops on CSR, Fundraising and Strategic Planning for 35 NGOs.

### **CONSULTANCY EXPERIENCE**

- June -November 2016: Development of Signage content for Garden of Fragrance at Sanjay Gandhi National Park
- May 2015: Content development for Exhibition at Nature Interpretation Centre of Sanjay Gandhi National Park for Conservation Action Trust
- May- July 2015: Management of Nature Interpretation Centre at Sanjay Gandhi National Park for Forest Department.
- January 2015: Water Summit Facilitation for BASF

# **PROJECTS**: Developed and worked 43 projects in a span of 10 years **Ongoing Projects**

- 1. Mangroves Awareness Programmes for Schools (2016-2017)
- 2. Development of three Butterfly Parks for HPCL Refinery, Mumbai, and Lucknow & Kanpur Zoos (2016-2017)
- 3. Development of Field Guide to Mangroves of Greater Mumbai for United Way Mumbai (December 2016-February 2017:
- 4. Development of Field Guide to Wildflowers of Sanjay Gandhi National Park for Maharashtra Forest Department (October 2016- March 2017)
- 5. Development and M & E of Butterfly Garden for Videojet Technologies Pvt. Ltd at Sacred Heart School, Vashi (November 2016- October 2017)
- 6. Development and M & E of Butterfly Garden at Urban Haat for Mahindra Susten (July 2016-June'2017)
- 7. Development and M & E of Butterfly Habitat at Sliding Stone Tree Park, Bangalore for Wells Fargo (March 2016-March 2018)

ector - V

Nerul

8. Development and M & E of Butterfly Garden at Urban Haat, Navi Mumbai for Videojet (2015-2018)

9. Development and M & E of of three Butterfly Habitats in Maharashtra for Tata Motors Ltd (2015-2018)

### **Complete Projects**

# Conceptualized and Managed

- 1. Development of Butterfly Garden for NASEOH (December 2016)
- 2. Development of Butterfly Garden for Tata Housing Development Corporation at Thane (November 2016)
- 3. Development of eForestrails-SGNP mobile app for Cellphone Nature Tours in Sanjay Gandhi National Park (SGNP), MMR-Environmental Improvement Society (2015-16)
- 4. Mobile Apps 4 Climate Change for U.S. State Department's Alumni Engagement Innovation Fund (AEIF) (2014-15)
- 5. Conservation Education Project for Underprivileged Children in Mumbai (2014)
- 6. Conservation Education Project for Underprivileged Children in New Delhi (2014)
- 7. Be a Tree Ambassador Programme (2013)
- 8. Conservation Education Centre in Asola Bhatti Wildlife Sanctuary, Department of Forest and Environment of Delhi NCT (2013-2014)
- 9. Capacity Development of Indian Mid-Level Professionals from Environmental NGOs into Master Trainers through Management Workshop (2012-13)
- 10. Environmental Awareness Programmes at Serenity Library (2012)
- 11. World Environment Day Exhibition (2012) by U.S. Consulate General, Mumbai.
- 12. Hornbill Nature Club for Goldcrest High (2011-2012)
- 13. Nature Interpretation Centre at Matheran (2011-2012) by MMR- Environment Improvement Society
- 14. World Environment Day Exhibition (2011), supported by Ministry of Environment and Forests
- 15. Green Lifestyles Workshop for Housing Societies (2011) by State ENVIS Department
- 16. Hornbill Nature Clubs for Welspun Vidya Mandir at Salav (2010-2011)
- 17. Natural History Books Donation for Schools-Funded by Smt. Mrudula Thakkar (2011)
- 18. Natural History Books Donation for Schools-Funded by Smt. Mrudula Thakkar (2010)
- 19. Rapid Biodiversity Assessment Survey at Salav for Welspun Maxsteel (2010-2011)
- 20. Hornbill Nature Club for Municipal Schools by Mrudula Thakkar (2009)
- 21. Hornbill Nature Club for Municipal Schools by Mrudula Thakkar (2008)
- 22. Infrastructure Upgradation of BNHS Reserve Funded by MP Hema Malini (2009-2011)
- 23. Green Guide for Teachers Funded by MMR Environmental Improvement Society (2008-2011)
- 24. Volunteering Programme for HSBC employees funded by Earthwatch International (2008-2010)
- 25. Biodiversity survey and mapping of nature trails and camping site at Nature Park in Navi Mumbai sponsored by City Planning Authority (CIDCO). (2007-2008)
- 26. Infrastructure Up-gradation Project for Conservation Education (2007-2008) sponsored by MMR-Environmental Improvement Society

27. Nature Awareness Exhibits for Maharashtra Tourism Development Corporation resorts at Mahableshwar (2007)

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- 28. Nature Awareness Exhibits for Maharashtra Tourism Development Corporation resorts at Malshej Ghat.(2006)
- 29. Conservation Education for 2500 underprivileged children sponsored by U.S. Embassy.(2005-2006)
- 30. Vacation Training Programme on Bioresources: A month long residential training programme for teenagers sponsored by Dept. of Biotechnology, Government of India (2005-2006)
- 31. Volunteer Training Programme sponsored by Gambhirchand Ommechand Shah Charitable Trust for training and sustaining volunteers at CEC. (2004)
- 32. Biodiversity Survey of ICL Company premises (2000)\_

## Managed

- 33. Establishment of Hornbill Nature Clubs in Underprivileged schools in Mumbai (2006-2008) sponsored by U.S. Consulate General, Mumbai.
- 34. Nature Interpretation Centre of Indian Space Research Organization (ISRO) at Sriharikota.(2006)
- 35. Maharashtra Education Project for developing curriculum supportive 6000 teacher's manual on sustainable living in rural and urban areas sponsored by Dorabji Tata Trust and ICICI Bank. (2006)

**PUBLICATIONS:** 4 main papers, 9 short notes, 3 books, 5 field guides, 3 mobile apps and several articles.

### Scientific Papers

- 1. Shubhalaxmi, V., David Whittier, IsaacKehimkar, Swayamprabha Das, Ashutosh Riccharya, Anirban Gupta (2016), Mobile Apps for Recording Climate Change: A Case Study of Mobile Learning through Citizen Science in Four Urban Secondary Schools in India: Paper presented at MIT LINC 2016 Conference on Digital Education, Cambridge, United States
- Shubhalaxmi, V., Isaac Kehimkar (2012). Role of Entomology Outreach Education in Developing Insect Interest Groups in India, Arthropods and their Conservation in India (Insects & Spiders), ENVIS Bulletin: Wildlife & Protected Areas. Vol. 14, 2011. Pp 147-158. Printed in 2013; Wildlife Institute of India, Dehradun-248001, India.
- 3. Shubhalaxmi, V., Roger Kendrick, Alka Vaidya, Neelima Kalgi and Alaka Bhagwat (2011), Inventory Of Moth Fauna (Lepidoptera: Heterocera) Of The Northern Western Ghats, Maharashtra, India, *J. Bombay. Nat. Hist. Soc.*: Vol. 108 (3), pp-183-205.
- 4. Shubhalaxmi, V. and N. Chaturvedi (2004), New Larval foodplants for hawkmoths and wild silkmoths of Sanjay Gandhi National Park. *J. Bombay Nat. Hist. Soc.*; Vol.101 (1):114-126.
- 5. Shubhalaxmi, V. and N. Chaturvedi (1999), Abundance and distribution of moths of the families Saturniidae and Sphingidae in Sanjay Gandhi National Park., *J. Bombay. Nat. Hist. Soc.*: Vol. 96 (3), pp-379-386.



