

Criterion 3: Research, Innovations and Extension

Seminar on Urban Environment Issues with special focus on Cochin

Title:	Seminar on Urban Environment Issues with special focus on Cochin
Date:	2.12.2014 to 3.12.2014
Venue:	Melesius Hall
Focus of the Event:	Skill Development
Organizing Body:	Department of Zoology
Resource Person:	Tony Chemmany, Kochi Mayor
Total Number of Attendees:	105



Event Report

The metropolitan city of Cochin has its own environmental issues. Being at sea level it faces the problem of water logging during heavy monsoon period. Mosquitoes and water borne diseases are twin brothers of this place. The ever-increasing quantity of



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solid wastes due to the unpolished consumerist habit of the city dwellers and the inappropriate mechanism for its disposal has made the situation worse. The marshy areas in and around the city which form the buffers of rainwater are rampantly being filled for construction activities at an alarming rate. Along with the promising future of economic development, the ecological crisis it might cause largely remained ignored. The Seminar was instrumental in inviting the attention of academicians, scientists, policy makers, researchers, students and the public of the city of Kochi to the problems concerned with the future of the place where they are living. The seminar also gave a rare opportunity for the students of the Dept. of Zoology who are specializing in environmental science in particular and other students in general to interact with the experts and to think along with them to find practical solutions to some of the problems they are studying only at theoretical level in the classrooms.

During the two-day seminar, fruitful deliberations and discussions were held on various aspects of urban environmental issues including, urban environment and land use: challenges and opportunities; population, urban development and environment; urbanization and climate change; urban biodiversity and conservation; role of parks, gardens, wastelands and wetlands in enhancing urban environmental quality; urban solid waste management: environmental issues; industrializations and its impact on urban environment, etc. All the deliberations and discussions were very informative, as well as thought provoking and suggestive of future actions. Perhaps the highlight of the seminar was a Panel Discussion on the Environmental Issues of Cochin conducted on the second day of the seminar. Through this event, the college could bring in all stakeholders including representatives from the local self-government, The Greater Cochin Development Authority, Cochin Port Trust, Kochi Metro Rail Ltd., State Pollution Control Board, Residents Associations, as well as environmental activists and civic representations into a single platform to discuss the various issues faced by the city and their possible remedial measures.



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Event Brochure

SACRED HEART COLLEGE, THEVARA, KOCHI, KERALA

UGC SPONSORED
NATIONAL SEMINAR
ON
URBAN ENVIRONMENT ISSUES
WITH SPECIAL FOCUS ON COCHIN
2-3 DECEMBER 2014

REGISTRATION FORM
(Photocopy can also be used)

Name:.....
Occupation:.....
Address for Correspondence:.....
.....
.....
Contact No.:.....
Email:.....
Presenting Paper : Yes No
Student/Scholar Competition : Yes No
Details of Registration Fee: DD Bank Transfer
DD No.Date.....
Bank Transfer Receipt NoDate.....

Signature

Attestation by Head of the Department with seal for students

Filled in Registration Form along with DD drawn in favour of Principal, SH College payable at Ernakulam should be sent to the Organizing Secretary. Registration fee can also be paid through bank transfer; the details are:
Name of Bank: The Federal Bank Ltd
Branch: SH College Thevara Extn Count
IFSC Code: FDRL0001753
A/c No.: 17530100001012
Name of the A/c Holder: The Principal, Sacred Heart College

CALL FOR PAPERS

Papers are invited on any of the themes listed for presentation. Kindly submit an abstract of your proposed oral presentation by email word attachment to zoology@shcollege.ac.in. Please give at least 3 keywords at the end of the abstract. Participants can also come as delegates. A selected number of presented papers and invited papers will be published as Proceedings of the Seminar with ISBN No. Full length papers may be prepared in the format of the Heartian Journal of Pure and Applied Sciences (please visit www.shcollege.ac.in/Webpermission/Publications/Publications.aspx for instructions). Special cash award will be given to the best oral presentation both at the research (below age 35 years) and P.G. levels.

