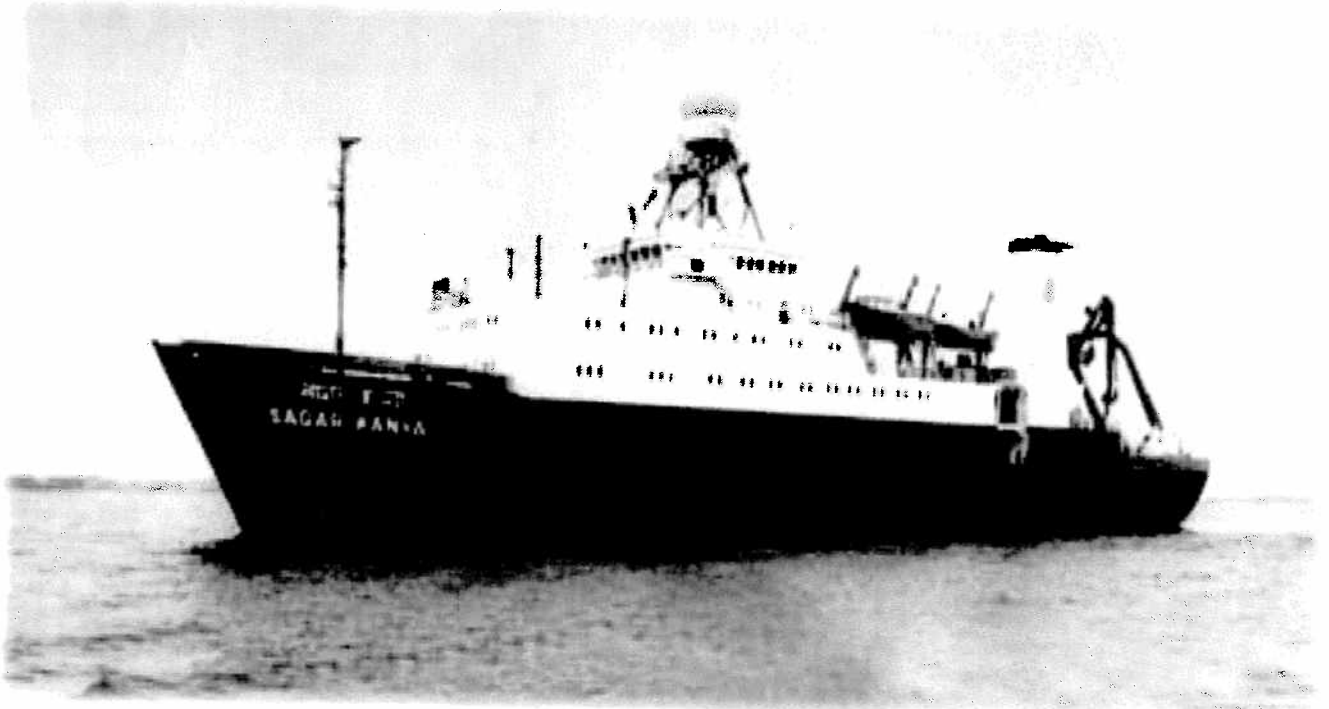


ORV SAGAR KANYA



CRUISE SK - 253

(16th December 2008 to 23rd December 2008)

Training /Acclimatization to students

NATIONAL CENTRE FOR ANTARCTIC & OCEAN RESEARCH

Headland Sada, Vasco-Da-Gama,

Goa-403804, India

Cruise SK-253

Departure Mormugao :- 16.12.2008 Time:- 17:00hrs

Arrival Chennai :- 23.12.2008 Time:-09:00hrs

Objectives:-

Training/ Acclimatization to students from ISM University, Bharthidasan University and Banaras Hindu University.