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### **Short Notes**

- 1. Shubhalaxmi, V. (2006), A New Record of Hawkmoth for India from Sanjay Gandhi National Park, *J. Bombay Nat. Hist. Soc.* Vol. 105 (2), pp 226.
- 2. Chaturvedi Naresh, V. Shubhalaxmi & Varad Giri (2003), Distribution of Golden Emperor Moth, *Loepa katinka* (Westwood) in Western Ghats, India (Lepidoptera: Saturniidae), Bionotes, Vol. 5 (1), Aligarh.
- 3. Chaturvedi Naresh and V.Shubhalaxmi (2001), American Jointvetch Aeshynomene Americana Linn- a new larval foodplant of Terias hecabe Linn. J. Bombay Nat. Hist. Soc.; Vol.98 (2): 300-301, Mumbai.
- 4. Chaturvedi Naresh and V.Shubhalaxmi (2001), A new host plant of weevil *Apoderus cyneous*. *The Indian Forester*, Vol. 127 (12): 1415, Dehradun.
- 5. Chaturvedi Naresh and V.Shubhalaxmi (1999), Mass feeding of Baronet butterfly *Symphoendra nais* foster on honey dewdrops. *J. Bombay Nat. Hist. Soc.*; Vol.96 (2): 342, Mumbai.

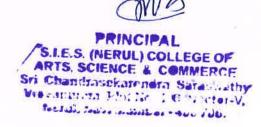
### Books and Field Guides

- 1. Shubhalaxmi, V. (2010), Green Guide for Teachers, pp 160, Published by BNHS, Mumbai
- 2. Shubhalaxmi, V. (2009), Insects of BNHS Reserve, paperback field guide, published by BNHS, Mumbai
- 3. Shubhalaxmi, V. (2009), Butterflies of BNHS Reserve, paperback field guide, published by BNHS, Mumbai
- 4. Shubhalaxmi, V. (2009), Moths of BNHS Reserve, paperback field guide, published by BNHS, Mumbai
- 5. Shubhalaxmi, V. (2009), Birds of BNHS Reserve, paperback field guide, published by BNHS, Mumbai
- 6. Shubhalaxmi, V. (2009), Trees of BNHS Reserve, paperback field guide, published by BNHS, Mumbai
- 7. Shubhalaxmi, V., Prashant Mahajan (2006), In Harmony with Nature- A teacher's guide on learning for sustainable living in Maharashtra, pp 160, published by BNHS, Mumbai
- 8. Shubhalaxmi, V. (2002), Green Teachers Kit, pp200, Published by BNHS, Mumbai

# Naturebased Mobile Apps

- 1. Vaylure, Shubhalaxmi, Isaac Kehimkar (Eds), Priti Choghale, Sameer Kehimkar, Alisha Kehimkar, (2016), e-Forestrails-SGNP (v.1.0) Mumbai Metropolitan Region Environmental Improvement Society, Ladybird Environmental Consulting, Mumbai.
- 2. Vaylure, Shubhalaxmi, Isaac Kehimkar (Eds), Sameer Kehimkar, Alisha Kehimkar, Amit Kehimkar (2014), Mobile Apps for Climate Change (v.1.0 iBirds)- U.S. State Department's Alumni Innovation Engagement Fund, Ladybird Environmental Consulting, Mumbai.
- 3. Vaylure, Shubhalaxmi, Isaac Kehimkar (Eds), Sameer Kehimkar, Alisha Kehimkar, Amit Kehimkar (2014), Mobile Apps for Climate Change (v.1.0 iButterflies)- U.S.





- State Department's Alumni Innovation Engagement Fund, Ladybird Environmental Consulting, Mumbai.
- 4. Vaylure, Shubhalaxmi, Isaac Kehimkar (Eds), Sameer Kehimkar, Alisha Kehimkar, Amit Kehimkar (2014), Mobile Apps for Climate Change (v.1.0 iTrees)- U.S. State Department's Alumni Innovation Engagement Fund, Ladybird Environmental Consulting, Mumbai.

### Articles

# Daily Newspapers

- Designed and have been contributing to BNHS column weekly page 'Naturewatch' in Indian Express from June'97 to September 2002.
- Wrote article on moths in Sunday Observer (16th October, 1999)
- Wrote popular articles for Bombay Times supplement of The Times of India on Insects and plants.
- Wildflowers on railway tracks for Midday (December 2006).
- Wrote for Call of the Wild column of JLT (Newspaper for youth) from January March 2003.

### Magazines

- Green Teacher Plus: A Biodiversity Teacher (Oct 2012)
- Hornbill: A Era of Nature Education (Oct-Dec, 2012), Designed children's page
   `Young Naturalist' from 1998-2002, Rendezvous with Moths- Hawkmoths (Oct-Dec, 2000),
   Caterpillars- Hungry Babies (Apr-Jun, 2006)
- Sanctuary Asia: Emperors of Silk (October 2002), Insect pollinators (October, 2005)
- Outlook: 3 articles for `52 Getaways from Mumbai',
- Naturalli: Insects of Mumbai for Naturalli (Jul-Sep'06).
- *Play Writing*: AVITOKO Hindi playwriting competition: Prizing winning play on *Jung Kitakon Ki* (The war of insects).

## EDUCATIONAL MATERIAL DEVELOPMENT

# Online Courses Content Development for iNaturewatch Foundation and BNHS

### iNaturewatch Foundation

- 1. Botany for Beginners (2017)
- 2. Birds for Beginners (2016)
- 3. Bugs for Beginners (2016)
- 4. Gardening for Wildlife (2015)\_

### **BNHS** Courses

- 5. Basic Course in Entomology (2010)
- 6. Leadership Course in Biodiversity Conservation (2010)
- 7. Basic Course in Ornithology (2013)
- 8. Basic Course in Herpetology (2013)

### **Training Manuals**

Management Tools for Environmental Nonprofits

• Green Lifestyles Workshop: A training resource on art of living in environment friendlyway.



- Nature Trail Manual for Volunteer Training Programme.
- Insect Project Curriculum for Education Department of Govt. of Maharashtra for primary schools in Maharashtra.
- Young Naturalist: A training manual on amateur field biology techniques
- Course manual for Vacation Training Programme for students on Bioresources

### **Technical Reports**

- Journey of BNHS Nature Reserve and Conservation Education Centre (2013)
- Nature Interpretation Centre in Matheran (2013)
- World Environment Day Celebration in Mumbai (2012)
- Hornbill Nature Club for Goldcrest High (2011)
- World Environment Day Celebrations in Mumbai (2011)
- Green Guide for Teachers (2010)
- Infrastructure Upgradation for Conservation Education (2009)
- Hornbill Nature Club for Welspun Vidya Mandir, Salay (2010)
- Hornbill Nature Club for Underprivileged Schools (2009)
- Nature Park of Navi Mumbai (2008)
- Vacation Training Programme on Bioresources (2006)

### **Technical Presentations**

- 1. Paper presented at MIT LINC 2016 Conference on Digital Education, Cambridge, United States Mobile Apps for Recording Climate Change: A Case Study of Mobile Learning through Citizen Science in Four Urban Secondary Schools in India
- Poster Presentation at Conference of Parties (COP 11) in October 2012, Hyderabad on (i) Impact of Online natural history hobby courses of BNHS.
   (ii) Volunteerism in Conservation Education- A community engagement initiative by BNHS.
- 3. PPT Presentation at Conference of Parties (COP 11) in October 2012, Hyderabad
- 4. Be a Scientist for a Day: A citizen science project for biodiversity surveys at BNHS Nature Reserve (BNR).
- 5. Role of Natural History E-groups in bridging the gap between Scientist and Citizens and their contribution to conservation of Indian Wildlife
- 6. PPT Presentation on Citizen science a conservation tool for Lepidopteran studies in Maharashtra, 3rd Asian Lepidoptera Conservation Symposium and Training Programme held on 25-29 October, 2010 at Coimbatore, India.
- 7. PPT Presentation on Distance Learning in Basic Entomology- A study module, XXII International Congress of Entomology held at 26-28 August 2004 at Brisbane, Australia

