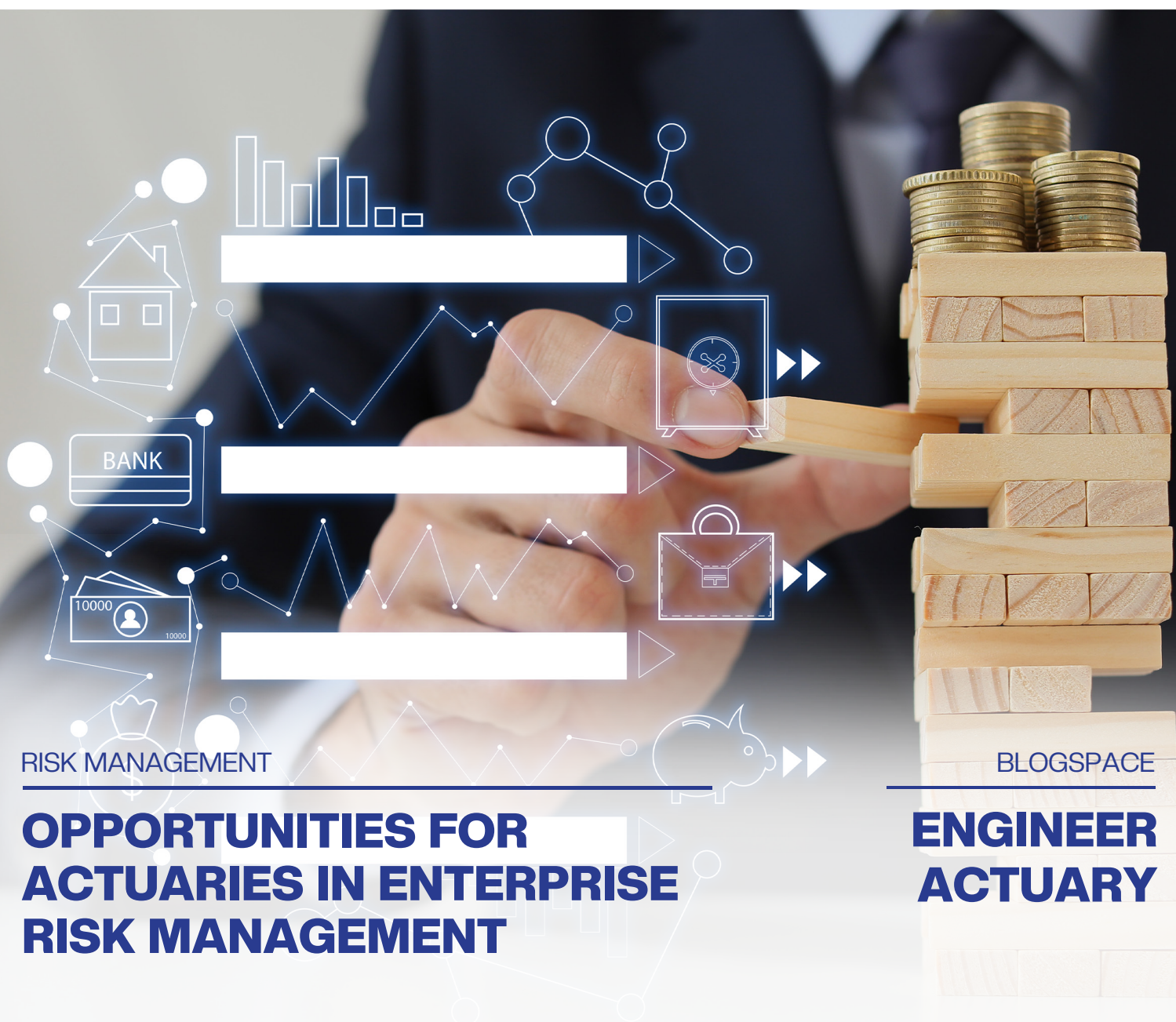




The Actuary India

Magazine of the Institute of Actuaries of India

December 2022



RISK MANAGEMENT

OPPORTUNITIES FOR ACTUARIES IN ENTERPRISE RISK MANAGEMENT

RISK MANAGEMENT

FUTURE RETAIL: RISK MANAGEMENT FAILURES & CAUSES OF MELTDOWN

BLOGSPACE

ENGINEER ACTUARY

HEALTH INSURANCE

WHITE PAPER: DATA SCIENCE- TRANSFORMING HEALTH INSURANCE

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Features

White paper: Data science- Transforming health insurance

Read more as **Monoj, Jaiwardhan, Yogita, Sumit, Ritu** and **Kavya** discuss how data science techniques are being employed in the health insurance industry.

Opportunities for actuaries in Enterprise Risk Management

Sonjai Kumar explains how actuaries can leverage their existing expertise in supplementing the ERM process.

Future retail: Risk management failures and causes of meltdown

Dipika Gupta explores the risk management failures that contributed to the downfall of the Indian conglomerate Future Group.

The effective management of risk depends on the human factor!

Horst Simon highlights the human factor in the risk management process & explores how best to build a risk culture within the organisation.

Engineer Actuary

Sateesh Bhat talks about how actuarial science & engineering are interrelated and shares his experiences as one such "engineer actuary".

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Events

Get a synopsis of IAI events and webinars reported by various dedicated actuaries and students.

