**Prof. M.S. Chauhan**
**Dean Planning & Teachers' Matters**

**Planning and Development Office**
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No. 4-16/99-HPU(P&D)Vol. V
March 24, 2017

**Subject:**      **IIT Bombay Free Software Certificate Program.**

Sir/Madam,

HPU has partnered with IIT Bombay to provide IT Skills to the students Click Here. University expect each Principal to Nominate faculty Organiser from BCA and MCA department and send a E-mail with the nominated Faculty Organiser Contact details**. As soon as possible** and ensure that **first 2 hour session** to be arrange in the college **before 15th April 2017.**

1. Faculty Organiser (MCA and BCA) will contact to **Ms. Anita Kedare** for further process.
2. Refer course suggestion made by HPU.(attach).

Spoken Tutorial Project, IIT Bombay is an initiative from MHRD, Govt. of India.It provides IT/Software Training - General or Basic, Programming.Specialized -  FREE of cost along with certificates.

For Detail Information to start the training colleges can contact to Spoken Tutorial Program coordinator **Ms. Anita Kedare, 09321530562, anita.stpiitb@gmail.com**

**AICTE Chairman - To implement Drupal in all MCA Department and Colleges**
**Click Here.**

With regards

-sd/-

(Prof. M.S. Chauhan)

All the Principals/Directors/Heads of
Non-Govt. Colleges affiliated to
the Himachal Pradesh University, Shimla-5.

## BCA Department

| Semester | Lab Course Code | Course Name | Spoken Tutorials Course as Audio Video Guide www.spoken-tutorial.org |
|---|---|---|---|
| 1 | BCA0104 (P) | C Programming Lab-I | C |
| 1 | BCA 0105(P) | Office Automation Tools Lab-II | LibreOffice |
| 3 | BCA 0304(P) | Object Oriented Programming with C++Lab-V | C++ |
| 4 | BCA 0405(P) | Programming in Visual Basic Lab-VII | Java |
| 6 | BCA 0604(P) | ComputerGraphicsLab-XI | BInder |

## MCA Department

| Semester | Practical Lab | Spoken Tutorial Courses as a Audio Video Guide |
|---|---|---|
| 1 | Programming Methodology Using C (Practical -1) | C & C++ |
| II | Programming inVisual Basics (Practical-3 ) | Java |
| III | Object Oriented Programing Using Java (Practical -6) | Java |
| IV | Internet and Webpage Design (Practical-8 ) | Drupal |
| V | Computer Graphics | GIMP |

Prof. Anil Sahasrabudhe
Chairman, AICTE

Prof. Kannan Moudgalya
PI, Spoken Tutorial Project
IIT Bombay

Dear Head of MCA Department,

AICTE and IIT Bombay are committed to provide educational content that is useful from academic and employment perspectives. As a sequel to this vision, a self-learning training programme on Drupal has been prepared by IIT Bombay, which is now shared with all the MCA institutions in the first instance.

Please see enclosed a DVD that contains video tutorials, through which, your students can self-learn Drupal, a powerful framework to create and maintain web pages. These tutorials are available in English and in 11 of our languages: Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Oriya, Tamil, Telugu and Urdu.

Learning Drupal will help improve the employment potential of your students in the general area of web development. Knowing Drupal will improve your faculty's consulting potential and could help increase industry-academia interaction.

Drupal Software and Spoken Tutorials may be copied and made available in all your computers, as both are open source. The file `Readme-Installation.pdf` in the accompanying DVD explains how to learn from Drupal Spoken Tutorials. To know about further help available from IIT Bombay and AICTE, and to give a feedback about this programme, please visit `http://spoken-tutorial.org/learn-Drupal`.

This instructional methodology on Drupal is brought to you by the *Spoken Tutorial* project, funded by the Ministry of Human Resource Development and the *National Virtual Library of India* project, funded by the Ministry of Culture.

With regards,
Yours sincerely,

Prof. Anil Sahasrabudhe

Prof. Kannan Moudgalya

IIT Bombay
28 August 2016