### **Exhibition Developed**

1. Conservation Education Centre at Asola Bhatti Wildlife Sanctuary (2013-14): 24 exhibits

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2. World Environment Day Celebration on Mumbai (2012): 22 exhibits

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- 3. World Environment Day Celebration in Mumbai (2011): 22 exhibits
- 4. Conservation Education Centre at BNHS Nature Reserve (2008-2009): 20 exhibits
- 5. Nature Awareness Exhibits at Maharashtra Tourism Development Corporation Resort at Mahableshwar (2007): 12 exhibits
- 6. Nature Awareness Exhibits at Maharashtra Tourism Development Corporation Resort at Malshei Ghat (2006): 12 exhibits
- 7. Nature Interpretation Centre of Indian Space Research Organization (ISRO) at Sriharikota.(2003-2006): 32 exhibits

#### **SEMINARS HELD**

- Seminar on Environmental Literacy on 21 September 2013 at BNHS Conservation Education Centre, Mumbai.
- Conservation Education Symposium on Role Of Conservation Education In Developing Young Green Crusaders In South Asia at Conference of Parties (COP 11) on 8 October 2012, Hyderabad

### INTERNATIONAL CONFERENCES

- Global Entrepreneurship Summit 2015 (24-26 July 2015), Nairobi, Kenya
- Three-day conference on University Leadership: Bringing Technology-Enabled Education (23-26 May 2010) organized by Massachusetts Institute of Technology (MIT), United States.
- Six-weekend workshop on Conversations with Curations (6 March- 10 April 2010)
- organized by Boston Arts Center, United States
- Three-day seminar on Financial Management for Non-Financial Managers (3-5 December 2010) organized by American Management Association, Boston, United States
- Five-day Global Leadership Forum (18-22 October 2009) organized by Institute of International Education, Washington D.C, United States.
- Four-day conference on Promises to Keep: Vision and Values in Museums (11-13 November 2009) organized by North England Museum Association, New Hampshire, United States.
- Five-day conference on The Power of Partnerships: Creative Leadership in Environment
   Education organized by North American Association of Environment Education, Oregon,
   United States.
- XXII International Congress of Entomology at Brisbane (14-21 August 2004)
- Four-day workshop (29 September- 3 October 2003) on GIS in School organized by Earth Observation Education Project of NASA in University of Montana, United States

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### PROFESSIONAL AFFILIATIONS

• Expert Panel Member for CII's Indian Business and Biodiversity Initiative (IBBI)

Ph.D. Guide for Zoology at Mumbai University

Honorary Board Member for Environmental Studies for K.J. Somaiya College

S.I.E.S. (NERUL) COLLEGE OF ARTS, SCIENCE & COMMERCE Sri Chandrasekarendra Saraswath) Vidyapura (1994) (199

- Virtual Visiting Faculty at Boston University
- Referee for entomological papers of Journal of BNHS
- International Exchange Alumni
- Alumni of Boston University
- Member of IUCN Commission on Education and Communication (CEC)
- Member of Fulbright Alumni for United States Educational Foundation of India

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#### Report



On

## International Conference on Recent Trends in Environment, Technology & Economy

(SWAYAZAS 2017)

Organised on 10th and 11th February 2017

At SIES (Nerul) Campus

A two day 'International Conference on 'Recent Trends in Environment, Technology & Economy' approved by University of Mumbai was organized by SIES (Nerul) College of Arts, Science & Commerce in Association with Bombay Natural History Society (BNHS) during February 10<sup>th</sup> -11<sup>th</sup>, 2017 at SIES Educational Complex, Nerul, Navi Mumbai. It was inaugurated by Dr. Ram Boojh, Chief of the Unit and Programme Specialist for Natural Sciences, UNESCO, New Delhi as a Chief Guest and Dr. Krishna Pant, National Technical Coordinator, FAO, Nepal as a Guest of Honour. Total more than 150 delegates from Industry, Academic Institutions, Research Institutions, Government departments participated in the Conference.

Conference welcome Speech was delivered by Prof. Koel Roy Choudhury, Principal, SIES (Nerul) College of Arts, Science and Commerce wherein she briefed about the SIESASCN, its achievements and also delivered the concept and idea of conference. She remarked that the conference on this topic is very important to deal with the issues related to Sustainable Development to discuss on the current advances in technology to achieve sustainable growth. Shri.S.V.Viswanathan, Joint Honorary Secretary, SIES and Shri. Eswar, Management Council Member, SIES emphasized on the severity of Environment destruction and focussed on the role of an Individual in Pollution Control.

Dr. Ram Boojh while inaugurating the Conference explained the concept and the three dimensions of Sustainability and also emphasized on the necessity to transform our lifestyles in to a sustainable one. He highlighted the role of researchers and youth in identifying new avenues for the sustainable management of environment and economy. He said that discussions in Conference should help to establish a linkage between researchers, academia, industries and policy makers and should encourage students towards carrying out more and more research in this field. Address by Guest of honour was delivered by Dr. Krishna Pant. He stressed on the role of youth in addressing the challenges world is facing in terms of Sustainable Economic Development. Vote of thanks was delivered by Ms. Pooja Desai, Convener, SWAYAZAS 2017. During the conference two Keynote Lectures, seven plenary lectures, 02 invited lectures, 60 contributory oral presentations and 20 poster presentations were presented and discussed in eight technical sessions over two days.

**Keynote Lectures:** 





Two Keynote Lectures were organized during the Conference. The details are as follows:

- 1. A Lecture on 'Global Environmental Challenges and Response' was delivered by Dr. Ram Boojh on 10th February 2017. In his lecture, he focussed on various impacts of climate change on sustainable development, steps to control and curb climate change, various conventions and policies undertaken at global level for promoting sustainability, role of UNESCO in strengthening Sustainable Development and policies and programmes undertaken by India to achieve sustainability.
- 2. Dr. Krishna Pant was the second keynote speaker who spoke on 'Environmental Sciences and Green Technologies for Sustainable Economic Development' on 10th February 2017. In his talk, he said that Humanity has the ability to make development sustainable. He also stressed on the fact that Environmental sciences need to be reoriented towards multidisciplinary research for generation of green technology necessary for sustainable development and Research need to be driven by needs of the society and planet.

The conference was divided in to seven technical sessions for Oral Presentations spread across two days and each session had one plenary lecture. The details of the technical sessions are as under:

## Technical Session I: Advances in Environmental Sciences-I

The Chairperson for the Session and the Plenary Talk was given by Dr. Seema Mishra, Director- SIES Indian Institute of Management. This session comprised of ten contributory research paper presentations and one invited paper presentation.

The major recommendations are listed as below:

- 1. The management of textile dye waste is a major problem that pollutes water bodies. Role of immobilized bacterial culture is proven technology in this regard. Up scaling of immobilized bacterial cultures on pilot scale is required for feasibility studies and application.
- 2. To improve the texture of silk chemical methods are prevalent, however, it is not economic and environmental friendly. Degumming of silk by bacteria improves the quality of silk as well as is environmentally friendly. Initiatives for commercialization of technology are recommended.
- 3. Green building regulation should be the part of urban infrastructure and town planning.
- 4. For improving the survival of mangrove tree species application of plant growth promoting bacteria for nursery raising is recommended. It is imperative to identify the best treatment with potting material and PGPB.
- 5. For the management of fly ash dump sites, characterization of native and exotic plant species is required for their application in reclamation.

6. It is imperative to characterize tree species for air pollution quality index with respect to the morphology and biochemical parameters for the management and control of air pollution especially around industrial and traffic intensive areas. The visting and categorization of air pollution tolerant tree species is required for different areas.

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7. Exploratory studies on nano lignin fibers with application as bandage and sanitary stripsare required for low cost application.

