



Institute of Actuaries of India

Statutory body established under an Act of Parliament

Unit No. F-206, 2nd Floor, F Wing, Tower II, Seawoods Grand Central,
Plot no R-1, Sector 40, Nerul Road, Navi Mumbai - 400706
+91 22 6243 3333 +91 22 6243 3322

2nd Seminar on Banking, Finance & Investment 22nd May, 2019, Wednesday Mumbai Speakers Profile

Session 7: Panel Discussion on Risk Management in Indian Banking Sector
Moderator: Sunil Sharma



Sunil Sharma,
President
Institute of Actuaries of India

Sunil Sharma is President of the Institute of Actuaries of India. Sunil is a Fellow member of Institute of Actuaries of India (FIAI) and Fellow member of Institute and Faculty of Actuaries, UK (FIA). With over 29 years of diversified experience in the Life and Health insurance and reinsurance sector, Sunil has worked across India, USA, UK and Singapore. Sunil Sharma is currently the Appointed Actuary and the Chief Risk Officer for Kotak Mahindra Life Insurance Company India Ltd. Prior to joining Kotak Life, he has worked in various positions with ICICI Prudential Life, Swiss Re, GE Financial Assurance Holdings, Inc. and Life Insurance Corporation of India. Sunil proactively contributes his domain knowledge and expertise to the industry. He has been a regular speaker on various forums like Global Conference of Actuaries, Seminars conducted by CII and other industry bodies. Before being elected as President of IAI, he has served the IAI Council in various capacities. Earlier, as the Chairperson of Wider Field Committee (WFC) he envisioned creating opportunities for actuarial personnel, specifically for students, in areas other than traditional insurance and pension areas. He endeavor to grow the profession beyond the traditional areas, increase rapport and forge stronger connect with Actuarial profession globally and better coordination with Insurance, Pension and Market regulators.

Session 1: Role of Actuaries in Banking Sector in India
Presented By: Raminder Pal Singh Bagri



Raminder Pal Singh Bagri
Deputy General Manager
Canara Bank

Raminder has Two decades on experience in Banking in the field of Corporate Credit, Project Finance, International Operations, Operational Banking and Risk Management. Currently he is working as Deputy General Manager, Risk Management Wing, Canara Bank



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Session 2: Investment Actuarial Profession - An international perspective Presented By: Mahidhara Davangere V



Mahidhara Davangere V.
Founder & Managing Director
Pramartha

He is currently the Founder and Managing Director of **Pramartha** - an Actuarial Risk Management and consulting firm Head quartered in Bangalore, India with offices in Malaysia, South Africa, UAE, and US. He focuses on the wider applications of Actuarial Science like Data Science, Analytics Finance and Investment. I have been advising Venture Capitalists and Angel Investors on exit planning using various actuarial risk modelling techniques. Prior to this Mahidhara have over 14 years of experience in Research and financial valuation covering industries like Banking, Insurance and financial sectors across India, Australia South Africa and other emerging African markets. Prior to starting his own firm, Mahidhara worked in Citi Bank, Ocwen financials and Atom Funds Management. Graduated BSc in Physics, Mathematics and Computer Science from Bangalore University and pursued MBA from Christ University. Subsequently I also pursued MSc in Mathematics and Masters in Finance and Control (MFC), later introduced to the field of Actuarial Science which I found very interesting, Qualified Associate Actuary from IFoA in 2013. He is also the Associate Actuary of Institute of Actuaries of India.

Professional Work

International Actuarial Association (IAA), Member of Big Data Working Group, since June 2017 IFoA Finance and Investment Board, International Member (International strategy and Promotion) since 2015 and Chair for their Global Strategy Working Party. Chairman, Working Group on Wider Areas of Actuarial Science, Institute of Actuaries of India. Secretary of Actuarial Consulting Congress of Asia (ACCA) a sub-committee of International Actuarial Association (IAA). Marker for Financial Economics, CT8 and Modelling and Documentation CA2, in Institute of Actuaries of India since 2014. Volunteer Member of Work stream 3 in MAID Working Party, Member of TAS 100 Working Party on behalf of the Finance and Investment Board, IFoA. Speaker at IFoA Asia Conference 2016, Kuala Lumpur, IFoA Asia Conference in 2017, Hong Kong, IFoA Asia conference 2018, Bangkok, South Asian Actuarial Conference, Columbo June 2017.

Other Advisory Roles

Mathematical Advisor in Scientific Review Committee, a National level Committee set up by Department of Science and Technology, Government of India. Regional Co-ordinator for ASEAN Countries and Bangladesh during Indian Science Congress 2014.

Session 3: Risk assessment using stochastic modelling in today's dynamic environment Presented By: Prerna Nagpal



Prerna Nagpal, FIA, FIAI, CFA(ICFAI), MS(Finance)
Senior Consultant, Investments
Calibration Lead - STAR ESG RW
Willis Towers Watson



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Perna is a Fellow of the Institute of Actuaries, UK and Institute of Actuaries of India. She leads the India Investment practice of Willis Towers Watson and delivers various projects and advisory assignments across India, UK, US, Australia, Germany, Japan and other regional markets. Perna is the Calibration Lead for the WTW STAR Real World ESG that covers over 27 economies and all major macroeconomic indicators. She is a member of the advisory group on Banking, Finance and Investments formed by The Institute of Actuaries of India.