● [8th webinar on risk management](#)

● [12th webinar on data science & analytics](#)



Trivia

A cozy nook to share actuarial (or mathematical) trivia, history, and other nuggets of information to spill over tea.

● [Random number before modern computers](#)



Humour

A light-hearted take on the hopes, trials, tribulations and perhaps even foibles of everyday actuaries in their everyday lives.



Puzzles

Take a break and enjoy a brain teaser with this hangman-style puzzle by puzzle- master **Kathan Jain**.

● [Reviewing risk](#)

Job listings

GLOBAL RISK CONSULTANTS



Global Risk Consultants (GRC) is an Actuarial Consulting Partnership Firm established in India in 2015. Since its incorporation, GRC has had impressive growth whilst maintaining uncompromising quality standards. With its clients spread across Asia, Middle East, Africa & Europe; GRC has been offering consulting services in the areas of Life, Non-Life, Health, Re-insurance, Employee and Other Benefits.

GLIMPSE OF OUR SERVICE OFFERINGS:

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Regulatory Reporting/Appointed Actuary Services:

Valuation of policyholder liabilities, preparation of regulatory & financial condition reports, claims adequacy assessment, peer review, scenario & stress testing, re-insurance adequacy & sufficiency assessment, retro-cession arrangement & risk retention analysis, claims experience analysis.

Implementation of IFRS 17:

Gap analysis, financial impact assessment, implementation planning, implementation & dry run, support services covering actuarial, accounting, IT & finance, capital modelling and business strategy.

Actuarial Services as part of Insurance Audit under International Standard on Auditing (ISA 620): Valuation of Policyholder Liabilities.

Product Designing and pricing:

Product design in compliance with the Regulatory Requirements, Target market and market benchmark, building robust Pricing Models, Regulatory Filing and Reporting, Experience monitoring and management, Premium Adequacy Assessment, Re-pricing of existing products to meet underlying Regulatory Compliance.

Capital Management and Business Strategy:

Projection of capital requirements, assessment of economic capital/risk based capital, impact analysis of new products on capital requirement, solvency assessment and risk management.

Merger/Acquisition/New entrants:

Assessment of fair value of business, Actuarial due diligence, Financial due diligence, Commercial due diligence, Assisting in discussion with the buyer/seller, Feasibility and Viability studies.

PENSION & EMPLOYEE BENEFITS COVERING:

Compliance Reporting:

Certified reports as per IAS 19 (Revised 2011) & US GAAP (ASC 715), Due diligence and consulting on accounting framework, merger, acquisitions, and takeovers, accounting for cost of benefits.

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Determine the cost impact of introduction of new plans and benefits, benchmark existing Defined benefit (DB) plans with the general market, Scheme design and alteration from Defined Benefit to Defined Contribution conversion, analysis of cost v/s benefit.

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Actuarial valuations for assessing funding level, derive contribution rates of funded plans for adequacy and better financial management and financial planning, advice cost implications of changes in policy from an HR & compliance perspective.

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Gratuity, Leave Encashment, Long Service Award, Long Term Incentives, Employee Stock Ownership Plans (ESOP), Corporate Defined Benefit and State Sponsored Pension Plans.

WE ARE REACHABLE AT

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December 2022

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Role: Appointed Actuary

Salary Information: Industry Standards

Level: Grade 12 B

Job Location: Hyderabad / New Delhi, India

Reports to: Chief Executive Officer

No of Open Roles: 1

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26th January 2023

Our Team



Kunj Behari Maheshwari

Chief editor

Kunj Behari Maheshwari is a partner at Willis Towers Watson Actuarial Advisory LLP and the Head of Life Insurance consulting for India and Sri Lanka within WTW's Insurance Consulting and Technology division.

He is passionate about actuarial work, research and volunteers regularly towards initiatives at the IAI. He enjoys swimming and being outdoors.



Prakhar Mody

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Prakhar is a qualified actuary with extensive experience in financial risk management and technology transformations having worked with banks, insurers, financial institutions and corporate clients across the globe.

He is also an avid gamer with an interest in fictional novels and trekking



Anirudh Bansal

Editor

Anirudh is the founder of InsurTech Actuary and is a General Insurance Actuary. He is passionate about microinsurance, innovation and InsurTech startups.



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Rajeshwarie Iyer is working as the VP, Head Specialty Bangalore for SwissRe Global Business Solutions. She is a Fellow of the Institute of Actuaries of India and the Institute and Faculty of Actuaries UK. Rajeshwarie has worked in General Insurance in reserving, pricing and regulatory reporting and is currently underwriting reinsurance.

She volunteers actively for the profession and is a classical dancer who enjoys swimming, blogging and reading



Kathan Jain

Editor

Kathan works at Ankolekar & Co. as a senior associate. He's obsessed with food and enjoys binge-watching & solving puzzles in his free time.

The Institute of Actuaries of India (IAI) is a statutory body established under The Actuaries Act 2006 (35 of 2006) for regulating the profession of Actuaries in India. The provisions of the said Act have come into force from the 10th day of November 2006, in terms of the notification dated 8th November 2006, issued by the Government of India in the Ministry of Finance, Department of Economic Affairs.

The Actuary India is the flagship magazine of the IAI that has been in publication for over two decades. We aim to provide our members and the larger actuarial community a platform to connect, exchange views and promote thought-leadership and research beneficial to the profession.