In the Plenary Talk on 'Sustainable Technology for management of waste and natural resources', Dr. Seema Mishra emphasised that the management of industrial waste generated in bulk viz. fly ash is a major problem because it creates non reversible environmental damage. Sustainable utilization of pond ash with organic fertilizers and beneficial microorganisms could be one of the most suitable interventions in the replenishment of polluted soil with better availability of nutrients and improvement of crop yield

## Technical Session II: Advances in Environmental Sciences-II

The plenary lecture of the session was delivered by Mr. Avick Sil, Regional Director, EPRI on the topic, 'Dust Emission from Construction Activity & its Control Measure'. He focused on the dust pollution and its severity due to construction activities. He also recommended various ways to curb and control dust pollution. He said that dust suppressant must be made compulsory for management and control of dust

The session was chaired by Mr. Avick Sil. Total nine papers were presented in the session. The major recommendations are listed as below:

- Solar Energy is an excellent eco-friendly source of energy for the distillation to provid of
  potable water. It offers various other applications too, but cost is very high and
  performance and efficiency needs to be improved. This is possible through awareness,
  government encouragement and more research activities in this field.
- Microorganisms can be very effectively used for various pollution control techniques like in remediation of PAHs, hazardous waste leachate and ammonia rich effluents. Microbes can also serve an important function of production of environmentally friendly products like biocement.
- 3. Noise pollution in the areas along the railway line is a big concern and needs to be tackled effectively. Regular monitoring of noise in these areas need to be carried out. Various control methods like isolation of these residential areas using barriers need to be taken into consideration.
- 4. Trees are a major sink for the green house gases. It is very critical to recognize various climatic conditions on which the carbon sequestration capacity of vegetation is dependent. Conservation of forests and afforestation is very crucial to control the climate change.
- 5. Green Assessment of all the organizations is the present day need. Undertaking green assessment helps recognize the unique role and responsibility of an organization in promoting an environmentally sustainable society.



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## Technical Session III: Advances in Environmental Sciences-III

The technical session III was chaired by Dr. Shubhalaxmi V, Founder &CEO, Ladybird Environmental Consulting. She also gave the plenary talk for the session 'Mobile Apps for Recording Climate Change: A Case Study of Mobile Learning Through Citizen Science in four Urban Secondary Schools in India'. Dr. Subhalaxmi through her talk very effectively demonstrated the role of technology in environment conservation; she explained how various mobile apps can be used for various environmental monitoring programmes. Also a new and upcoming concept of citizen science was very well elucidated.

10 contributory research papers and one invited research paper was presented in this technical session. The major recommendations of the session are as under:

- 1. Air pollution due to ammonia is a major concern in the metropolitan cities like Mumbai. NH3 is a major cause of respiratory diseases like Phelgm, which is leading to major economic losses due to health damage. Air monitoring studies need to be carried out regularly which will be useful to assess air quality level and health impact for the region where fertilizers exists for the regulatory purpose.
- 2. The change in the land use pattern is leading to the loss of agricultural land, biodiversity and many other related impacts. Studies on use of land use pattern have to be undertaken and so that of land management policies and decisions for sustainable development can be undertaken by the policymakers proficiently.
- 3. NGO's are playing important role and assisting in the efforts of environment protection. There shall be provision for special incentives and appreciation by announcing awards for their efforts for protection and preservation of environment. All this would reduce the environmental degradation.
- 4. Ancient water harvesting practices should be perceived by the common man as his sacred duty, harvesting and storing water where it falls can only be done through community participation
- 5. Vegetation plays a crucial role in the pollution control and abatement. For eg, it can be used in phytoremediation for removal of heavy metals and can also be reduction agents for dust pollution. These environmental friendly techniques need to be promoted more for pollution control
  - 6. Ecotourism a form of sustainable tourism involves activities that minimize adverse effects of traditional tourism on natural environment to enhance the cultural integrity of local people. This responsible form of tourism encourages going back to natural areas making very little harm to nature and encouraging protection of wildlife and habitat.



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7. Valedictory session was conducted in the benign presence Mr. S. V. Viswanathan, Joint Hon. Secretary, SIES of by Mr. S. Ganesh, Hon. Secretary, SIES; Mr. M. V. Ramnarayan, Hon. Treasurer, SIES and. Mr. Ganesh emphasized the need of environment management for pollution control. He stressed on making habit for nature conservation and to make SIES Campus an Eco friendly campus. Mr. Ramnarayan in his speech said that such conferences should be a regular event for awareness generation on environment. The concluding remark of conference was delivered by Dr. G. Ramakrishnan and Vote of Thanks was given by Dr. Seema Mishra.

## Technical Session IV: Advances in Environmental Sciences-IV

The Chairperson for the Session and the Plenary Talk was given by Dr. Devayani Savant, Deputy Director- SIES Indian Institute of Management. This session comprised of seven contributory research paper presentations.

The major recommendations are listed as below:

Six papers were presented in this session. All the papers were based on various topics in Environmental Microbiology and Biotechnology and were presented exclusively by post graduate students. Following are the comments and recommendations on the papers:

 Sequencing batch reactor is an emerging alternative for activated sludge treatment having distinct advantages of low energy consumption, lower space requirements and better treatment efficiency. The paper gave excellent review and comparison of SBR with conventional and most advanced reactors.

2. Xanthan gum is a microbial polymer; used extensively as a natural food additive which serves as a thickener and also has various other industrial applications. It is an excellent alternative for synthetic adhesives. The production cost of xanthan gum was studied using shrimp shell extract, agro waste and cheese whey. Shrimp shell waste which is a low cost waste particularly supported the production. Further studies should be explored for economic viability of the production of xanthan gum using this substrate.

3. PHA production was studied using endophytic bacteria from *Mangifera indica*. PHA can serve as a biocompatible and biodegradable alternative for synthetic plastic. Further studies may be conducted for slow drug release using capsule made of PHA produced by the bacteria.

4. Bacteria were successfully isolated and partially identified from hazardous waste landfill leachate. Such bacteria can be potentially useful in removal of pollutants such as metals from hazardous wastes.

5. Prodigiosin is a secondary metabolite produced from Serratia marcescens. It is a pigment having antibacterial, antifungal antiprotozoal and immunosuppressive properties. Various physicochemical parameters including stimulators and inhibitors were optimized for production of prodigiosin. The pigment was showing good antibacterial properties and should be explored for large scale application.

6. The last paper was based on a novel concept of production of a health drink through fermentation of medicinal plants by using effective microorganisms. The drink was shown to have high antioxidant content. Production of such drink is expected to lower the stress level of the consumer relations a necessity in today's polluted environment.

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Besides fermentation had an added advantage of little conversion to alcohol. Such products can prevent chronic diseases, cancer by maintaining healthy gut biome and good overall health. In depth studies on production of such products should be encouraged in future.

## Technical Session V: Sustainable Technology

Dr. Amiya Tripathi chaired the session and also gave the plenary lecture for the session on "Information and Communication Technology of for Sustainable Agriculture". In his presentation he made the audience with various computer and sensor technologies on which research is being carried out for sustainable agriculture and increased productivity of the crops.

Nine research papers were presented in this technical session. The recommendations given were as follows:

- 1. Information technologies are becoming more and more important for environmental management. There is a need to link the domain knowledge with the envisioned social, economic, ecological, and environmental objectives leading to foster a new interdisciplinary field, environmental informatics.
- 2. In today's techno savvy world, it becomes very important to use technology with due care due to increased cyber crimes and third party attacks on the websites. The safety measures starts with the awareness about these crimes and working with technology in more cautious manner. Countermeasures for such issues need to be designed and implemented. 3D secure password and cryptographic techniques are examples of measures which can secure authentication and network security
- 3. Data mining technology is the optimal technological solution to design and develop a scalable and secure model to predict the values for various types of pollutions and help the policy makers to take the remedial measures to minimize it.
- 4. ICT can be very efficiently used for sustainable agriculture. Appropriate basic training to the farmers and making ICT innovations replicable, scalable, and sustainable, it can immensely benefit to improve the crop productivity & overall market.

