

Date: 26<sup>th</sup> August, 2015

Venue: The Plazzio Hotel, Gurgaon

Timings: 0830am to 0430 pm

## Speakers Profile

### **C. Srinivasa Kumar**

#### **IRDA**

C. Srinivasa Kumar is a Fellow of Institute of Actuaries of India and Fellow of Insurance Institute of India. He is the co-author of two books titled "Actuarial aspects of Life Insurance, Life Insurance Principles and Practice" published by Cengage Publications. He is also co-author of Health Insurance book published by Insurance Institute of India.

Presently he is working with Insurance Regulatory and Development Authority of India (IRDA of India) as Deputy Director. Before joining IRDA, he worked in the Actuarial Department of Life Insurance Corporation of India. He is having about two and half decades of experience in life insurance industry. He is also involved in various academic activities as a Research Associate of National Insurance Academy. Presented papers in few Global conferences of Actuaries, presented papers in different seminars conducted by NIA, Pune.

### **Swati Bajaj**

#### **IRDA**

Swati Bajaj is a Hons. Graduate in Mathematics and Post Graduate in Operational research from Delhi University. She is a student member of IAI and has passed 9 papers. She is having 7yrs of working experience including 4yrs in IRDAI and Insurance Information Bureau as Assistant Director. She was involved in pension valuation from AON HEWITT

### **M. Geeta**

#### **IRDA**

M. Geeta is a Fellow of Insurance Institute of India and is all India topper in two papers. She is a student member of IAI and has passed 8 papers. She recently joined IRDAI on deputation. She is having about 23 years of experience in LIC.



### **Debashish Banerjee**

#### **Director**

#### **Deloitte Consulting India Pvt. Ltd.**

Debashish has more than 15 years of experience in variety of actuarial and analytics projects. Most of his contribution is in the advanced analytics, actuarial, data mining and predictive modeling space. He started his career with GE and was instrumental in establishing and leading the non-life reinsurance pricing and actuarial team for GE Insurance in India. Deba was looking after the pricing teams in India and slowly expanded his technical skills to oversee the reserving practices. He was awarded the most prestigious "Summit Award" by GE. He moved to Deloitte in 2005 with the primary goal to set up the actuarial and advanced analytics practice in India. He is instrumental in creating some of the best practices within the actuarial and analytics groups in Deloitte. Deba has contributed heavily in cross service line integration and contributed towards building the new service offerings & tools on workforce planning, underwriting and claims modeling, retention analytics, consumer analytics and business simulation game. He is overseeing and providing leadership to the Deloitte Actuarial and Analytics offerings. He has bachelors and masters degrees in statistics from Indian Statistical Institute, Kolkata.

**Topic:** Application of Predictive Modeling in Detecting Fraud ....

**Brief on Topic:** Like finding a needle in a haystack...

We are drowning in the barrage of data that is being collected world-wide, while starving for knowledge at the same time. Despite the enormous amount of data, particular events of interest are still quite rare. Modeling rare events is not uncommon in practice. Network intrusion detection, Credit card fraud detection, Medical diagnostics are some of the common applications of rare classes. We often need to build models to detect the same. There is no one correct or complete approach to detect fraud but the best way is to use a combination of Supervised and Unsupervised techniques to maximize the prediction power and thus prevent Fraud.



**David Muiry,**  
**Chief Commercial Actuary**  
Bupa

David joined Bupa in May 2015 as Chief Commercial Actuary, in which role he provides global leadership on commercial and strategic, actuarial matters. He has nearly 25 years' global experience in life and health insurance, mostly with reinsurer Swiss Re, latterly as its Head of

Global Health.

**Topic:** Pricing related matters in Health Insurance: Target Loss Ratio & Regular Rate Revision

**Brief on Topic:** This session will explore various practical, actuarial matters related to the pricing and portfolio steering of health insurance business.



**Arjun Kumar Kanduri**  
**Vice President - Product Actuary**  
Swiss Re

Arjun joined Swiss Re in 2013. Before joining Swiss Re, He worked as a chief Actuary for Bharti AXA General insurance company and was involved in product development, GLM pricing and Regulatory reporting.

Before moving back to India, he has 6 years of experience in investment trading desk functions hedging variable Annuities in US and Canada. He also worked on Variable annuity pricing, valuation and risk management functions. He is a Fellow Actuary from SOA in 2010. His current role relates to medical business product design, pricing, experience analysis and data analytics. His current areas of expertise includes GLM and product innovation.

**Topic:** Pre-existing disease cover; learning's from International markets

**Brief on Topic:** Indian medical insurance landscape offers huge opportunities for those who insightfully handles enormous challenges it presents to us. One of the challenges whose understanding facilitates solutions is Pre-existing conditions (PEC). A sense of direction from regulators view from its recent guidelines and circulars on this topic is known and discussed within the industry intellectual bodies. The idea of this session is to know how the rest of the world perceives the PEC in the medical insurance arena. We follow the session on how the PEC leads to different outcomes due to different Universal health care designs in different countries. At this point, we look at India in particular and foresee the effect of the PEC from the existing and likely implementable designs. Finally, we also look at the best practices in dealing with PEC in the areas of pricing and product design.



**Joydeep Saha**  
**Appointed Actuary,**  
Religare Health Insurance Co. Ltd

Joydeep has got 13 years of overall work experience in the field of Primary insurance business (Health & General Insurance) and Reinsurance. Apart from Actuarial function, he has managed Underwriting, Product development, Analytics and Claim functions as well. He is currently working as Appointed Actuary with Religare Health Insurance Company Limited.

**Topic:** Issues to consider in health insurance pricing and reserving – Setting Assumptions & Diagnostic Tests

**Brief on Topic:** It is aimed to sensitize Actuarial professionals regarding some important factors while carrying out pricing exercise for Health Indemnity Product. It also presents few diagnostic tests which may be conducted to assess any change in claim settlement process which is important to understand in the context of choosing developing factors using chain-ladder methodology for the purpose of determining IBNR estimate.