

smoking.
"That's right! They want to kick the habit. The expression is usually used with things that are considered bad. For example

know because I've done it thousands of times. — Mark Twain

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properties, phenomena observed by and applications of materials that show structure on the nanometer length scale which, incidentally, is 10^{-9} m, which is a billionth of a meter and is typically between ten thousandths

ing a broad based background so that later on at an appropriate time, you can choose to become one or the other or a little bit of both, depending upon your personal predilections.

Regarding mathematics, since I was an engineering student, I shall recommend some books which could enable you to develop sufficient proficiency in the subject for many sciences. The engineering mathematics books

Statistical Mechanics and Quantum State Physics. There are many books on these topics in the market. For Quantum Mechanics you may study the book by David Griffiths, for Statistical Mechan

Mechatronic and robotic engineering at Sheffield

COURSE CLOSE-UP

KATHAKALI NANDI

The University of Sheffield, U.K., is inviting applications for its bachelor's in Mechatronic and Robotic Engineering (B. Eng.) programme. The course will help students learn how to design, analyse and test transforming robots, autonomous ve-

hicles and other complex electro-mechanical systems.

It will also show students how to control robotic systems using modern microprocessor technology.

Students can explore advanced concepts including manufacturing systems, noise and vibration control, spacecraft systems and robot technology.

In the first year, students are required to take the Global Engineering Challenge. This involves working with other engineering

students on a one-week project to tackle a real-world problem. The challenge is designed to develop their skills and enhance their career prospects. At the end of the second year, students can choose to transfer to the four-year M. Eng. course.

Mechatronic and Robotic Engineering is a three-year course. Students who have secured 80 per cent marks in Class XII are eligible to apply.

International students need an overall IELTS grade of 6.0,

with a minimum of 5.5 in each component, or an equivalent English language qualification. The course fee is £18,750 per year.

The University of Sheffield offers a guaranteed £2,000 scholarship per year of study. It also offers five merit undergraduate scholarships to Indian students worth 50 per cent of the annual undergraduate tuition fee per year.

The deadline for applying is June 30. For further details, visit www.sheffield.ac.uk/acse.

WHAT'S NEW

IIAD programmes

The Indian Institute of Art and Design (IIAD), in collaboration with Kingston University, London, is offering the following programmes: BA (Hons) in Fashion Design, Interior Architecture & Design and Communication Design. IIAD will provide creative and completely studio-based education to groom the next generation of designers and design thinkers. The final degree will be awarded by Kingston University. The admission process includes

iDAT (IIAD Design Aptitude Test), portfolio evaluation and an interview. IIAD is also offering scholarships up to 50 per cent for meritorious students. Candidates who have appeared/passed the CBSE/ISC/IB (or any other equivalent board) 10+2 examination in any discipline are eligible to apply. The deadline for submitting the application is April 30. To apply online, visit www.applytoiiad.com.

ISBF programmes

Indian School of Business and Finance, an affiliate centre of the University of London with academic direction from the London School of Economics and Political

Science (LSE), has invited students to apply for its three-year full-time undergraduate honours degree programmes in BSc Economics, BSc Economics & Finance, BSc Economics & Management and BSc Business & Management. Applicants who will pass the Class XII examination conducted by CBSE/ISC/State Board/International Baccalaureate (IB)/GSCE A-Levels (by May 2016) are eligible to apply. Selections are made on the basis of an entrance exam (iMET-ISBF Mathematics English Test) and a personal interview. The deadline for submitting the application is April 12. To apply, visit www.applytoisbf.com.