## Technical Session VI: Advances in Environmental Sciences-V

The Chairperson for the Session and the Plenary Talk was given by Dr. Ram Prasad Chaudhary, Tribhuvan University, Kirtipur, Nepal on 'Biodiversity Conservation in the Himalayas: Challenges and opportunities'. Dr. Chaudhary focussed on the Biodiversity of the Himayalas and stated that a holistic integrated approach is required which involves the contribution of all the stakeholders in order to bring biodiversity; Climate change and Socioecological and economic issues together leading to sustainable development.

Nine research papers were presented in the session.

The major recommendations are listed as below:

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- 1. Distribution coefficient (Kd) study of Iodine was studied. Kd is one of the most important parameter contributing to large uncertainties in the predictions in the fate of contaminant in soil and ground water and it is recommended that this study for various parameters need to be carried out. Also further study on the transport of iodine needs to be carried out.
- 2. As flyash is being used for many applications, leaching properties of various trace metals present in the flyash needs to be studied, whether these metals leach out in an amount that exceed the permissible limits prescribed by various agencies.
- 3. The smart irrigation system is feasible and cost effective. It allows cultivation in places with water scarcity thereby improving sustainability. There is a need of empowering villages in India through technology and creating rural innovation clusters will be critical to reconcile India's "super power-super poor" conundrum and realize the true potential of Digital India.
- 4. Green living and green buildings are the need of an hour. It is very important to generate awareness among the general public regarding green building development. For this it is recommend designing an effective promotion strategy and campaign which should cover all the aspects of green building construction and development.
- 5. Algae have tremendous potential to be used as a bioindicator organism for the pollution of water. Correlation studies between various algae and water parameters ned to be carried out so as to use any particular species as bioindicator. This would help monitoring the quality of water.
- 6. Wind plays major role in design of tall structures as it exerts load on building. To maintain proper indoor living conditions, planning stage of project proper design feature should be taken into consideration to provide adequate wind requirement for the residents so that quality of indoor air remains of acceptable standards.

#### **Technical Session VII: Economics**

The session was chaired by Dr. G. Mythili, Professor, Indira Gandhi Institute of Development Research', Mumbai. The plenary talk was also given by Dr. Mythili. The topic of the talk was 'Challenges of Environmental Governance post Economic Liberalisation'

The session comprised of 5 oral presentations on sustainable economics. Major recommendations of the session are as follows:

- It is very important to inculcate the values of sustainable living among the student community. They are going to act as agents of change for achieving sustainable development. Gandhian Economics is a very effective way to attain sustainability.
- 2. Mangroves not only has ecological role in conservation of biodiversity but it also offers traditional and future ways of making money, we should always keep in mind that safe guarding and conserving mangroves is our prime priority. Changing climatic

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Vidyapuram, Plot No. 1-C. Sector-V.
Norul, Harrimonissis- 430 /06.

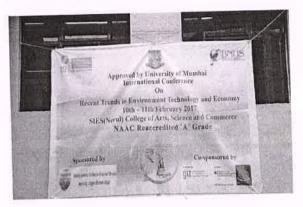
- conditions are posing a major threat to the mangroves; in such circumstances conservation of the mangroves should be focused.
- 3. Environmental policies and regulations initially might suffer a little economic losses, but at later stages, it has not only proved to protect the environment and reduce pollution but also to boost economy by improving the brand name.
- 4. E-commerce has proven its great benefit for the shoppers and merchants by reducing the cost but E-commerce security is still a challenge. So developers of E-commerce website should consider security as a paramount importance in order to provide highest possible degree of assurance to their customers

#### Valedictory Session:

Valedictory Session was conducted in the benign presence of Chief Guest Dr. Ram Prasad Chaudhary, Shri. S.V. Vishvanathan and Shri. Eswar. Dr. Ram Chaudhary spoke on his views about the two days of conference and said that the conference will surely help all the stake holders with attaining sustainability. Shri. Vishvanathan & Shri. Eswar gave their views about the conference. Then Best Paper awards were given for each technical session. Prof. Pooja Desai proposed the vote of thanks to all those who had contributed to the success of the conference.



Inaugural Function



Conference Banner



**Inaugural Function** 



Felicitation of Dr. Ram Boojh- Chief Guest



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#### M.COM

#### SPSS WORKSHOP REPORT

#### 2016-17

SPSS workshop was conducted for the students of MCOM part2 on 12<sup>th</sup> December by Dr. Ranjith from SIESCOMS. During the two hour workshop, students were taught the basics of SPSS and its application for research methodology. Theoretical topics like generating table and graphs, basic descriptive statistics, such as average, advanced inferential statistical, such as regression model, analysis of variance (ANOVA) were covered and hands on practice was done.







**INTERNATIONAL CONFERENCE: IDEATION 2016** 

"Evolving trends in Business, Management, Media and Extension".

26<sup>th</sup> & 27<sup>th</sup> February 2016

#### Report

SIES (Nerul) college of Arts, Science and Commerce in association with Life Long Learning and Extension University of Mumbai hosted the International Conference for the year 2016 on the 26<sup>th</sup> and 27<sup>th</sup> of February 2016. Being the organizers of this conference their entire team strived to achieve a high level of Excellency in all aspects related to the conference.

The inception of the conference took place with the registration process for the participants which began by Nine 0' Am. They extended their attribute of hospitality towards the participants, which made them develop a feeling of belongingness. As it is always said that the best way to begin an event is by thanking God for the strength he gives us to run each day's race. Hence to acknowledge this fact they began with the inauguration ceremony which saw the tradition of the lighting of the lamp. The ceremony was hosted by Ms. Ananya Gon and Mr. Mithun who put forward a well executed start to the conference. The chief guest for this session was Mr. Anand Narasimham, Who is currently an anchor at Times Now. They also saw the presence of Professor CharlesLavery who is currently the professor at the Indian Institute of Journalism and Mass Media, he was the keynote speaker for this session. Dr. Rita Basu, thePrincipal of SIES (Nerul) college of Arts, Science and commerce also gave a brief insight on the theme of the conference "Evolving trends in Business, Management, Media and Extension".Dr. Neera Kumar Conference Convenor put up an extraordinary vote of thanks to all the Individuals who made this conference what it is today, and also extended her gratitude and appreciation to all the presenters and the Judges.

This marked the end of the Inauguration Ceremony and initiated the First technical Session

Business) for which the keynote speaker was Mr. K. Boovenfran, DeputyCEO, FIMMER and the chairperson was Dr. Kishori Bhagat, Vice Principal Pragati College. The Conference was intellectually rich, consisted of a lot of exposure of the participants research work and enlighten minds. The conference saw participation from over Fifty plus presenters from all over India and from foreign nations some of which were The United States of America, Nigeria and even Singapore. This was the moment when the presenter's hard work and enduring spirit paid off.

The judges were amazed by the research work undertaken and wished their very best to all the presenters. The end of session one walked into the lunch break that was organized by the organizing committee.

S.I.E.S. (NERUL) COLLEGE OF Session two the last and final session for the day began right after the lunch break the the meommerce for this session was Media; the chairperson was Dr. Sanjay Ranade, Associate Professor, 10 1 0 porto:-V. Communication and Journalism Department, University of Mumbai. Paper presentations put 100 (106).

forward during this session mainly focused on the various developments and constraints that come under the umbrella of Media.

This marked the sunset for the Conference dated the 26<sup>th</sup> of February 2016. Participants couldn't feel more proud of themselves than they did today as all their hard work paid off in a manner they would have never interpreted.

