

## ORMAE New Zealand proudly presents

Dr Amit Garg



### How can optimisation, data science, AI, and mathematical algorithms make your business thrive?

We are proud to introduce to New Zealand a multi-talented and distinguished international speaker from Bangalore, the Silicon Valley of India.



**Dr. Amit Garg** is a Guinness world record holder in mathematics as well as the CEO & founder of ORMAE - Operations Research, Machine Learning and Analytics Experts. ORMAE is fast growing and has now subsidiaries in the US, India, Middle East, and New Zealand. Dr. Amit has a PhD in Operations Research with 10 years of experience working as a scientist in the US and helping Fortune 500 companies like Amazon to multimillion dollar savings.

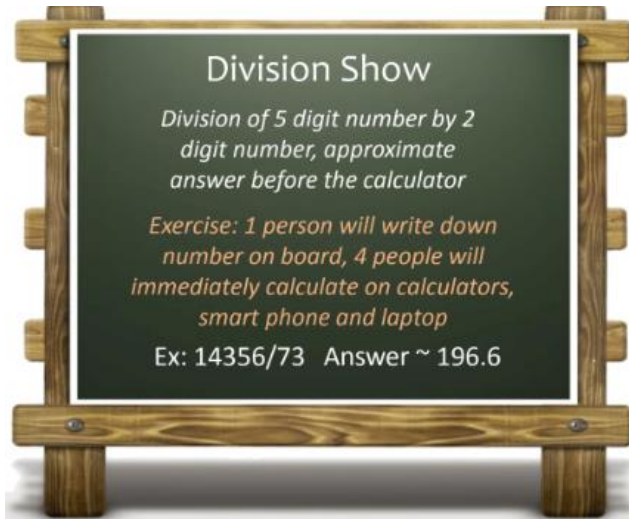
**This is a unique opportunity** to hear from a leader in his field how Operations Research, technology and a team of very smart people take on complex business challenges to drive efficiencies and substantial savings for their clients.

- Be inspired and entertained by a showcase of Dr Amit's mathematical abilities.
- Hear about how he helped his clients save in millions

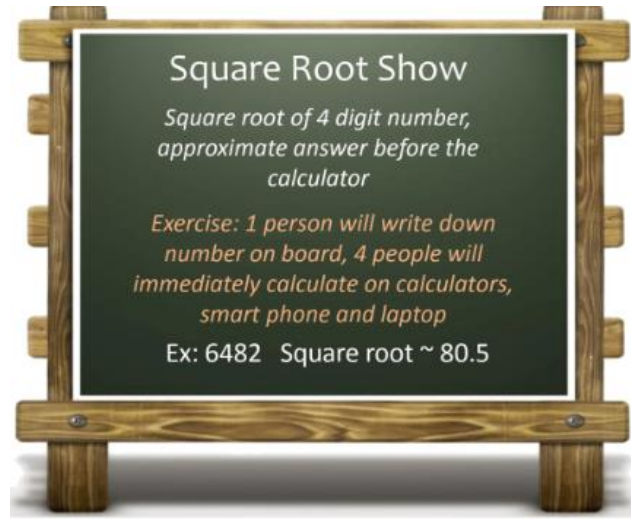
**For more information:** Stefan Doll, Director ORMAE New Zealand, +64 27 6814703, [stefan@ormae.com](mailto:stefan@ormae.com)

## Math Calculation Show and Techniques.

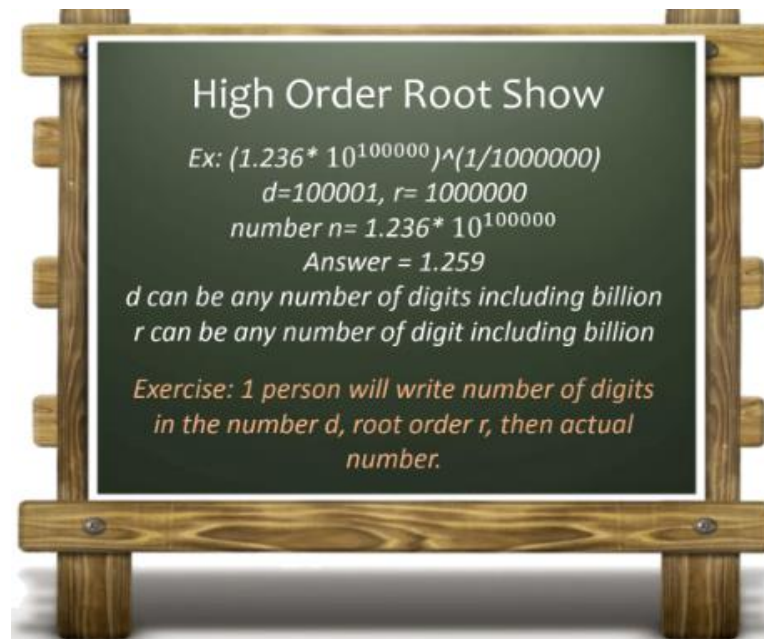
### Division Show



### Square root Show



### High Order Root Show-Excel can only do calculation up to $10^{308}$ .



## Speaker Profile Dr. Amit Garg, Founder & Chief Scientist, ORMAE

- World renowned Mathematician with a decade of Optimisation expertise
- Accomplished engineer with B.Tech in Mechanical Engineering and MS in Industrial Engineering from premiere Indian institute IIT Delhi, India with Ph.D. in Operations Research from Case Western Reserve University, USA.
- More than 9 years of industry experience as Senior Scientist in USA at Amazon, Genesys, Progressive Insurance, Penske and 5 years of Research and Training experience.
- **Guinness world record holder in Mathematics**, represented India in many international mental calculation championships.
- Appeared in more than **15 newspaper articles** for his achievements. Also, recommended by people linked with American & European TV channels like BBC, ABC, CNN, Discovery and more.
- **Industry Domain:** Transportation (Trucking, Shipping, Aviation), e-Commerce, Automotive, Supply Chain, Call Center and Telecom, Banking and Insurance, HealthCare and Pharmaceutical, Tourism and Hospitality.
- **Areas of Expertise:** Logistics Planning, Location Planning, Inventory Planning, Workforce Planning & Scheduling, Network Optimization, Machinery/Equipment Optimization, Demand Forecasting, Pricing Optimization.
- **Operations Research & Advanced Analytics Expertise:** Mathematical Modelling (NLP, LP, MIP), Constraint Programming, Branch and Bound Algorithm, Heuristic Algorithms, Meta-Heuristics, Forecasting Techniques, Data Science.
- Presented, authored and reviewed research papers; holds patent and company trade secret in his research works.
- Worked on 15+ complex Optimisation & Analytics projects in Supply Chain Logistics, E-Commerce, Transportation, Call Centre and Healthcare Industry.
- Offered **20+ trainings**, presentations, webinars on algorithms & their business impacts, applied industrial projects for business leaders and employees at their client sites. Presented in conferences with **300+** Attendees from **15+ countries** from Americas, Europe, Oceania, Asia, Middle East.

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Wikipedia: [http://en.wikipedia.org/wiki/Amit\\_Garg](http://en.wikipedia.org/wiki/Amit_Garg)