



Life Insurance Consulting & Advisory Services

Who we are?



AARC is a team of professionals who help you find solutions to your Actuarial, Analytics and Risk challenges.

We believe in adding value to your growth by tailoring efficient solutions to your needs, while ensuring integrity and best practices.

We provide customized service & excellent support to our clients & build strong relationships by bringing a positive impact.

Our endeavor is to ensure the efficient estimation and management of your liabilities, while containing the cost.

Our strength lies in the diverse experience of more than 20 years of our team in both Indian and overseas market.

Our uniqueness – we combine analytical approach and actuarial techniques and find the best possible solution.



Our Services

Business Planning & Strategy

- ✓ Assist in preparing a **Strategy for Business Growth** based on experience analysis, competitor study and market analysis amalgamated with Management Vision
- ✓ Prepare **Business Plan model to project Financials** and Assist Management

Product Designing & Pricing

- ✓ Product Design Advise based on **thorough market research** of Competitors, **Customer needs & Financial Viability** of the product
- ✓ **Competitive Pricing** of the products using robust Actuarial technique

Experience Analysis & Assumption Setting

- ✓ Study and Analyze the experience of your organization for **Lapse, Surrender, Paid-Ups, Expense, Mortality, Morbidity, Loss Ratios** etc.
- ✓ Based on the Analysis, assistance in **setting up assumptions** for purposes such as Pricing, Valuation of liabilities, Financial Reporting etc.

Market Research & Filing

- ✓ Market research of - competitors' product suite, customer needs, latest trends, etc.
- ✓ **Preparation and Assistance** in the **Regulatory Filing** procedure of Products.

Process Audit & Review

- ✓ **Processes Audit** to close/hedge loopholes
- ✓ **Support to the management** to ensure **Best practices**

Reserving & Capital Modelling

- ✓ Preparation of **Reserving models (Prophet and Excel)** for Statutory Valuation as well as for Internal reporting
- ✓ **Capital projection models**

Statutory Reporting

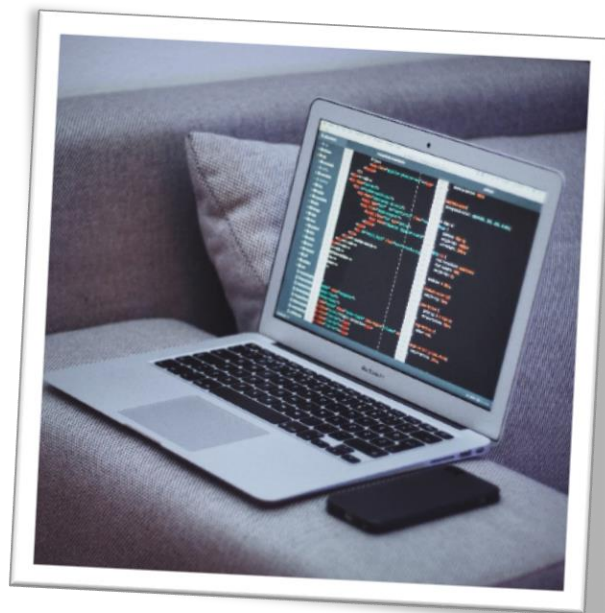
- ✓ Assistance in preparing **Statutory Reports viz. Valuation Reports, Solvency Reports, ALM, Economic Capital, Analysis of Surplus Financial Condition Report** etc.
- ✓ Review of **Statutory Reports, Valuation methodology and processes**

Prophet, Excel & VBA Modelling

- ✓ **Expertise in Excel, Prophet & VBA Modelling**
- ✓ **Detailed documentation and thorough testing** of the models & methodology
Accurate in cashflow projections to ensure appropriate valuation

Risk & Asset - Liability Management

- ✓ Study and Analyze the experience of your organization for **Lapse, Surrender, Paid-Ups, Expense, Mortality, Morbidity, Loss Ratios** etc.
- ✓ Based on the Analysis, assistance in **setting up assumptions** for purposes such as Pricing, Valuation of liabilities, Financial Reporting etc.



Financial Reporting- EV, MCEV & Solvency II

- ✓ Financial reporting – Reserves, **RBC, Solvency**.
- ✓ Assistance and review of **Financial Reporting Process**

Economic Capital Modelling & Cost of Guarantee

- ✓ Vast expertise in Economic capital or **Risk based capital (RBC) modelling** for various companies globally.
- ✓ Expertise in calculation of **Cost of Guarantee** for non-participating, participating & linked businesses

Deterministic Analysis for Regular MIS

- ✓ Deterministic Analysis for Regular MIS reporting
- ✓ Setting up **Regular Reporting Dashboards** for determining Sales, Marketing, Finance, etc. performance

Man-power support/secondment of highly skilled resources

- ✓ Actuarial man power support provided on need basis and helps to **meet cyclical work demands**
- ✓ **Addresses resource need and manage cost** in Initial days of Setting up of Actuarial team

Data Systems & Standardization

- ✓ Data is an **asset build today** to reap **enormous benefits in future**
- ✓ Provide guidance in **setting up Standard data systems**
- ✓ Standardization of IT data formats & Actuarial data reports

Hiring/Building Teams

- ✓ Help you hire the right talent as per your work requirement from shortlisting candidates to interviewing and recommending



IT & Other Operational Efficiencies

- ✓ **Improving operational efficiencies** has been a hallmark of our Principal Actuary
- ✓ Vast experience in liaising with IT for setting up products and Actuarial systems

Analytics for Life Insurance



- ✓ Predictive Analysis to understand the **Market needs and design the product** accordingly, to help **boost in sales**
- ✓ Predictive Analysis of the behavior of policies already written to help **better claim management**
- ✓ **Web Crawling: Using Advance Data Science Techniques** to help you **reduce manual efforts** to **gather market data and information** for e.g. product details and prices of competitor



Yogita Arora, FIAI

Principal & Consulting Actuary | AARC

Appointed Actuary | ECGC Ltd.



Nikita Bagaria

Actuarial Analyst | AARC



Sanyam Tayal

Actuarial Analyst | AARC

Actuarial Analytics & Risk Consultants

Expertise – Efficiency – Integrity – Add Value – Best Practice

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