27<sup>th</sup> of February saw an early start for all the participants as the conference began by 9'o clock am. The keynote Speaker for this session was **Mr.Debasis Sarkar**, **who is the Global head ofRe-Engineering**, **standard Chartered Bank** and the Chairperson was **Mr. Rohit Nalwade**, **Founder and CEO**, **Consumer Vision Technologies Pvt Ltd**. The topic for this session was Management. Paper Presenters had a vast ocean of research work in this very topic. The end of this session closed into Lunch.

The final session for this knowledgeable conference began right after lunch and the topic was Extension. The chairperson and the keynote speaker was **Dr. Lakshmi Varanasi, Vice PrincipalICL College.** 

The entire conference was no doubt an enormous success and met levels way beyond than what was expected. Organizing a conference at this level surely involves hard work, sleepless nights and a lot of dedication and all this calls for the Valedictory Function. The two important individual, along with their team, who got the ball rolling for this conference were the Convener Dr. Neera Kumar Co-Convener Ms. Sugandha Jha. The entire team saw the end of the conference with the prize distribution ceremony.

The team shortly stated that they really appreciated the presence of every single person in their midst and that they would appreciate this similar interaction in the years to come.



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#### **CHIEF PATRONS**

Dr. V. Shankar

South Indian Education Society

Hon. Dr. Sanjay Deshmukh Vice-Chancellor University of Mumbai

#### **PATRON**

Dr. Dilip S. Patil Professor and Director Department of Lifelong Learning and Extension University of Mumbal

#### INTERNATIONAL ADVISORY BOARD

Dr. Manu Vora

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Dr. Dipak V. Amrutker Research Scientist, Saniona AS, Denmark

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ShriJ. Santhanam Vice President SIES , Consultant - Oil & Gas Business

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Mr. K. Boovendran
Deputy CEO, Fized Income Money Market
and Derivatives Association of India

Dr. Ajay Bhamare Chairperson, Board of Studies, Commerce Printepal Ramanand Arya D.A.V.College

Mr. Yogesh Pawar Deputy News Editor, DNA

Dr. Sanjay Ranade

Associate Professor Department of Communication and Journalism University of Mumbal

Mr. Aviruk Chakrabort MD, Whistling Sun Education Pvt. Ltd., Ahmedabad

Registration Form can be downloaded from www.sipsascn.net/conf/ Office number: 022 27708371 Fax Number:022 2771 3356

#### ORGANISING COMMITTEE

CHAIRPERSO Gr. Rita Busu, Principles CONVENDR: Dr. No.

CO-CONVENOR: Ms. Sugarumu Jha (19867324926)

#### MEMBERS

**BCom** 

Ms.Rajeshri Shinkar(Co-ordinator BCom) Ms.Vasanti Rajadhyaksha

Ms.Rupsil Zele Ms.Trupti Wani

Ms. Kavita Chakravarty Ms.Payal Madhok Ms.Rina S. Kumar Ms, Sunetra Dasgupta Gon(Co-prolinator BMS) Inamika Bonheal Intanya Songirkar ISonali Chavan I.Naha Tolang

Dr. Privadarshini Poddarii Mr.Abhishek Dand

#### THEMES FOR RESEARCH

BUSINESS:

- Role of FDI and FII in Economic Development
- innovative Businesa Strategy
- Capital Markets: New Issues & Challenges
- Commodity Markets: Emerging Trends
- Financial Risk Management MANAGEMENT:
- Innovations in Management
- Corporate Social Responsibility
   Innovations in HR Practices
   Role of IT in Transforming India
- Green Marketing
- · Change Management
- Environment Management Environmental Accounting and its Relevance to India
- MEDIA:
- Digital India
- Integrated Marketing Communication
- Journalism Research and Education EXTENSION:
- Woman Empowe
- Financial Inclusion
   Gender Equality: Inclusive Approach to End Discrimination
- Social Entrepreneurship

#### University of Alumbai



Life Long Learning and Extension

In Association with



NAAC Accredited "A" . ISO 9001-2008 Certified

**Presents** 

## IDEATION

"Evolving Trends in Business, Management, Media and Extension"

A Two Day International Conference Organised by

Departments of Management Studies. Commerce and Mass Media

on 26th & 27th February 2016.

#### UNIVERSITY OF MUMBAI

The University of Mumbol established in 1857, is one of the premier and index feetfulines in fresh, these his ledgetion, it has given the ju-st the country and the edy of Mumbol by activalisationally, empowering the ever growing youth with Todas of social yearing and

## DEPARTMENT OF LIFELONG LEARNING AND EXTENSION

AND EXTENSION

The Department of Lifelong Learning and Estension (DLLE) was established as October 12 in the Year 1976 and has been recognized as a statutiny Department of the University of Mumbat sizes 1884 for promote a maningful and sustained rapport between the Universities and the community. The DLLE offers flexible continuing education opportunities for the people. As a well-founded academic department of the University of Mumbal, the department is committed both to the Righest standards of econlines and to ensuring that the University is uniparalleled scale mic strengths and resources are minds available to as many improved fearners as possible so as to play a phrouginois in researching that the department of the University is uniparalleled scale education to the masses.

## SIES (Nerul) COLLEGE OF ARTS, SCIENCE AND COMMERCE

AND COMMERCE

Renowed for its coeffable track-record of performance in the Apactam of oducation cynt the past awan decades, BOUTH INDIAN EDUCATION SOUTEY has made a name for itself all corns. Mumbai and Nam Mumbai. The South Indians Education Society after contemplating over the secosisty of cataling to abidents at the undergraduate levels in these Mumbai. The South Indians Education Society after contemplating over the secosisty of cataling to abidents at the undergraduate levels in these Mumbai. Took up a bold bittantive and Sitzi (Amin) College of Commerce was established in the year 2001 followed by the faculty of Science in the year 2001 followed by the faculty of Science in the year 2001 followed by the faculty of Arts. Science and Commerce. The College has researed vishoes of Opportunities for during the State of Science (Smits). Bacheller of Sciences (Smits). Bacheller of Sciences (Smits). Bacheller of Sciences (Smits). Bacheller of Sciences (Computer Science). Bacheller of Sciences (Computer Science) and Door (Financial Market). We at \$155 complately believe that it is the knowledge, faith, trust and hard work that have fellowed as attain rising standards of academic, profusional and societal performance. Our main priority at SIES is for focus on education that specific and encloses life.

#### **ABOUT THE CONFERENCE**

Change is something that needs to be driven by a force. In today's era of global business, the ever proliferating globalization, competition and the hunger for quality and productivity has contributed strikingly to change the world business scenario. Today's businesses have been seeing the vitality of diversification, not merely as a world in the dictionary but as something that needs to be implemented. Business restructuring has become the need of the house for many commonles operating at high domestic as well as Implemented. Business restructuring has become the need of the hour for many companies operating at both domestic as well as international level. It is only the propagation of ideas that can pave the path of aucoess and profitability for any organization. Realizing the necessity of the upsurge of generation of new innovation in the current business scenario, SIES/(Nerui) College of Arts. Science and Commerce in association with the Department of Life Long Learning & Extension, University of Mumbal, announces "IDEATION 2018 International Research Conference on Evolving brends in Business, Management, Media, & Extension", organised by the Commerce, Management Studies and Mass Media Departments. The main motive of this Conference is to create a global platform where both academia as well as indistrial professionals can indulge in debates, discussions and analyse the ongoing trends.

#### **OBJECTIVES OF THE CONFERENCE**

Conference will strive towards examining critical societal. ifference will surve (towards examining circues societies, as and technological inclinations, it will infuther appraise inclinations and determine how they can mould future so opportunities and at the same time try and analyse processes and innovations that have a strong foot hold

#### PARTICIPANTS OF THE CONFERENCE

Research Scholars from various institutions across sciousis from Corporate world and Post Graduate and to participate in the Conference.