IMPORTANT DATES

Submission of abstract: 01.11.2014
Notification of selection of abstract: 08.11.2014
Submission of full paper: 25.11.2014

REGISTRATION FEE

Teachers, researchers & other professionals: Rs. 500.00
Research scholars: Rs. 300.00
Students: Rs. 200.00

PATRONS

Rev. Dr. Jose Kuriedath CMI (Manager)
Rev. Dr. Johnson Palackappillil CMI (Principal)

ADVISORY COMMITTEE

Rev. Dr. Jose John CMI (Vice Principal)
Dr. Samson Davis Padayatty (Controller of Examinations)

ORGANIZING COMMITTEE

Dr. M.K. Raju, HoD (Convenor)
Dr. Philip Mathew
Dr. P.C. Sebastian
Dr. T.J. James
Dr. Mathew M.J. (Organizing Secretary)
Prof. Jobin C. Tharian
Ms. Vishnupriya M.
Ms. Teena Jacob

Address for Correspondence

Dr. Mathew M.J.
Organizing Secretary, NSUEI-2014
Department of Zoology
Sacred Heart College, Thevara, Kochi-13, Kerala
Tel.: +91-484-4044420; +91 9447474648 (Mob)
Email: mathewmj@shcollege.ac.in | www.shcollege.ac.in



Department of Zoology
Sacred Heart College, Thevara
(Autonomous)

UGC Sponsored National Seminar ON

URBAN ENVIRONMENT ISSUES
WITH SPECIAL FOCUS ON
COCHIN



2 – 3 December 2014
Venue: Fr. Melesius Hall
Sacred Heart College Thevara, Kochi

INVITATION

Dear Colleagues,

With great pleasure we extend a warm welcome to you, on behalf of the organizing committee to participate in the National Seminar on "Urban Environment Issues – With Special Focus on Cochin". The seminar will provide a platform for all concerned to assemble and discuss the ecological problems faced by our urban areas, sustainable solutions to the various problems, as well as formulate action plans to improve urban environmental quality. Your presence and interaction in the seminar is solicited. Kindly forward this brochure to all.

SACRED HEART COLLEGE (AUTONOMOUS)

Sacred Heart College, Thevara, Kochi is a premier institution of higher education affiliated to the Mahatma Gandhi University, Kerala, India. Established in 1944 by the Carmelites of Mary Immaculate (CMI), a catholic religious order for men, the college aims at the fashioning of an enlightened society founded on a relentless pursuit of excellence and a secular outlook combined with a firm faith in God. Over the years, SH college has established itself as a frontrunner in the quest for excellence, both in the academic and co-curricular fields. The college was granted autonomous status by U.G.C. in June 2014. With its 14 undergraduate and 14 postgraduate programmes, and a range of diploma and certificate courses, the college has been in a quest to stay abreast of the ever expanding academic frontiers.

DEPARTMENT OF ZOOLOGY

Department of Zoology was established in 1952 with a B.Sc. degree programme under the Madras University. The M. Sc. programme was launched in 1959. The first batch itself achieved a remarkable record securing the 1st and 2nd ranks in the University. Since then, the department has maintained this good academic tradition. The department became a research centre in 1994 with ten approved research guides, five of them from other institutions. Advanced research in the fields such as Neurobiology of Ageing, Arachnology and Marine Biotechnology are the thrust areas of the research wing. In 2001, the department was selected for special funding under the FIST programme by the Department of Science and Technology, Govt. of India.

ABOUT THE SEMINAR

The Seminar is intended to invite the attention of academicians, scientists, policy makers, researchers, students and public to the problems concerned with the future of the place where they are living. The organizers also consider this as a rare opportunity for the students who are specializing in environmental science to interact with the experts and to think along with them to find practical solutions to some of the problems they are studying only at theoretical level in the class rooms.

FOCAL THEME OF THE SEMINAR

Urbanization is and will continue to be the source of a number of environmental challenges in the 21st century. With the majority of the world's population now living in urban areas, finding solutions to these challenges is more urgent than ever. Rapid, unplanned urban development is making burgeoning cities and their dwellers vulnerable to numerous environmental hazards, which could have costly impacts on basic services, infrastructure, housing, human livelihoods and health. Thus, as urban populations grow, more emphasis will have to be placed on good planning and on the quality of the urban environment.

