



SATYA

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EDUCATION LEADING TO INTERNATIONAL PLACEMENT

DEMAND OF INDIAN ENGINEERS IN INTERNATIONAL MARKET

The Indian Engineering sector has witnessed a remarkable growth over the last few years driven by increased investments in infrastructure and industrial production. The Engineering sector, being closely associated with the Manufacturing and Infrastructure sectors, is of strategic importance to India's economy. The Capital goods & Engineering turnover in India is expected to reach US\$ 125.4 billion by FY2017.

India exports its Engineering goods mostly to the US and Europe, which accounts for over 60 per cent of the total exports. Recently, India's engineering exports to Japan and South Korea have also increased with shipments to these two countries rising by 16 and 60 per cent respectively. Sri Lanka, Nepal and Bangladesh have also emerged as the major destinations for India's Engineering exports. Engineering exports from India increased for the sixth straight month at 12.4 per cent year-on-year to US\$ 5.3 billion in January 2017, outperforming that of the overall merchandise export.

As there is tremendous growth in Indian Engineering Exports, the countries are also hiring more and more Indian Engineers who are instrumental in raising the Indian Engineering Exports.



CANADA: According to Mark Bourgeois, director of communications and public affairs, with Engineers Canada, the national organization of the 12 provincial and territorial associations that regulate the practice of engineering in Canada, "Canada is facing a short supply of engineers. He refers to the report's predictions that, by 2020,

95,000 professional engineers will retire, creating a skills shortage. The most commonly advertised jobs in engineering include mechanical engineer, electrical engineer and project engineer. Each year, thousands of engineers with international qualifications migrate to Canada. They work in the fields of **CIVIL, ELECTRICAL, INDUSTRIAL, MANUFACTURING AND MECHANICAL ENGINEERING.**



28% Increase in US Visa for Indians

(TOI - 30th May, 2017)

Islamabad: Pakistan has had a 40% drop in the number of visas granted to its nationals under the Trump administration despite not being on the list of US's travel ban countries. Interestingly, the number of non-immigrant US visas to Indians has increased by 28% in March and April this year as compared to the monthly average of the previous year, according to the monthly official data. Indian nationals received 87,049 visas in April and 97,925 visas in March this year. Pakistanis were issued 3,925 non-immigrant visas in April and 3,973 visas in March. The Obama administration last year issued 78,637 visas to



Pakistan with a monthly average of 6,553, 40% higher than the current average. A spokesperson said, "Visa demand is cyclical, not uniform and affected by various factors. Visa issuance numbers tend to increase during peak travel seasons though there may be different trends at the country, nationality, or visa category level." Experts believe the drop may indicate more visa applicants are now subject to excessive scrutiny. PTI



valley is hub
is the largest

importer

from India. Infact, India has made identity in US because of its software engineers & Indians are considered as brainiacs to handle such jobs. The US government invests heavily in infrastructural, scientific and technological innovation, and is also making a sincere effort to play huge role in its rapid development.

USA : There is big demand of people in U.S.A. with top-notch computer skills. Hyderabad sends largest no. of STEM students to the U.S.A. , is home to India's Techies. Silicon valley is hub of software companies and it of **SOFTWARE ENGINEERS**



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AUSTRALIA / NEW ZEALAND: "There are just not enough engineers in Australia to do the work at hand. In fact, there are just not enough engineers globally for the projects already commissioned," says Megan Motto, chief executive of the Association of Consulting Engineers of Australia. "We have more and more huge projects coming on line in all sectors of industry but our graduating numbers remain the same. That is bad but what is worse is that a big percentage of Australia's practicing engineers are nearing retirement age," Motto says. Manpower found that 45 per cent of employers were having trouble filling positions, particularly in three areas, skilled trades, sales and engineering. At major recruiter Hays, regional director NSW says the dark days are past and demand is clearly picking up for engineers from other nations working in **CIVIL, MECHANICAL AND ELECTRICAL ENGINEERS**.