#### MODE OF PAYMENT

sent by Cash or Cheque/ Demand Draft lego of Arts, Science and Commerce". through NEFT/Swift Transfer directly to 057200101000400

#### **GUIDELINES FOR THE PAPER**

The abstract must clearly indicate title of the paper, author(s) and institution address with email address and contact number. It should not exceed 250 words. It must have a few keywords. It must be typed in ITALICS.

The final paper should have a copy of the abstract at the beginning. Full length of the paper should not exceed 2500 words. Paper should be written in Times. New Koman, 12 font size with 1.5 line specing and 1" margin on all aides of the page. Author's contact details and institution's in ame should be mentioned at the end of the paper on a separate sheet. Maximum two co-authors are allowed with a main author for each paper, individual registration of the main author and the co-author is mandatory, in-absentia submission will also be accepted on registration. Submission of the manuscript will imply that thas not been previously published and is not under consideration for publication elsawhere. Selected papers will be published in the form of an edited book with an ISBN number. A bast paper award will be declared for each track. The abstract and the final paper should be mailed to ideation 2016@gmail.com

#### IMPORTANT DATES

Abstract Submission

Full Paper Submission	20th	Jan 2016
REGIS	TRATION	E OF ARTS
Delegato Category	Reputration	Only Participants
Academicians	Rs. 2000	DIR 1900 C
Student Researchers	str 1000	Sector - \
Professionals/Executives	RE3 00	Nerul
international Delegates	Mag hap	110
nternational Research Scholars	s use	~~~

10th Jan 2016

ACCOMMODATION

Accommodation will be make a place and a friety on prior intimation with additional changes. Press again confirmation on or before 30th Jan 2016.

PRINCIPAL

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Nerdi, 1444. meilled - +50 706.

## 26th February 2016

## Programme 27th February 2016

09:00-10:00 - Registration

10:00-11:30 - Inaugural Session

<u>Chief Guest</u> - Mr. Anand Narasimhan Anchor, Times Now

<u>Patron</u> - Dr. Dilip S. Patil Prof. & Director, DLLE, University Of Mumbai <u>Keynote Speaker</u> - Prof. Charles Lavery (IUNM)

11:30-13:30 - Technical Session I (Business)

<u>Keynote Speaker</u> - Mr. K. Boovendran Deputy CEO, FIMMDA

<u>Chairperson</u> - Dr. Ajay Bhamare Principal, Ramanand Arya D.A.V. College

13:30-14:30 - Lunch Break

14:30-16:30 - Technical Session II (Media)

Keynote Speaker - Mr. Yogesh Pawar Deputy News Editor, DNA

<u>Chairperson</u> - Dr. Sanjay Ranade Associate Professor, Communication & Journalism Department, University of Mumbai 09:00-09:30 - Registration

09:30-13:00 - Technical Session III (Management)

<u>Keynote Speaker</u> - Mr. Debashis Sarkar Global Head of Re-engineering, Standard Chartered Bank

<u>Chairperson</u> - Mr.Rohit Nalwade Founder and CEO, Consumer Vision Technologies Pvt. Ltd.

13.00-14.00 - Lunch Break

14.00-16.00 - Technical Session IV (Extension)

<u>Keynote Speaker and Chairperson</u> - Mr. Punam Singavi, Founder President, Hariyali and Hon. Wildlife Warden

16.00-17.00 - Valedictory Function

<u>Guest of Honour</u> - Dr. Ganesh Hedge Deputy Advisor NAAC



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Nerul, Nav. Munabal - 400 706.

## Mr. Anand Narasimhan: profile



 TV Media Journalist & Anchor Gautam Buddha Nagar, Uttar Pradesh, India

## Experience

#### **Executive Editor**

Company Name

NETWORK 18 MEDIA & INVTS LTD Dates EmployedAug 2018 – Present Employment Duration2 yrs 2 mos LocationNoida Area, India

**Executive Editor, Network 18** 



#### **Sr Editor**

Company Name

Times Network
Dates EmployedSep 2009 – Jul 2018
Employment Duration8 yrs 11 mos
LocationNoida Area, India





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Vidyapuram, Plot No. 1-C. Sector-V,
Nerul, Havi Mumbai - 400 706.

Ten Sports Dates EmployedJul 2007 – May 2010 Employment Duration2 yrs 11 mos

Anchor Sportsnight, Ten's flagship news bulletin. Also involved in Ten's live cricket broadcast...



#### Company Nameespn star sports pvt ltd

Total Duration2 yrs 2 mos

#### Titlepresenter

Dates EmployedMay 2005 – Jun 2007 Employment Duration2 yrs 2 mos

#### TitlePresenter

Dates EmployedMay 2005 – Jun 2007
Employment Duration2 yrs 2 mos
anchor on Sportscenter and Top Corner... Went to the FIFA World Cup in Germany in 2006 as field reporter... Also
helped launch the India Cricket Weekly on Star Cricket...

#### Education

### **SIES College of Management Studies**

Degree NameMBA
Field Of StudyMarketing, Advertising and Finance
Dates attended or expected graduation1999 – 2001
Activities and Societies: Debate team, Music team and head of organising team for AD Combat (annual advertising and marketing fest), Member of the Placement and Cultural Council

Best marketing student, winner of the Samsika Brand management award... Highest score in Principles of Management and Advertising...



### **University of Mumbai**

Degree NameBachelor of Commerce (B.Com.) Field Of StudyBusiness/Commerce, General Dates attended or expected graduation1995 – 1997 Plot 1 -C Sector - V, Nerul

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Vidyaparum Plot No. 1 C. Sector-V,
Nerui, 1403, 1404,



#### **RESUME**

Dr. Kishori Jagdish Bhagat M.Com., M.Phil., M.B.A., NET, Ph.D.

Address: 201, Rajyog,

Om Sai Nagar, Nandivli Road, Near Sunil

Nagar,

Dombivli (E) – 421 201. District – Thane

State - Maharashtra

Phone No.: 9819340105

Date of Birth: 10<sup>th</sup> August 1971

Nationality:Indian

Religion:Hindu

Marital Status: Married

#### **Educational Qualification:**

Degree/ Examination	Subjects	Year of Passing	University/ Board
Ph.D.	Commerce & Management	2011	YCMOU
M.Phil.	Research Methodology, Eco, Fin Mgt.	2006	MADHURAI  KAMRAJ  MADHURAI  MADHURAI
M.B.A.	Marketing	2012	DI-A A A
M.Com.	Advance Accounting and Advance Costing	1994	PUNE IN Nerul
B. Com.	Fin Accnt & Audt, Trade Practices, IOM, Economics,	1992	MUMBAI PRINCIPAL
H.S.C.	O.C., S.P., ECO., B.K.,	1989	S.I.E.S. (NERUL) COLLEGE OF Maharashtre State ENCE & COMMERCE Board, Puhendrasckarendra Saraswathy
S.S.C.	All compulsory	1987	Maharashtra State  Board

#### Additional Qualification: Cleared NET Examination for eligibility for

lectureship held on 25th JUNE 2006.

- O Master In Computer Operations
- O Diploma In TelephoneOperator
- O Certificate of Typing @ 50wpm

Languages Known: English, Hindi, Marathi, Gujarati, Malayalam, French- (elementary level)

Courses Taught: B.Com., B.Com-(Banking & Insurance), M.Com. I & II, M.M.S., M.B.A., M.B.A-(Banking & Insurance)

#### **Subjects Taught:**

Business System and Society, Marketing and Finance, Management and Human Resource Development,
Business Environment and Development,
Management and Production Planning,
Principles of Management, Company
Secretarial Practice, Financial Accounting,
Cost Accounting, Management
Accounting,

Business Policy and Strategic Management,
Business Law,
Finance in Marketing and
Personnel,
Research and Communication
Methodology,
Financial Management, Business
Development, Research
Methodology Marketing and
Human Resource Management

#### **Book Publication: One**

'Financial Accounting' for B.Com (Banking & Insurance) Semester II - Published by Everest Publishing House, PUNE.

