K. Banerjee Center of Atmospheric & Ocean Studies

Institute of Interdisciplinary Studies,

University of Allahabad,

Allahabad, UP, INDIA

Participation history of the members of the KBCAOS *(at a glance)*

Targeted Training Activity	Title	Participation
1st TTA: 9-27 Aug 2004	Course on climate dynamics for Climate research centers and University lecturers	03 faculty members and 03 students
2nd TTA: 7-18 Aug 2006	Seasonal Predictability in Tropical Regions: Research and Applications	02 faculty members and 03 students
3rd TTA: 4-15 Aug 2008	Predictability in Tropical Regions to be followed by workshop on Multi-scale Predictions of the Asian and African Summer Monsoon	01 faculty member and 03 students
4th TTA: 2-13 Aug 2010	Statistical Methods in Seasonal Prediction	02 faculty member and 02 students
4th TTA: 30 Jul-10 Aug 2012	El Nino Southern Oscillation Monsoon in the Current and Future Climate during	04 faculty members and 02 students
5th TTA: 14-25 Jan 2013	Intraseasonal Monsoon Predictability and Prediction	02 students
6th TTA: 23 Jun-04 Jul 2014	Challenges in Monsoon Prediction	03 faculty members and 02 students

Present Affiliation of the participants of TTAs

Sr. No.	Name	Present Affiliation
1.	A. C. Pandey	Vice Chancellor, Bundelkhand University, Jhanshi
2.	Suneet Dwivedi	Associate Professor, KBCAOS, University of Alld.
3.	Shailendra Rai	Assistant Professor, KBCAOS, University of Alld.
4.	Anshu P. Mishra	Assistant Director, Central Water Commission, Delhi
5.	Vivek K. Pandey	Assistant Professor, KBCAOS, University of Alld.
6.	K. C. Tripathi	Assistant Professor in an Engg College at Ghaziabad
7.	Manish K. Joshi	Scientist 'C', IITM, Pune
8.	Ravi P. Shukla	Post Doctoral Scientist, COLA, USA
9.	Sudhir K. Singh	Assistant Professor, KBCAOS, University of Alld.
10.	Sandipan Mukherjee	Scientist 'C', G. B. Pant Institute of Himalayan Environment and Development, Almora, India
11.	Atul Srivastava, Anurag Kumar, Alok Mishra and Dhruva Pandey	PhD students

Project funding received:

➢ Currently 12 in number sponsored by Government agencies namely MoES, DST, UGC and ISRO with a funding to the tune of Rs. 400 Lacs.

➢ 12 projects were already completed successfully.

➢ Helped in:

❖ Infrastructural and computational development.

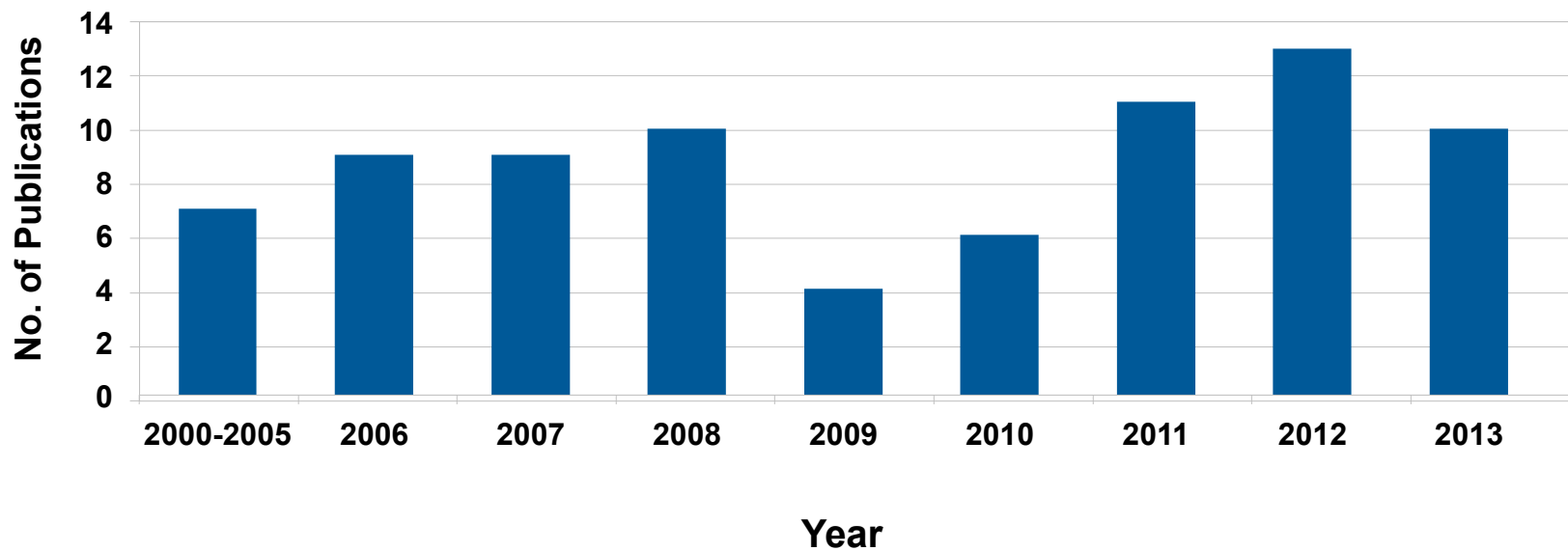❖ Capacity building with support to PhD and M. Tech. students.

Research and Technical Staff

- Project Scientist: 02

- Research Fellows: 17

- Technical Staff: 05

Publications in Refereed Journals: 80

State-of-the-art Computing Facilities are available

- **Linux High Performance Computing Cluster**
  - 18 nodes
  - 44 (36 * Intel Quad core) processors
  - Red Hat Enterprise Linux, version 4, update 5, kernel version 2.6
  - interconnected using 24 port infiniband switch

- **HP/IBM/SGI Workstations**

- **High-end IBM Servers with latest technology**

- **25 PCs with latest configuration**

Course Structure

❖ UGC Approved

  • 1 Professor

  • 2 Associate Professor

  • 4 Assistant Professor

❖ Integrated M. Tech/D.Phil. Programs started from July 2012.