GERMANY : Germany is also an attractive location for indian engineers. Research and innovation in Germany are on the rise. With its strong industrial foundation, Germany is meeting the challenges of global competition while creating secure and sustainable jobs for the future. These jobs offer opportunities to skilled workers from different countries across the globe and India is one of them. Very few countries in the world have as rich a history in engineering as Germany. Widely regarded for its booming automobile industries, Germany is an extremely lucrative place for **MECHANICAL ENGINEERS**.



JAPAN : Indian **SOFTWARE ENGINEERS** are in great demand all over the world and Japan is no exception. Demand is huge in generic skills such as Java, C++ , and embedded technologies as well as high-end skills such as SAP, Oracle, Mainframe technologies and the like. Japan needs about 300,000 foreign IT professionals across all industries due to strong demand. India currently has about 2 per cent of Japan's outsourcing business. There is great demand of Indian **MECHANICAL ENGINEERS** in Japan. The Japanese Govt. is training 30,000 Indian engineers in manufacturing skills under a programme of Toyota Kirloskar Motor.



DUBAI, UAE & GULF REGION :

{01. CIVIL ENGINEERING} : One of the core branches of Engineering, Civil graduates have a good chance of landing a good job in one of the many construction companies in the Arab nations. The pay scale is good. Scope of promotion, pay hikes and perks are good.

{02. MECHANICAL ENGINEERING} : This branch also has many opportunities for graduates in Dubai, UAE and other Arab countries. Due to the large number of heavy industries, Mechanical graduates can get job with relative ease. Most type of industries want a Mechanical Engineer. It is this good demand that is responsible for such a good scenario. The condition of work differs from industry to industry. Generally, the pay scale is excellent.

{03. ELECTRICAL ENGINEERING} : Heavy industries also have another requirement- that of an Electrical engineer! Not only heavy industries, but other work fields like construction also need a worker to manage and supervise the electrical systems. This is why there is a demand for electrical engineers out there. In short, the core branches of engineering have a good chance to land a decent paying job in Arab countries.



MAJOR INVESTMENTS & DEVELOPMENTS IN THE INDIAN ENGINEERING SECTOR

- Engineers India Ltd and Gazprom PJSC, the respective domestic companies of India and Russia in the engineering and oil and gas sectors, will prepare a blueprint for laying a gas pipeline between India and Russia, which is expected to help India diversify its energy mix and increase trade with Russia. It will increase the demand of **MECHANICAL ENGINEERS**.
- American plane maker Boeing Corporation has launched the Boeing India Engineering & Technology Center in Bengaluru. The centre will employ hundreds of locals who will work to support Boeing, including its information technology & data analytics, engineering, research and technology, and tests which in turn increase the demand of **COMPUTER SCIENCE, INFORMATION TECHNOLOGY & MECHANICAL ENGINEERS**.
- Rolta, an Information Technology (IT), engineering and geospatial services provider, has been awarded a seven-year, multi-million pound contract by a UK based major utility company UK Power Networks, to manage and update the firm's spatially-enabled network asset information which will increase the demand of **COMPUTER SCIENCE & INFORMATION TECHNOLOGY ENGINEERS**.
- Toshiba Transmission and Distribution Systems (India) Pvt Ltd has bagged Rs 226 crore (US\$ 33.9 million) contract from Kenya Power and Lighting Company for around 8,000 distribution transformers. It will create demand for **ELECTRICAL ENGINEERS**.
- Toshiba Group's water services company UEM India bagged Rs 220 crore (US\$ 33 million) design, builds and operate (DBO) contract for a wastewater treatment and recycling plant in Oman Which will create the demand of **MECHANICAL, ELECTRICAL, ELECTRONICS and CIVIL ENGINEERS**.
- India's Engineering and **CONSTRUCTION Major, Punj Lloyd**, won an order worth Rs 477 crore (US\$ 71.55 million) for Ennore LNG tankage project from Mitsubishi Heavy Industries of Japan.
- The Engineering and R&d Division of HCL Technologies will likely cross the US\$ 1 billion mark in the next financial year as the company sees larger deals in a market that's widely expected to be the next big source of Growth for the Indian **INFORMATION TECHNOLOGY SECTOR**.
- Leading aircraft maker Airbus announced it has begun sourcing components for almost all its jets from India and it aims to take its cumulative sourcing from India to US\$ 2 billion by 2020.
- Larsen & Toubro bagged **CONSTRUCTION** order worth Rs 1,099 crore (US\$ 164.85 million) which included jobs from power transmission and distribution sector worth Rs 517 crore (US\$ 77.55 million) and a rural electrification project under the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) scheme at Gorakhpur in Uttar Pradesh. It will create demand for **ELECTRICAL ENGINEERS**.

