Ref:- CO-AC/2023-24/05   Dated:- 25.07.2023

To,

All Principals
Govt./Aided/Self-Finance Colleges
Affiliated to Maa Shakumbhari University
Punwarka, Saharanpur.

Sub:- Regarding publicity of Spoken Tutorial Programme.

Sir,

Kidnly give the wide publicity and circulate the brochure of Spoken – Tutorial Programme organized by IIT, Bombay in association with MHRD, Govt. of India, amongst the students to promote the skill/vocational education and also among the faculty members to improve the quality of faculty members under FDP.

With regards,

Yours truly

Encl:- Brochure of Spoken Tutorial Programme.

(Prof. Vinod Kumar)
Co-ordinator, Academic

भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545
फैक्स/Fax : (+91-22) 2572 3480
वेबसाईट/Website : www.iitb.ac.in

IIT Bombay

PAYMENT FLOW FOR NEFT

After getting the approval from your Principal/Management, the point person can do the Payment through **NEFT**.

Note: The amount payable per college is Rs. 29,500 per year.

Below are the details required while making the payment.
Account Details for NEFT through Bank:

A/C Beneficiary Name:	IIT Bombay Project and Consultancy
A/C Number:	2724101113370
Bank Name:	Canara Bank
Bank Branch:	IIT Powai
IFSC Code:	CNRB0002724

Details to be shared by Colleges / Schools after making the payment (Mandate)
UTR (Unique Transaction reference)Number of Payer :
Date of Payment :
Amount Paid :
Name of the payer :
Institute name / School name :
Email id :
Phone number of the Payer :
GST Number :
PAN Number :
Institute name / School name registered for GST :

Note-If College / School do not have GST, kindly give a declaration stating that the Institute / School do have GST number along with signature of FO or Principal.
Please share the ecopy / receipt (manual NEFT) scan also after the payment transaction.
Note: If doing payment via NEFT from Netbanking account the payer has to add the above Account Beneficiary details once they login.

Do inform your State Training Manager once the payment is done. Also share the state training manager's Email ID and phone number with the point person who will be doing the payment to send the required details.
http://spoken-tutorial.org

For and On behalf of,
Spoken Tutorials,
Indian Institute of Technology, Bombay

D. Vinod Kumar

Pl. circulate to

INSTITUTIONS CAN BECOME SPOKEN TUTORIAL'S KNOWLEDGE PARTNER
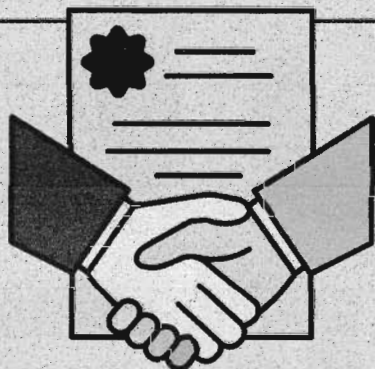
8 STEPS TO MAKE IT

1) JOIN US

Through Annual Subscription fee or Individual Learning Workshop (ILW) fee
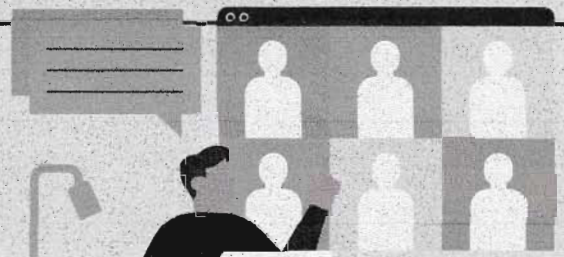
2) TRAINING AND CERTIFICATES

Organise our training and online test, avail both participation and test certificates for students, faculty and staff

3) LETTER OF ASSOCIATION AND ACKNOWLEDGEMENT RECEIPT OF PAYMENT

Will be provided within 4-7 days by email

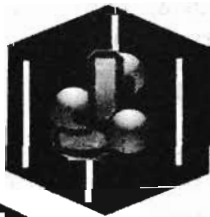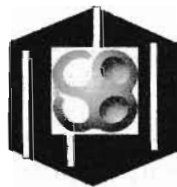### 4) SPREAD AWARENESS TO NEARBY OR AFFILIATED COLLEGES

E-Brochure
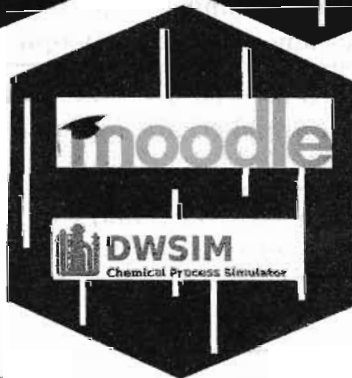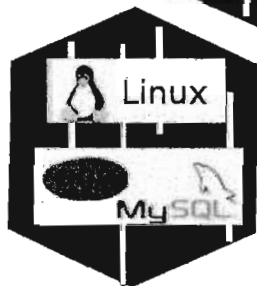
Arduino   QCad