Participants:-

1. Mr. MM Subramaniam	NCAOR	Ch.Scientist
2. Dr.M.V.Ramesh	NCAOR	
3. Ms.Ashlesha Saxena	NCAOR	
4. Mr.Arnab Ghosh	ISMU	
5. Mr.Vishal Das	ISMU	
6. Mr.Anand Sindhu	ISMU	
7. Mr.Pawan Bharadwaj	ISMU	
8. Mr.Harshwardhan	ISMU	
9. Mr.Akshat Abhishek	ISMU	
10. Mr.Abhishek Panday	ISMU	
11. Mr.Salil Agarwal	ISMU	
12. Mr.Uday Bhan Rai	ISMU	
13. Mr.Biswas	ISMU	
14. Mr.Ambrish Khevnekar	ISMU	
15. Mr.Aneesh Tiwari	ISMU	
16. Mr.Greetharth Dutta	ISMU	
17. Dr.R.Rajaram	Bhartidasan Univ.	
18. Mr.B.Balaji	Bhartidasan Univ	
19. Mr.Darwin Devidas	Bhartidasan Univ	
20. Mr.P.Dinesh	Bhartidasan Univ	
21. Mr.Kartikeyen	Bhartidasan Univ	
22. Mr.K.Muthukumar	Bhartidasan Univ	
23. Mr.R.Nandkumar	Bhartidasan Univ	
24. Mr.R.Pandiyan	Bhartidasan Univ	
25. Mr.S.Vinodhkumar	Bhartidasan Univ	
26. Mr.Adarsh K Shrivastava	BHU	
27. Mr.Amerenda Kumar	BHU	
28. Mr.Sameer Shaikh	Ship Asst. NCAOR	
29. Mr.K.Madhusudan	NORINCO	
30. Mr.Vasantharaj	NORINCO	
31. Mr.K.R.Perumal	NORINCO	

- Norinco engineers and Shipboard Assistants continuing from previous cruise.
- ISM University students embarked onboard the vessel on 13.12.2008
- Bharathidasan University students embarked onboard on 15.12.2008
- All other participants embarked onboard on 16.12.2008

Vessel sailed out at 1700hrs/16.12.2008 as scheduled

16.12.2008 :- 2000hrs Conducted meeting for explaining dos and donts onboard while sailing and also safety precautions to be taken during the stay onboard.

17.12.2008 :-1000hrs Introductory brief to the students participants by Chief Scientist on the cruise activities followed by discussions. "Sagar Kanya" movie was screened.

Tours onboard in batches are arranged. Round the clock watch on Echosounder / Sub-Bottom Profiler being kept by students. Boat drill and Man overboard drill conducted by Master in the evening.

18.12.2008 :-

Sea is rough and most of the participants are not well. Daily presentations are being organised.

Presentations on 18.12.2008:-

- Introduction to Sagarkanya :- Subramaniam (NCAOR)
- Seismic Data :- Ambriash (ISMU)
- Study of structure of Earth with the help of seismology :- Salil Agarwal (ISMU)
- Earthquakes :-Akshat and Arnab (ISMU)

- Movie "Sagar Kanya" screened
- Gravity coring operation carried out at 1600hrs.

By evening sea became calm.

19.12.2008 ;

Sea is again for the whole day

Presentations on 19.12.2008

- Sagar Kanya instrumentation & sedimentological analyses. -Dr MV Ramesh
 - Coastal Ecosystem : Dr R Rajaram Bhartidarshan University
- Movie 'Antarctica aur Bharath' screened.

Sampling operations not carried out due to rough sea. Most of the students are not well.

20.12.2008 :

Today's presentations

- "Coral Biology" – B Nand kumar, Bhartidasan Univ.

- "Study of internal structure of earth using seismology"- Salil Agarwal, ISMU
- Magnetotellurics and other electromagnetic method used in geophysical exploration"- Vishal Das (ISMU)

21.12.2008 :

- "Tsunami": Abhishek Pandey, ISMU
- "Tsunami early warning system of India" : Mr subramaniam (NCAOR)
- Earth is interior : Harshvardhan, ISMU
- "History and technology developments in marine communication" : Haridasan Radio officer Sagar kanga.

Movie "understanding weather system": Windwaves & storms was played.

Fire fighting drill conducted in the evening.

22.12.2008 :

- Mangrove ecosystem- Balaji Prasad, Bhartidasan University.
- Introduction to Geodesy- Pawan Bhardwaj, ISMU.
- Crab culture: Darvin Davidas, BHU.
- Hotel management, food & beverage and table manners- Mr. Dias
- Atmosphere, ocean, landmass and plate tectonics theory - Dr. M.V. Ramesh (NCAOR)
- Sea food preservation- P. Dinesh, Bhartidasan University.
- Marine Mammals - Vinoth Kumar, Bhartidasan University
- Introduction to CLCS - Ms Ashlesha (NCAOR)

Movie: Adverse effects of alcohol consumption at sea.

23.12.2008 :

Carried out spade core operation in the morning

Arrived Chennai port at 0900 hrs and anchored, awaiting birthing notice from port.