



## Speakers Profile



**Pankaj Kumar Tewari**  
IRDA

Pankaj kumar Tewari is a Fellow member of Institute of Actuaries of India (FIAI) as well as Associate of Institute and Faculty of Actuaries, UK. He has also passed all examinations necessary for qualifying as fellow of Insurance Institute of India (III). He has over 20 years of experience ranging from Life Insurance, General Insurance and Health Insurance.

Currently he is working as Deputy Director with Insurance Regulatory & Development Authority (IRDA).

His current role involves examining product filings from various insurers in respect of General Insurance as well as Health insurance products. He is also part of decision making process in respect of product approvals related to GI and health Products.

**Topic:** Crop Insurance-schemes- A brief and developments

**Brief on Topic: The Speaker will cover the following Topics**

- Brief description about the Crop Insurance: International and National experience
- Regulatory provisions
- Peculiar nature of crop insurance
- Issues involved in the Pricing of crop Insurance Products
- Policy holder protection
- What more can be done?



**Dr. Nihar Jangle**

Dr. Nihar Jangle holds a PhD in mathematics from Free University Berlin. After his post-doctorate studies he joined a consulting company working in the financial industry in Germany. He is now the Project Leader for a multi-year intervention on micro insurance solutions for climate-related risks covering health, crop, livestock and natural catastrophe perils at the Micro Insurance Academy (MIA).

**Topic:** "Climate Cost of Cultivation": a method to quantify the cost to farmers of climate change, exemplified in rural India"

**Brief on Topic:** Climate variability is the major factor governing year-to-year fluctuations in crop productivity. Sustaining agriculture dependent livelihoods in the face of climate change demands an improved quantitative understanding of how climate variables impact agriculture both temporally and spatially. The quantification of risk will provide the base for location-specific climate change adaptation measures. This background motivated a study conducted in two blocks of Vaishali district, Bihar State, India, to develop a





## 2<sup>nd</sup> Workshop on Crop Insurance on 19<sup>th</sup> September, 2014

method for quantifying Climate Cost of Cultivation (CCC) in the agriculture sector. The method has been applied to maize (a rainy season crop) and wheat (a post-rainy season crop) in the study area and incorporates climatic and biophysical parameters.



**D. D. Dange**  
Regional Manager  
Agriculture Insurance Company of India Ltd., Regional Office-Mumbai

Mr. Dange is M.Sc. (Agriculture), Mahatma Phule Agriculture University, Rahuri & Professional Qualification:- FIII

Work Experience: - Joined as Administrative Officer in GIC-Re during the year 1999, Worked as Regional Manager of Ahmedabad RO, Bangalore RO and presently working as Regional Manager at Mumbai Regional Office of AIC OF INDIA Ltd. Work Areas:- Crop Insurance

**Topic:** Evolution & History of Indian Crop Insurance

**Brief on Topic:** Evolution/History of Crop Insurance in India, Characteristics of Indian Agriculture, risks in Crop Production, need of Crop Insurance, Challenges in implementation of Crop Insurance Schemes, Roles of stakeholders in implementation of Crop Insurance schemes, AIC of India, various Crop Insurance schemes, m NAIS and WBCIS: its scope, coverage and challenges.



**Tania Chakrabarti**  
Appointed Actuary  
Royal Sundaram General Insurance Company in India

Ms. Tania has been appointed actuary of Royal Sundaram with over 10 years experience in GI in India. Chairperson of Research advisory group of IAI. Have served in various committees of IRDA and IAI over the years covering wide ranging insurance industry issues. Speaker at various forums mostly covering actuarial topics.

**Topic:** Crop Insurance - An actuarial perspective



**Nympha Batra**  
Vice President  
Marsh India Insurance Brokers Pvt. Ltd.

Nympha Batra is currently serving as Vice President at Marsh India Insurance Brokers Pvt. Ltd. She leads the Guy Carpenter reinsurance business in India.





Marsh and Guy Carpenter are sister company's of the world's largest insurance/ reinsurance broking firm - Marsh & McLennan Group of Companies ("MMC"), listed on NYSE.

In her current role, Nymphae assists insurance company's and reinsurers in the Indian market with their reinsurance program design, structuring and advice across the property, casualty, agriculture and other specialized lines of business.

Prior to her current role, she has been a seed member in building and growing the Private Equity Merger & Acquisition practice in Marsh India, assisting Private Equity clients, their portfolio company's and large Indian Corporates risk management needs ranging from pre transactional due diligence to program structuring and insurance program design and placement.

Prior to joining Marsh India 10 years ago, she had prior experience of sales and business development in a leading IT based consulting firm in Mumbai.

Nymphae has completed her Advanced Strategic Management MBA from IMD, Switzerland and M.A. Economics from the University of Pune. She is a gold medalist in her graduation in Microbiology.

**Topic:** Crop Reinsurance- An insight

**Brief on Topic:** The session will provide an insight of Crop Reinsurance dynamics in India, the prevalent structures, nuances, and how Reinsurance plays a role in the pricing, portfolio management, capital requirements and market practices of Crop Insurers in India. Further, it will help audience to understand the skill sets they could consider while developing to pursue their careers in Crop Reinsurance and its intermediation in global brokerage firms.



**Dr. N. Chattopadhyay**  
Deputy Director General of Agricultural Meteorology,  
India Meteorological Department, Pune, India

Born on 16th January 1959, Dr. N. Chattopadhyay obtained his M.Sc. and Ph.D Degrees in Agriculture from Calcutta University. He is working as Deputy Director General Meteorology (Agrimet) at the India Meteorological Department, Agricultural Meteorology Division, Pune. He has published around 50 papers in reputed National

and International journals and reports. Dr. Chattopadhyay has been working in operational Agrometeorology for more than 20 years and has made outstanding contribution in the field of Agricultural Meteorology particularly on Agromet Services. He is effectively involved in the project "Gramin Krishi Mausam Seva" in the country" for the benefit of farmers. Under this project, efforts are being made to develop crop and location specific advisories and dissemination of the same in real time basis to the farmers at district/ block/village level.

Dr. Chattopadhyay has received various awards and honors like Noel Gold Medal for best paper in Agricultural Science in 1997, best poster presentation in Indian Science Congress in 2000, best paper in National Symposium on "Priorities and Strategies for Rice Research in the High Rainfall Tropics" in 2002. He is awarded Certificate of Merit for his outstanding contribution in the field of Atmospheric Sciences in 2008.





He is also a Member of Management Group of Commission of Agricultural Meteorology (CAgM) as Chairman of Open Panels of CAgM Experts and Co-coordinator of Expert Group on Agrometeorology for Regional association, World Meteorological Organisation (WMO), Geneva.

**Topic:** Agricultural Meteorology

