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About the Company

Vision

To make India the intellectual capital of the world

We at Accendere are into knowledge management. We aim at developing the human, and knowledge capital of our educational institutions and our country at large. Across the ages, superior technology has always defined the greatest empires/nations. We believe that the demographics of our country when catalyzed with excellent education and training of the talent pool would play a crucial role in propelling India to the status of a super power.



India produces approximately 350,000 engineers every year. A huge percentage of these come from institutions which do not have the magic three letters behind their name. Given the fact that a huge number of engineers graduate with just academic knowledge, they are unable to hit the ground running to compete in the global scenario. Much of this gap is caused by an inherent lack of excellent, innovative scientists, teachers and researchers. It is indeed a point of great concern that we produce an abysmally low number of PhDs (7,000 PhDs in various sciences and a paltry 700+ in engineering) as a country. If India has to be technologically strong, the quality and quantity of research must go up exponentially. In fact, strong science and engineering PhD programmes are precisely the catalysts for the amazing growth of countries like USA, Germany, Japan and China.

It is our belief that the love for science arises at a very young age and that is why it is important to create and sustain a research platform at every level of education, be it high school, under-grad or graduate school. We consult for Universities, Test Prep institutions and Schools on developing their intellectual capital.

Leadership Team

Praveen Dwarakanath – Director (Business Development)

Mr. Praveen Dwarakanath is the Director of Business Development at Accendere. Praveen completed his Engineering (Computer Science) from SRM University, Chennai and went on to finish his MBA from the Indian Institute of Management, Lucknow. Praveen has had rich experience in the industry working at Reckitt Benckiser and Hindustan Unilever Limited. He has keen interests in the fields of management and technology.

Dr. R. Shivaraman - Director (Technical Education & Research)

Dr. R. Shivaraman, PhD (Data Storage Devices) is the co-founder at Accendere and continues to spearhead the Research, Innovation and Technical Education functions of Accendere. Having completed his Masters in Nanotechnology following his Bachelors (Computer Science), Shiva derives his expertise in a broad range of topics from the time spent in top research facilities such as Carnegie Mellon University, SRM University and Bhabha Atomic Research Center.

Shiva's research interests include applications of nanotechnology for magnetic storage devices, electronics, reinforced construction components, drug delivery systems and robotics. His other areas of expertise include brain computer interfacing, earthquake detection and prevention, neural networks, artificial intelligence, genetic algorithms and non-Euclidean geometry. He has over 18 international journal publications, 2 international patents and over thirty international conference publications to his credit. He has been awarded several prestigious recognitions such as the Young Scientist Research Award, Board of Research in Nuclear Sciences, India and Australian Visiting Fellowship, Australian Academy of Science.



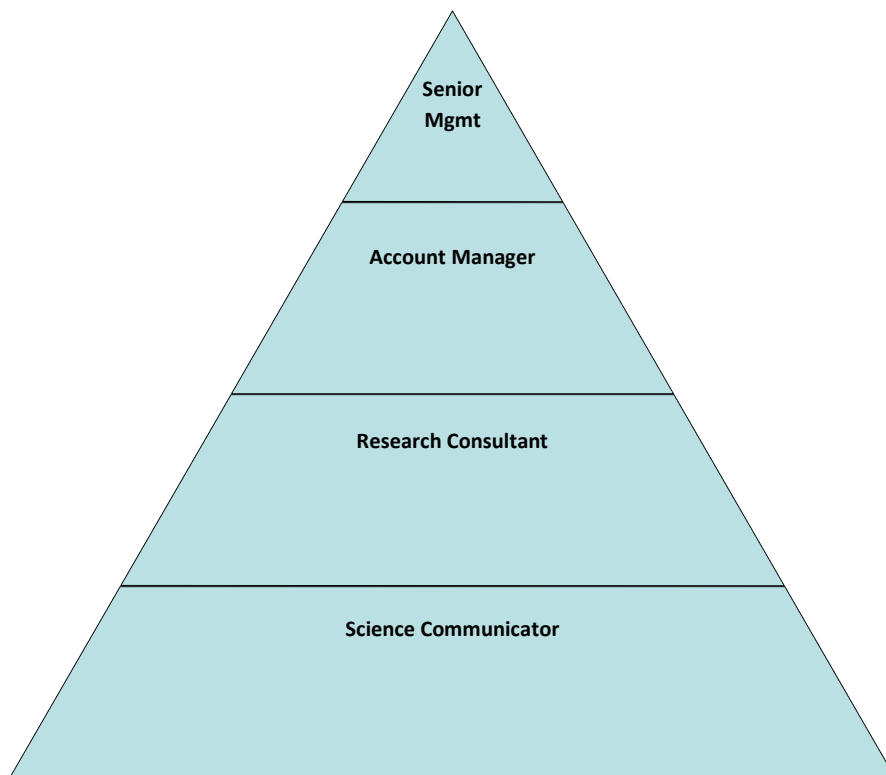
As a researcher and a passionate educationist, Shiva is adept at teaching, planning educational activities and nurturing research potential across the country.