The metropolitan city of Cochin is a fast growing urban area in the state of Kerala. Not only has it a glorious past as the economic capital of the state, it also has the potential to maintain this status in the future. The international airport, the Vallarpadam Transshipment Container Terminal, the Cochin Metro Project, the Smart City project, number of emerging commercial and trade centers, innumerable multi-storied apartments under construction etc have made the city a busy and active area comparable to some of the major cities in India and abroad.

These developments have occurred within a short span of time and have resulted in a number of problems such as lack of adequate infrastructure, inflow of people from other parts of the state as well as labour-class from other states of the country etc which have created some socio-economic problems. The ecological problems are overlooked to an alarming extent.

Cochin has its own ecological characteristics. Being at sea level it faces the problem of water logging during heavy monsoon period. Mosquitoes and water borne diseases are twin brothers of this place. The ever-increasing amount of solid wastes of the city dwellers and the inappropriate mechanism for its disposal has made the situation worse. The marshy areas in and around the city which actually act as the buffers of rainwater are rampantly being filled for construction activities at an alarming rate. Along with the promising future of economic development, the ecological crisis it might cause largely remains ignored.

In this scenario, the Zoology Department of Sacred Heart College, where environmental science is taught as the special subject, considers it as the duty to make known to all those concerned about the ecological crisis that the city could face in the near future. The seminar encourages to bring in all concerned to deliberate on the issues and bring out concrete suggestions to overcome the grave situation. Moreover, it is felt that the exercise would be an appropriate contribution to the society around it by an educational institution like this which has a proven track record of social commitment

OTHER THEMATIC AREAS FOR SUBMISSION OF PAPERS

- Urbanization, urban environment and land use: challenges and opportunities
- Population, urban development and environment
- Migration, regional inequality and impact on environment
- Urban biodiversity and conservation
- Urban biota as bio-indicators
- Human-wildlife conflicts in urban landscapes
- Role of parks, gardens, wastelands and wetlands in enhancing urban environmental quality
- Urban solid waste management: Environmental issues
- Urban water resource management
- Industrialization and its impact on urban environment
- Slums and their impact on environment

TARGET GROUP

Teachers, researches, students, policy makers, administrative authorities, journalists, NGOs, civic agencies, general public, etc.

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Additional Photos



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Attendance Sheets

National Seminar on Urban Environmental Issues with Special Focus on Cochin
REGISTRATION SHEET - STUDENTS

Sl. No.	Name	Class	Signature
30	Ajaggi Ajagya	II nd MSc Botany	
31	Jayalakshmi P.S	"	
32	Alisha Pinheiro	II M.C.S	
33	Susha Shaji	II M.C.S	
34	HEEBA HAMEED	II M.C.S	
35	Anna. A.T	I MSc AQUA	
36	Syamial P.S	I msc AQUA	
37	Arya. B	I msc AQUA	
38	Nimmy Silvestro	I MSc Aqua	
39	Jithin M.T	"	
40	Mary Andriya Rodrigues.	"	
41	Ashna Paul	"	
42	Anvina Raj	"	
43	Anagha. P	"	
44	Nibitha. U.G	"	



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**National Seminar on Urban Environmental Issues with Special
Focus on Cochin
REGISTRATION SHEET - STUDENTS**

Sl. No.	Name	Class	Signature
59	Simna. M.K	2 nd msc Aqua Culture	
60	Abinay Netto	2 nd MA Graphics	
61	Kiran Venattu	2 nd MA Graphics	
62	Anusba Paul	MEJ	
63	Devika V. Menon	meJ	
64	Sheena Joseph	meJ	
65	Gayatri Dinesh	meJ	
66	Aswathy G	"	
67	Priyatha Wilson	"	
68	Sherin Wilson	"	
69	Amal Prasanth	"	
70	Nimishamol Sasidaran	III B Com Taxation	
71	Chirpu James	"	
72	Sivangi V. Pai	"	
73	Jithin Johnson	III Dc Zoology	

