

Limb prosthetics

Working on the Mukti project and the newly

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locked, are not interchangeable and the patients' gait pattern is consequently poor.

What are the improvements made in the new prosthetics?

The patient can walk with a free knee joint that flexes/extends similar to the normal knee during gait. The knee has in-built stability to reduce the likelihood of falls.

What are the challenges in making prosthetics?

Every patient has to be treated individually when it comes to the socket being fitted to the stump. This is a highly skilled process which should result in a comfortable prosthesis. The types of component fitted will only be successful if the socket is a comfortable fit.

Are there any challenges uniquely faced by polio patients?

The main challenge appears to be an ability to access high-quality, low-cost provision of customised orthoses which require trained orthotists to assess and fit [the joint] along with appropriate technical support.

Have the Paralympics helped the cause of people with prosthetic limbs?

The Paralympics has brought to the attention of the greater public

that with the correct support it is not what a person with a disability can't do but what a person with a disability can do.

If prosthetics can increase the number of people with a disability who can return to work and provide for their families, then, there would be fewer requirements for assistance from the state.

What was your experience in India?

The Strathclyde Team, which is on an annual visit to Mukti, always has a very enjoyable experience and appreciates the hospitality shown by their hosts. We are aware of the range of Prosthetic/Orthotic services available in India especially in the NGO category. It will be important to develop low-cost alternatives that can provide improved treatment to the large number of individuals who are unable to access mainstream services.

We enjoyed the day of collaborative study between Strathclyde and IIPSO students. The aim of the day will be to task the students with the development of low-cost Prosthetic and Orthotic solutions for a range of disabilities and amputation levels. Tony and I lead the discussions on a range of topics including data capturing concepts (how to capture the shape of a stump or limb) and recent developments in the use of low-cost clinical gait analysis.

Is it possible to have prosthetics like that of the villain in the Kingsmen? (the lady with knives in her prosthetic legs)

Yes, it is possible to customise the appearance of a prosthesis to suit the requirements of the individual patient...at a cost.

ON THE SHELF

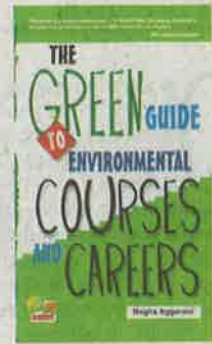
The Green Guide to Environmental Courses and Careers

Author: Megha Aggarwal

Publisher: The Energy and Resources Institute (TERI)

Price: Rs. 150

Do you have a special affinity for nature? Do you want to become an environmentalist and work towards making the earth a better place to live in? This book can be your guide to becoming "an architect of a sustainable future." It covers a wide range of topics such as what to study (which includes a checklist of courses), where to study (a checklist of colleges), what to pursue (a career checklist) and useful resources that can come in handy. There are graphs, illustrations and tips on every page. The anecdotal accounts from well-known professionals are especially useful and provide an insight into the challenges one can come across and how to tackle them.



COMPILED BY SARTHAK SARASWAT

EVENTS

IBM The Great Mind Challenge

Description: Participate and get a chance to win an internship with IBM

Eligibility: All engineering students

Dates: Registration ends on February 15

Website: <http://bit.ly/Twenty19THE499>

MITAFEST'16 by Madras Institute of Technology

Description: Cultural extra-

vaganza of MIT

Eligibility: Any degree

Date: February 19 to 21

Website: <http://bit.ly/Twenty19THE500>

Techkriti - IIT Kanpur

Description: Asia's largest technical and entrepreneurial festival organised by the student community of IIT Kanpur

Eligibility: Any degree

Dates: March 3 to 6

Website: <http://bit.ly/Twenty19THE502>

Courtesy:

www.twenty19.com

Harvard students study Indian business model

work on how PVR pictures could boost its e-commerce potential.

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EXPERIENCE

As part of the Harvard Business School's MBA course, a group of students were in from January 2-12 to the multiplex chain PVR's business model to develop a case study.

The project is a mandatory part of the first year of Harvard Business School's MBA course in which stu-



Harvard students at PVR Pictures.

The students visited nine of PVR theatres and came up with several suggestions.

Our students had a wonderful experience in India and met with almost 165 customers and visited a few of the

"We value this relationship with Harvard Business School. Consumers are availing entertainment content online, and PVR is keen to find out practices that can be deployed to understand our consumers better. As part of the case study, the students visited nine of our theatres and came up with several suggestions which we are looking into and trying to internalise through observations and inputs. Many of their observations were extremely insightful and help-