Job Description

The Science communicator acts as a consultant of Accendere at the client location. This is typically a university.

The Science communicator would get around 150 B.Tech students and 15 faculty members to co-ordinate his research efforts with. He will be expected to mentor this group to produce papers of repute within a fixed time frame. To assist him in this endeavour, he will have the assistance of our custom designed process and software. The candidate must be in a position to take a target and his performance will be measured against the same

Career Path



Profile Description

There is a requirement of around 8 Science Communicators – **young PhDs/MS by research** candidates (<35 years preferred) from **premier institutes** (IIT/IIT/Abroad preferred) with atleast 2 – 10 publications in **SCI/IEEE/PubMed indexed journals**. When you speak to the candidate, ask them how many of their publications are indexed in the above 3 databases.



School of Mechanical: Mechanical or mechatronics background proficient with CAD/CAM, experimental research, robotics or automotive engineering.

School of Civil Engineering: structural or material engineering (subdivisions of civil engineering).

School of Electronics: Proficiency in Simulink, Matlab and other simulation toolkits and having used them in embedded systems, sensor devices, telecom and/or VLSI design.

School of Electrical: Material Science or someone with experience in simulation. Fields can include grid optimization, power systems, circuitry etc

School of Computing: Publications in networking or soft computing

School of Life Sciences: Ideally someone **with at least twice as much publications** as in any other of the above areas, preferably in genetics, micro biology, cell biology, etc

Basic Sciences: Nanotechnology and material science.

Crystallographer: Proficiency in synthesis of organic and inorganic powder crystal and superb at using powder XRD, rietfield analysis, structural reconstruction, etc..

Expected Date of Joining

We would like them to join by 1st of September. Latest by 21st of September.

Expected CTC

Average of 12lac p.a.

Fixed Component 9 Lac + Variable of 3 Lac (can go upto 6 Lac)

Location

Chennai. The candidates will be based at the client location.

Interview Process (Once the resume is shortlisted):

Round 1

A telephonic chat with the candidate by one of our directors for a max of 10 minutes

Round 2

Candidate will be expected to make a 5 slide presentation over skype within 2 days on a topic given by Accendere. The topic will be a related field but something we do not expect the candidate to be comfortable in. For example, if a candidate is comfortable in networking, he will be asked to present on Artificial Intelligence (both are fields in computer science but are not too related). The idea is to test learning ability and presentation skills.



He will also be asked to present one slide on his/her strategy to help B.Tech students publish 40 papers in SCI/IEEE/PubMed Indexed Journals.

Round 3 (optional)

This would be a chat only if we are not sure of something in the skype chat. If not, round 2 would suffice.

Notice Period

We expect the candidates to provide a notice period of 90 days. They would be expected to pay the company for the number of days of unserved notice in case they choose to leave before that.

No. of working days

We work a 6 day week.