Session 4: Application of Econometric Models in the US Banking Industry: An introduction to CCAR”
Presented By: Yash Ratan Pal



Yash Ratanpal
Manager - Quant, Risk & Finance
Acies Consulting LLP

Yash is a non-traditional actuary who has served clients across the global BFSI industry (Americas, EMEA & APAC) in areas such as Quantitative Risk Management, Predictive Modelling, Derivative Pricing, and Financial Technology. He has worked with leading banks and financial conglomerates to design and validate quantitative risk models for regulatory compliance and internal decision making. He has robust knowledge of financial regulations such as CCAR & DFAST, Basel II & III, IFRS 9 and IRRBB. He is one of the founding members of Acies Consulting LLP. In his previous role, he was part of the quantitative risk advisory practice of one of the largest consulting firms in India. He is an associate member of the Institute of Actuaries of India (IAI), holds a bachelor's degree in Financial Markets and is eligible to be a Chartered Enterprise Risk Actuary (CERA). He is also a Committee member of the Wider Fields Group - Risk Management, IFOA, UK.

Session 6: Fundamental Review of Trading Book (FRTB): Overview and challenges
Presented By: Chinnaraja C



Chinnaraja C
Director - Risk methodology
UBS

Chinnaraja is a CQF holder, Fellow Actuary with specialization in Finance and Investment and Chartered Enterprise Risk Actuary (CERA) from Institute of Actuaries of India. He is the Secretary of Advisory Group on Banking, Finance and Investment and currently works with Investment bank, UBS in Market Risk Methodology. He has nearly fourteen years of experience in Credit and Market risk management. He also worked with Nomura within the Quant risk domain and National Stock Exchange of India where he had significantly contributed in the development of Volatility Index, India VIX and Cross margining system. Also Published articles related to volatility index with the Institute and Faculty of Actuaries (IFoA). He is also a holder of FRM and PRM certification.



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Session 7: Panel Discussion on Risk Management in Indian Banking Sector

Speakers: Kuntal Sur



Kuntal Sur
Partner - Financial Risk and Regulation Leader
PWC

Kuntal has over 22 years of experience across 14 countries as an Economist, Banker and Risk Management Consultant with number of leading financial institutions and corporate on risk strategy and governance, analytics & Basel issues. He is also advising corporate on Currency & commodity risk management, hedge strategy, hedge instruments and pricing. His clients includes international organization like - GS, Citi , Credit Suisse, ANZ, RBS, Deutsche , NAB; Domestic institutions ICICI , HDFC Bank, I-pru, Kotak Bank, Federal, ING, PNB, Bol, Edelweiss, Reliance Capital, Tata Tele, Reliance Power, Wipro, MU, Vedanta, Snapdeal, Olam. He Managed cross functional implementation and sales team for India, ASEAN, UK, Middle East and Africa markets, Authored a chapter in a book “Managing Illiquid Assets: Perspectives and Challenges” published by Risk Books, London. He Lead a team for Basel advanced approach implementations for nine banks in India and the region, covering credit, market, operational and pillar II risks. Guiding banks to get supervisory approvals. He has developed treasury and risk framework for four specialized banks and two foreign bank branches in India. Lead the team in capital planning, strategy and risk appetite for several Indian and international banks. Stress testing for regulatory capital & profitability. Developing & validating retail, SMEs and wholesale credit models and policy & processes around the same. Estimation of credit risk parameters like PD, LGD, EAD. Development of retail pools and developing Loss data, RCSA and KRI frameworks and Alternate Credit decision’s modelling, setting up new treasury, treasury automations, & ALM, liquidity policy development banks/ NBFCs. LCR/NSFR/ILAAP. Market risk capital & assisting in supervisory reviews. He has also worked towards valuation of OTC derivatives and fixed income instruments. Convertible bonds, structured products, VaR modelling and supervisory approvals ECL modeling, Collection and persistence analytics, IFRS 17 impact assessment and investment risk management Technology Experience. He Lead a team of business analyst and programmer on developing different Basel modules through SOA architecture, supervising testing. Lead implementation of risk and treasury solutions Banking & Rating Experience. Worked in corporate banking group of a leading private sector bank in India in both PF and Fixed Income Markets Rating analyst for FS sector



Shri M P Baliga
Senior Program Director
Reserve Bank of India

M P Baliga is currently a Senior Program Director at the Centre for Advanced Financial Research and Learning which is promoted by the Reserve Bank of India. Prior to joining CAFRAL he worked at Reserve Bank of India for more than three decades in various capacities. His last assignment was at the level of General Manager in the Banking Policy Division of Department of Banking Operations and Development from June 2008 to May 2014. He has 15 years of experience in banking regulation and supervision and was involved with onsite inspection of many banks in India. He was a Member of Faculty with the Bankers Training College, Reserve Bank of India for five years. His broad areas of specialization in teaching were in banking regulation, banking supervision and risk management. He has conducted many programs for senior bankers at various places in



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India and overseas. He was nominated by the Reserve Bank of India as a Member of the Working Group on Liquidity of Basel Committee on Banking Supervision during the period 2010 to 2014. After his stint in Reserve Bank of India got over in May 2014, he joined CAFRAL as a Program Director in June 2014. He has a Masters Degree in Financial Management from Jamnalal Bajaj Institute of Management Studies, Mumbai, India and is a Certified Associate of Indian Institute of Bankers.



G Srinivas
Chief Risk Officer
ICICI Bank

Srinivas has been working with ICICI Bank for the past 25 years, of which 21 years has been in the area of risk management. He has worked across all major risk management areas including credit, market, operational risk, information security, risk reporting, formulation of risk appetite and ICAAP. He is currently the Chief Risk Officer at ICICI Bank. Srinivas is a Bachelor of Technology (Electrical Engineering) from Indian Institute of Technology and holds Post Graduate Diploma in Business Management from Indian Institute of Management, Lucknow.