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Insights in Science

Prof Rajendra K Bera
Chief Mentor
Acadinnet Education Services India Pvt. Ltd.
Bengaluru, India, 560037

Acadinnet has great pleasure in announcing a rare series of lectures, 'Insights in Science' for those seeking an insight in science and its central role in driving modern technologies that form the core of the global knowledge economy. These technologies address complex problems and their solutions require multidisciplinary knowledge. They form the base on which the Internet of Things (IoT) and artificial intelligence (AI) heavily rely upon. The target audience includes PhD aspirants, researchers, AI-rooted startup entrepreneurs, technologists, and science enthusiasts of any age group.

About 'Insights in Science'

All inventions begin as an idea in the mind. There is no recipe for creating an invention; it can occur serendipitously ("out of the blue"; ending in an "ah ha" moment) or by following a plotted course or "prospecting" (the deliberate, tenacious, and laborious process of pursuing a winding line of work dotted with hope, desperation, and exasperation) or some combination of the two. Today's economy heavily relies on the "plotted course". Insights in Science focuses on the "plotted course" by showing how ideas from different scientific disciplines can be chained to solve complex problems. We live in a complex world of climate change, aging populations, and digital revolutions. The lectures aim to help businesses build their core AI group to face the future and identify the talent that can do it.

About the Speaker

Professor Rajendra Bera got his BTech, MTech, and PhD in aeronautical engineering from IIT, Kanpur, specializing in high-speed aerodynamics. He has been on the faculty of University of Oklahoma, USA; IIT, Kanpur; IIIT, Bangalore; and Jain University, Bangalore. He has been a researcher, mentor, and inventor at IBM, India, and a researcher at the National Aerospace Laboratories, Bangalore. He has over 50 research papers in refereed journals, practically all are single authored, and 28 US patents (all assigned to IBM) with him as the sole inventor. His research interests are interdisciplinary and include aerospace engineering, molecular biology, quantum computing, chaos theory, nuclear disarmament, international affairs, and intellectual property rights. He believes anyone can achieve this kind of diversity because it is all about connecting dots; it is all about watching the dots dance and tango according to mathematical tunes. He is listed in several Marquis Who's Who. In his younger days he was an amateur pilot. He is now the chief mentor at Acadinnet Education Services, India. He is currently writing a book on quantum computing.

For his list of publications and patents, visit
http://www.acadinnet.com/index.php?page=mentor

His recent publications: Bera, R. K. Synthetic Biology, Artificial Intelligence, and Quantum Computing. Book chapter in Genetic Engineering Technology and Synthetic Biology, Madan L. Nagpal (Ed.). IntechOpen, London, (to appear in 2019). For prepublication access visit https://www.intechopen.com/chapter/pdf-download/65149 and Bera, R. K. AI Powered Society. Advanced Computing and Communications, March 2019, pp.59-85. https://acc.digital/ai-powered-society/

The first 5 lectures in the series are open to the public.

Dates
21 June 2019
28 June 2019
05 July 2019
12 July 2019
19 July 2019

Time
4:00 PM to 6:00 PM

Venue
Global Incubation Services
CA Site No 1, HAL 3rd Stage
Behind Hotel Leela Palace,
Kodihally, Bengaluru, Karnataka
560017.

Registration is required and it is FREE

To register, visit
https://www.eventbrite.com/e/insights-in-science-lecture-series-tickets-62254028475

For enquiries, send email to
enquiry@acadinnet.com or contact
9845252502

Subsequent lectures **may carry a registration fee unless sponsored.**
For details, visit
http://acadinnet.com/index.php?page=insights_in_science_program_190621

Lecture schedule

Date Time	Lecture title
21 June 2019 4:00 PM – 6:00 PM	How do we acquire knowledge? We do it by the Popperian process of conjectures and refutations.
28 June 2019 4:00 PM – 6:00 PM	How reliably can we compute? A correct computer program does not guarantee reliable results. How do errors creep in?
05 July 2019 4:00 PM – 6:00 PM	The importance of symmetry in Nature A remarkable and simplifying aspect of Nature is the dominance of mathematical symmetry in the laws of Nature.
12 July 2019 4:00 PM – 6:00 PM	DNA, the book of life The amazing way the "molecular logic of the living state" is encoded in the DNA.
19 July 2019 4:00 PM – 6:00 PM	The weirdness of the quantum world It is so weird that Erwin Schrödinger said, "I don't like it, and I'm sorry I ever had anything to do with it."

About Acadinnet

Acadinnet aims to market India's potential; not what it is but what it can be – a global supplier and attractor of talent. We can help multinationals, universities and research institutions find and nurture talent for the global knowledge economy. Our services range from finding talented people, mentoring them, and helping them into becoming innovators. We focus on helping top talent realize their potential in dealing with unsolved problems that involve knowledge from multiple disciplines, and when the occasion demands, on how to protect the intellectual property rights of their solutions.

For more information on Acadinnet, please visit www.acadinnet.com