Paper Publication: 09



#### **Class and Courses:**

CLASS	COURSE	COLLEGE
F.Y.B.COM	Business System and Society	Pragati College, Dombivli
S.Y.B.COM	Marketing and Finance	Pragati College, Dombivli
T.Y.B.COM	Management and Production Planning	Pragati College, Dombivli
F.Y.B.COM (Banking and Insurance)	Principles of Management, Financial Accounting	Pragati College, Dombivli
M.COM -I	Strategic Management	Model College, Dombivli

M.COM -II	Research Methodology	Model College, Dombivli
M.M.S	Finance in Marketing and Personnel	Swayam Siddhi Institute of Management and Research Bhiwandi
M.B.A	Research and Communication Methodology	Smt. Chandibai Himmatmal Mansukhani College (YCMOU Centre) Ulhasnagar
M.B.A. (Banking & Insurance)	Financial Management	Smt. Chandibai Himmatmal Mansukhani College (YCMOU Centre) Ulhasnagar

Recognized Ph.D. Guide in Commerce -University of Mumbai Recognized Post-graduate Teacher in Commerce -University of Mumbai Orientation Programme: One — UGC Academic Staff College, University of Mumbai.

RefresherCourse:

Three - UGC Academic Staff College, University of Mumbai.

**Conferences and Seminars Attended:** 

State: 10

National: 15

International:08

Workshops Attended: 24

Workshop Conducted:04

PapersPresented:

17

ProjectsGuided:

31-UG Level (BBI & BMS)

17 - PG Level (MBA)

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Nilay Moonje is a Group Creative Director at DDB Mudra, based at their Mumbai Office. He has over 13 years of experience in the adverting field, 11 out of which were at Ogilvy & Mather, Mumbai.

Plot 1 -C

Sector - v Nerul

S.I.E.S (NERUL) COLLEGE OF ARTS, SCIENCE & COMMERCE

He started his career as a Junior Copywriter at Ogilvy & Mather, Spending nearly five years at the agency, where he won the Best National Young Creative Person of the Year award in the very first year of his career. His work for Glycodin, Playwin Online Lotteries, Tata Safari and Amaron Batteries won several national and international awards.

Thereafter, he moved to Leo Burnett, Mumbai. Where he worked on brands like Johnnie Walker, Bajaj Electricals, Reliance Mobile and Chocoliebe. After a short stint of about a year and a half, he moved back for a second innings at Ogilvy & Mather. Mumbai.

As a Creative Director, he helped build various brands like Comfort Fabric Conditioner, Amaron Batteries, Star Sports Pro Kabaddi and Diu Tourism. His creative work has won awards at almost every Indian awards show. But more importantly it has won the approval of the audiences and consumers in the market.

In his current assignment, Nilay leads the creative duties of India's retail giant Big Bazaar, Gulf Oil, Sony Max's Pro Wrestling League and LIC at DDB Mudra, Mumbai. His work for Big Bazaar's Diwali Campaign - the 'Paper Patakha' TVC and TVCs for Pro Wrestling League being the latest.

Nilay is a Commerce Graduate from R A Podar College of Commerce and Economics. He did his post graduation in advertising from KC College of Management Studies along with a specialised course in Crafting Advertising from Mudra Institute of Communications, Ahemdabad (MICA). His special interests include arts, handicrafts, travelling and developing creative thinking abilities in kids.

Sri Chandrasekarendra Saraswathy Sri Chandrasekarenda didatina Strickarenda didatina Strickarenda didatina Strickarenda didatina Strickarenda didatina di mudra-brings-on-board-nilay-moonje-as-group-creative-director/49136158

https://www.mica.ac.in/nilay-moonje

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Department
xecutive-MBA, PhD
teaching experience t Osmania University Women's College, Hyderabad, AP)
ith Management Accounting and Cost Accounting E- MBA with on in HRM, and other areas of specialization - Business Development, & Marketing, Corporate Social Responsibility
everal research papers at conferences and seminars
etter, Moderator, Member of Syllabus framing Committee ommittee member for stages 2 to and 3 to 4 and member of Selection ttee for Asst Professors
oordinator, Department of Lifelong Learning and Extension, University abai guiding students of 5 colleges in Navi Mumbai, last 5 years, on on Projects
t Chinmaya Mission in organizing Youth Empowerment Programmes and rand Corporate Training Programmes
n for 25 years of service as a teacher, In Major City Foundation, Navi
resented at State, National and International level and some of them are
on "Community Development through Youth Development prog- g Learning" published in the magazine 'Freedom First' Union Press, ii. No.544, October 2012
ed one Module on "E- Commerce" FY B Com Com I Text Book on Sector Himalaya Publishing House ISBN No. No.978-93-5097-293-9. ed one Module on "Contemporary Issues In Securities Market" com Com II Text Book on Finance, Himalaya Publishing House ISBN 8-93-5097-304-2978-93-5097-304-2 ed the article "Reflections of India: Past, Present and Future" in the book entry India: Nostalgia and Anticipation. Bharti Publications, SBN:978-93-81212-26-4
ember of IWSA, Life member of Mani Bhavan Gandhi Sangrahalaya te of Research on Gandhian Thought and Rural Development) ember of Higher Education Forum(HEF), ember of Chinmaya Mission, Mumbai: Organizes several National Youth coment Programmes ember of IWSA
r 2015-16
Theme & Venue  Invited as Resource person  RINCIPAL  ERUL) COLLEGE OF  ENCE & COMMERCE

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University level21 Aug,	First Term Training	Resource person	on Career &
2015, Aug 2017	programme for DLLE Teachers and student managers	CKT College,	Annapurna Project
University level21*Aug, 2015, Aug 2017	First Term Training programme for DLLE Teachers and student managers	Resource person Oriental college Sanpada	on Career & Annapurna Project Industry oriented project
University level Training Session One day16th Jan 2016	Extension projects to B. Ed students	Field Coordinator, DLLE Sainath College, Vashi	Training on all the Extension Projects
University level UDAN Festival of DLLE, Half day29 <sup>th</sup> Jan2016	Inter collegiate skit competition Bharatiya Vidyapeeth Institute of Hospitality Management,CBD	Resource person & Judge	To judge the street plays
One Day National Seminar 20th Feb2016	Women Empowerment Saket college, Kalyan	Co-Chairperson	Research methodology
Extension track based on Institute Social Responsibility 27th Feb 2016	'IDEATION 2016 International Conference SIES College, Nerul	Chairperson	Role of Extension Education

#### II) Self Development programmes attended

- ➤ 'LIFE Program'4 day workshop, 'Existential Lab'- 3 day Residential Program\_&'Mantra Yoga' 2 day workshop by Swami Sukhbodhananda of Prasanna Trust,
- One month Yoga training course at Rotary Club, Vashi
- Art of Living Basic course of SRI SRI Ravi Shankar.
- > Self Analysis programmes and 'Self Management and Right Thinking' (SMART workshop) of Chinmaya Mission, Mumbai

# College administration and activities

- Vice Principal
- > Chairperson of CAS Committee
- > IQAC Coordinator for three years,
- ➤ NAAC Core Committee member
- ➤ Editing of Prospectus for the year 2016-17, 2017-18
- ➤ In-charge of DEPD for University Examinations
- > Chairperson of Examination Committee for 4 years, member for a year
- Coordinator M. Com
- ➤ CAP Coordinator for T.Y.B.Com
- ➤ Chairperson for T.Y. B.Com and M.Com University Exams
- > On the selection committee as subject expert for teaching faculty appointments
- NSS Programme Officer for one year.

PRINCIPAL
S.I.E.S. (NERUL) COLLEGE OF
ARTS, SCIENCE & COMMERCE
Sri Chandrasekarendra Saraswathy
Vidyapuram, Plot No. 1-C, Sector-V,
Nerul, Navi Mumbai - 400 706.

