

V(TE)HC(77)CCDC/ICT/2009-66076-66116 Dated:- 10/08/2015

The Principal,
All Govt./Private Polytechnic,
Himachal Pradesh.

Sub: Regarding-Implementing Spoken Tutorial Project-ICT Based training for all the Polytechnics in accordance with syllabus mapping recommended.

Sir,

This is w.r.t. letter No. Nil dated 16th July, 2015 from Training Co-ordinator-spoken Tutorial-IIT Bombay on the subject cited above. As intimated, Spoken Tutorial-IIT Bombay has mapped the course contents of various Diploma programs running in the State of H.P. and has suggested some spoken Tutorial software E-Resources for learning(soft copy already sent). In this regard, you are requested to go through these mapped contents and organize ICT based training for the benefit of staff & students in your Institution in collaboration with spoken Tutorial-IIT Bombay under intimation to this office.

For more details contact:-

M/S Anita Kedare,
Training Co-ordinator-Spoken Tutorial- IIT Bombay
Phone:02225722545.

Yours faithfully,


Director

Technical Education,
Vocational & Industrial Training,
Himachal Pradesh, Sundernagar.

Dated:- 10/08/2015

No. STV(TE)HC(77)CCDC/ICT/2009-
Copy to Ms. Anita Kedare, Training Co-ordinator-Spoken Tutorial-IIT Bombay, Powai, Mumbai-400 076 w.r.t your letter No. Nil dated 16th July, 2015 for information please.



Director
Technical Education,
Vocational & Industrial Training,
Himachal Pradesh, Sundernagar.

THE STATE OF HIMACHAL PRADESH DTEVT CURRICULUM MAPPING

Curriculum for Diploma Programme

(Automobile Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Information Technology, Instrumentation Engineering, Mechanical Engineering)

IN 1st Year (1st & 2nd Semester) for All

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|-------------|---------------------------------------|--|
| 1.6 | 1st and 2nd | Computer Fundamental Skill | LibreOffice writer, Calc, Impress |
| 2.1 | 1st and 2nd | English and Communication skill | LibreOffice Impress, Writer, Firefox |

2nd Year (3rd & 4th Semester) Computer Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---------------------------------------|--|
| 3.4 | 3rd | Programming Through C Language | C |
| 3.5 | 3rd | Operating System | Linux |
| 4.3 | 4th | Relational Database Management system | PHP MySQL |
| 4.4 | 4th | Data Structure Using C | C |

3rd Year (5th & 6th Semester) Computer Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---------------------------------------|---|
|---------|----------|---------------------------------------|---|

| | | | |
|-----|-----|-------------------------|---|
| 5.1 | 5th | Multimedia Applications | Libre Office Impress, GIMP, Inkscape, Blender |
| 5.2 | 5th | Internet Technologies | Java and Netbeans |
| 5.3 | 5th | Programming using Java | Java |
| 6.2 | 6th | Computer Graphics | GIMP, Inkscape, Blender |
| 6.3 | 6th | Open Source Software | Linux, LibreOffice Suit |

2nd Year (3rd & 4th Semester)
Information Technology

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---------------------------------------|--|
| 3.2 | 3rd | Internet and Web Technologies | PHP & MySQL |
| 3.4 | 3rd | Programming through 'C' Language | C |
| 3.5 | 3rd | Operating Systems | Linux |
| 4.4 | 4th | Data Structures Using 'C' | C & C++ |
| 4.5 | 4th | Relational Database Management System | PHP & MySQL |

3rd Year (5th & 6th Semester)
Information Technology

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|--|--|
| 5.1 | 5th | Object-Oriented Programming using Java | Java |
| 5.2 | 5th | Web Designing | Java and Netbeans, PHP & MySQL |

| | | | |
|-----|-----|--|----------------------------|
| 5.3 | 5th | Minor Project Work | Jav Netbeans |
| 6.1 | 6th | Multimedia Technologies | GIMP, Inkscape, Blender |
| 6.3 | 6th | 6.3.1 Advance Java 6.3.2 Advance Web Technology 6.3.3 Programming in C++ | Java PHP & MySQL C++ |

2nd Year (3rd & 4th Semester)
Civil Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---------------------------------------|--|
| 3.1 | 3rd | Fluid Mechanics | OpenFOAM |
| 3.6 | 3rd | Building Drawing | Q- CAD |

3rd Year (i.e. 5th & 6th Semester)
Civil Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---|--|
| 5.8 | 5th | Computer Application in Civil Engineering (CAD) | Q- CAD |

2nd Year (3rd & 4th Semester)
Electrical Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 3.3 | 3rd | Electrical Engineering Design And Drawing | Q-CAD |
| 3.5 | 3rd | Computer Programming and Application | C, OSCAD, Scilab |

**2nd Year (3rd & 4th Semester)
Electrical & Electronics Engineering**

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 3.3 | 3rd | Computer Programming and Applications | C |
| 3.4 | 3rd | Electrical Engineering Design & Drawing | OSCAD |

**3rd Year (5th & 6th Semester)
Electrical & Electronics Engineering**

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 5.3 | 5th | Microcontrollers & Embedded System | C |

**2nd Year (3rd & 4th Semester)
Mechanical Engineering**

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 3.5 | 3rd and 4th | Machine Drawing - I -II (CAD) | Q- CAD |

3rd Year(5th and 6th Semester)
Mechanical Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 5.5.5 | 5th | Product Design & Development | Q- CAD |
| 6.4 | 6th | CAD | Q- CAD |

2nd Year (3rd & 4th Semester)
Electronics & Communication Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 3.3 | 3rd | Computer Programming and Application | C |

2ndYear (3rd & 4th Semester)
Automobile Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 4.5 | 4th | Computer Aided Drafting | Q-CAD |

3rd Year (5th & 6th semester)
Instrumentation Engineering

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
|----------------|-----------------|---|---|

| | | | |
|-----|-----|---------------------------|--------|
| 5.2 | 5th | Digital Signal Processing | Scilab |
| 6.3 | 6th | Advance Vontrol System | Scilab |

2nd Year (3rd& 4th Semester)
Architectural Assistantship

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---------------------------------------|--|
| 3.6 | 3rd | Basic of computer Application | Linux, LibreOffice calc, Writer, Impress |
| 3.8 | 3rd | Computer Graphics - I | Q- CAD |

3rd Year (5th & 6th Semester)
Architectural Assistantship

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|--|--|
| 5.6 | 5th | Working Drawing & Detailing Using CAD | Q-CAD |
| 6.5 | 6th | Computer Graphics | Q-CAD |

(1st Semester)
Hotel Management & Catering Technology

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|---------|----------|---------------------------------------|--|
| 1.6 | 1st | Application of Computers - I | Linux, LibreOffice Calc, |

| | | | |
|--|--|--|-----------------|
| | | | Writer, Impress |
|--|--|--|-----------------|

1st Year (1st & 2nd Semester)
Fashion Designing

| Sr. No. | Semester | Subject Name (Practical/Lab Hours) | Spoken Tutorial Software E-Resource for Learning |
|----------------|-----------------|---|---|
| 1.7 | 1st | Computer Fundamentals & Skills | Linux, LibreOffice Calc, Writer, Impress |