SGI-Bridging the Gap between Academics and Industry

Students are trained on Placement Oriented Technical Training Programmes at SGI, designed as per latest Industry requirements:

B. Tech/Diploma					Management
CSE	ECE	EEE	ME	CE	MBA
Programming Concepts, JAVA , Advance Java, Android Development	VLSI-Verilog	PLC	Auto CADD	Auto CAD	6 Sigma
Programming Concepts, C/C++ , iOS Development	VLSI-System Verilog & FPGA	SCADA & Panel Designing	Ansys	STAD PRO	ERP - SAP
Programming Concepts, C#/VB.net, .net, advance Windows Mobile Development	Linux	Electrical CAD	Pro-E	PRIMA VERA	PASS (Software for Researchers)
Programming Concepts, Testing Fundamentals + Whitebox, Test Automation	Embedded C	Electrical CAM	CNC	SWAT	Capita Training Programme (Focused on Investment Banking & Capital Market)
Programming Concepts, PHP Development + Jhoomla/Word Press	Advance PCB Designing	Auto CAD	H.V.A.C.	MS - Project	Training on Market Research Softwares

Personality Development, Aptitude Test, MS-Office and Communication Programmes are compulsory in every course.

Satya's INTERNATIONAL PLACEMENTS



Shweta Tiwari
B.Tech.-EEE
Korn Ferry
USA
Package : 14.5 lacs



Ajmal Hashmi
B.Tech.-EEE
Penn Constructions
CANADA
Package : 5.76 lacs



Pratap Singh
B.Tech.-ECE
Paxus australia Pvt . Ltd.
AUSTRALIA
Package : 22.8 lacs



S.M.LaraibKarim
B.Tech.-ECE
Avaya
NIGERIA
Package : 12.6 lacs



Sunil Sehwari
B.Tech.-CSE
Python Technology Ltd.
AUSTRALIA
Package : 15.2 lacs



Sumit Rai
B.Tech.-ECE
Huawei Telecom
QATAR
Package : 48 lacs



Vicky Ningombam
MBA
Fukuoka-Shi
JAPAN
Package : 15.8 lacs



Mohan Tanwar
B.Tech.-CSE
Python Technology Ltd.
AUSTRALIA
Package : 19.9 lacs



Imran Khan
B.Tech.-EEE
Spark Group of Companies
DUBAI
Package : 23.7 lacs



Ajay Uthaman
B.Tech.-CSE
Whirlpool
SAUDI ARABIA
Package : 20.9 lacs



Sohaib Zaman
B.Tech.-CSE
TAL Life Insurance
AUSTRALIA
Package : 29.7 lacs



Sushant Kr.
B.Tech.-ME
Lilly Maritime
SRILANKA
Package : 8.70 lacs



Hardev Singh
B.Tech.-ME
Essar Shipping
HONGKONG
Package : 7.2 lacs



Md. Faizan Ahmad
B.Tech.-ME
RAS Gas Ltd.
AUSTRIA
Package : 12.6 lacs

& many
more.....

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