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NATIONAL SEMINAR ON URBAN ENVIRONMENTAL ISSUES
WITH SPECIAL FOCUS ON COCHIN

REGISTRATION SHEET - TEACHERS

1. Shana Susan	Communication	<i>Shana Susan</i>
2. Dr. N. C. George	Aquaculture	<i>Dr. N. C. George</i>
3. Dr. K. V. Raju	Economics	<i>Dr. K. V. Raju</i>
4. Reshma V. A	Physics	<i>Reshma V. A</i>
5. Fr. Xavier. C.S	Malayalam	<i>Fr. Xavier. C.S</i>
6. TESSA MARY JOSE	COMMERCE	<i>Tessa M. J</i>
7. Jere Abraham	English	<i>Jere Abraham</i>
8. Syamkali. MS.	Hindi	<i>Syamkali. MS.</i>
9. Fr. Sabu Thomas	English	<i>Fr. Sabu Thomas</i>
10. Dr. Fr. Jose John	Botany	<i>Dr. Fr. Jose John</i>
11. Dr. Cibly Kuriakon	Botany	<i>Dr. Cibly Kuriakon</i>
12. DR. MINIPRIYA. R.	HINDI	<i>Dr. Minipriya. R.</i>
13. Shabarbar. C.H	Malayalam	<i>Shabarbar. C.H</i>
14. REGITHA BAIJU	Computer Science	<i>Regitha Baiju</i>
15. Achamma Cherian	"	<i>Achamma Cherian</i>
16. TRESSA SHYBE	"	<i>Tressa Shybe</i>
17. JISHA SOMAN	"	<i>Jisha Soman</i>
18. RENSI K RANJITH	"	<i>Rensi K Ranjith</i>
19. LAKSHMI PRIYA R	"	<i>Lakshmi Priya R</i>



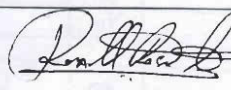
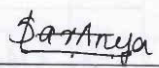
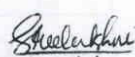



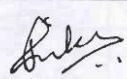

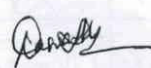

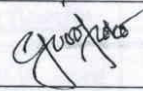


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Registration sheet - STAFF

20)	Dr. M. S. Francis	Botany.	Sam.
21)	Sibij Abraham	Economics	Sibij
22)	Dr. C. S. Francis	English	
23)	SANU VARGHESE	Commerce	V. Sanu
24)	Dr. Joseph John	Chemistry	Joseph
25)	Dr. M. K. Raju	Zoology	J. K.
26)	Dr. Samson Davis Padayatty	"	
27)	Dr. T. J. James	"	
28)	Dr. Sebastian. P. C.	"	
29)	Dr. M. J. Mathew	"	
30)	Mr. Jobin. C. Tharian	"	
31)	Ms. Teena James	"	
32)	Ms. Vishnupsriya. M	"	

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National Seminar on Urban Environmental Issues with Special Focus on Cochin
REGISTRATION SHEET - STUDENTS

Sl. No.	Name	Class	Signature
45,	Ronald Rose	I st MSc AFP	
46,	Saranya .o.c	"	
47.	Sreelakshmi . A . M	2 nd MSc. AQUA	
48,	Sreya Rajan	2 nd Msc. Aqua	
49,	Akhira . P . G .	2 nd Msc. Aqua	
50	Keerthi Somasaj	2 nd Msc - Aqua	
51,	Pinky . f . Basumatary	2 nd Msc - Aqua	
52,	Meevini Kuchii	2 nd Msc Aqua	
53,	Darandamalang L. Marthillay	2 nd Msc. Aqua	
54	Maia Kaynia	2 nd M. Sc. Aqua	
55,	Rosh Koj	2 nd M. Sc. Aqua .	
56,	PICKY DONALD WARNEIN	"	
57,	Priya . k	"	
58,	Mary Grace P J	"	