Advanced   DWSIM   Drupal

Python   C++   Ruby   Scilab   eSim

Blender   HTML   Tux

Linux AWK   Koha   PERL   Typing

GIMP   Libreoffice

Linux   OpenFOAM   Latex   Bio

BASH   C/C++   Python

InKscape   GIT   Jmol   Java

OpenModelica   Application   Xfig

GeoGebra   ExpEYES   Avogadro

Moodle   NetBeans   GChemPaint

Cell Designer   PHP & MySQL

Basic Computer Skills & Office Automation

Software / FOSS name	Applications / Skills & Employability
Introduction to Computers	How to use computers for day-today activities.
LibreOffice – Writer, Calc, Impress, Base, Draw, Math	*Office Automation system – Documentation, Spreadsheet, Slide making.*
Linux, Linux AWK, Ubuntu, BOSS	Free and Open source operating system. Actively being taken up by E-Governance programs and SMEs.
Firefox	Web browser. Used for all internet browsing purposes.
Tux Typing	Teaches 10 Finger typing.

Programming Languages / Information Technology

C / C++, Advance C++, Java, Java Business Application, Netbeans	**C** is the most popular language worldwide. **Java** is also popular with ability to run the same program on different systems relevant to World Wide Web *software*. **NetBeans** is an open-source integrated development environment (**IDE**). Smooth JavaScript editor, Templates profiler & GUI Design tool. **JBA** is used to create business applications and provide domain expertise.
Ruby	Ruby is an object oriented scripting language use widely for developing web applications.
GIT	GIT is a version-control system for tracking changes in computer files and coordinating work on those files among multiple people.
Android App using Kotlin	Learn to architect and develop Android apps in the Kotlin programming language. With these techniques you'll create apps in less time, writing less code, and with fewer errors.
HTML	Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser.

Modelling and Simulation

DWSIM	DWSIM is a software for modeling, simulation, and optimization of steady-state chemical processes, Use in Chemical industry.
OpenModelica	OpenModelica is used for Simulating, Optimising, Analysing complex dynamic systems. Eg. In power plant, water treatment, automotive processes optimization.

Mathematics / Statistics

GeoGebra	Dynamic Mathematics Software (DMS) for teaching and learning mathematics from middle school through college level.
R (like SPSS)	Programming language used for statistical computing and graphics.
Biopython	Tool for Computational Biology and Bioinformatics.

Multimedia / Drawing	
GIMP (like Photoshop)	GIMP is a graphics editor used for image retouching and editing, free-form drawing etc.
Inkscape (like Corel Draw)	Inkscape designs and creates a wide variety of graphics such as illustrations, icons, logos, diagrams, maps and web graphics.
Blender (like Maya 3D)	Blender is a 3D computer graphics software toolset used for creating animated films, visual effects, art, 3D printed models, games.
QCad	QCAD is used to create technical drawings such as plans for buildings, interiors, mechanical parts or schematics and diagrams.
Synfig	Synfig Studio eliminates the need to create animation frame-by frame, allowing you to produce 2D animation of a higher quality with fewer people and resources.

Scripting Languages / Web Development	
Python	Used for web programming eg. Django, Zope, Google App Engine, Desktop applications, Web Developement sites eg. Facebook, Google search, Wikipedia.
PERL	Perl is a general-purpose programming language useful as a Glue language for tying together systems – hence invaluable to System Administrators and for Web Development.
PHP & MySQL	Used as Web development and Database Management Systems package.
Drupal	Drupal is a content management system (CMS) written in PHP and distributed under the GNU General Public License. Useful for website-building and web applications.

Mechanical / Civil / Electrical – Engineering disciplines	
Open Foam	Data processing and visualisation. Aerodynamics, Building constructions.
Oscad (eSim)	Tool for circuit design, simulation,analysis and PCB design.
QGIS	QGIS is an application that supports viewing, editing, and analysis of geospatial data. It allows users to analyse and edit spatial information, in addition to composing and exporting graphical maps.

Chemistry / Bio-Chemistry	
Avogadro	Avogadro is a molecule editor and visualizer.
GChemPaint	GChemPaint allows you to draw and display 2D chemical structures. Very useful to teach and learn abstract chemistry concepts.
Cell Designer	Cell designer is a drawing tool – a structured diagram editor for biochemical networks & gene-regulatory drawings.
Jmol Application	It is used for molecular modelling chemical structures in 3 dimensions. eg. In molecular biology pertinent structures.

Electronics / Physics	
Arduino	Arduino is an open source platform used for building electronics projects. Or creating interactive objects or environments. eg. Used in Robotics
ExpEYES	ExpEYES stands for Experiments for Young Engineers and Scientists. A tool for learning science by exploring and experimenting.
Single Board Heater System(SBHS)	The application of this device is in the Control Systems area of Engineering.

Learning Management System	
Moodle	Moodle is a learning management system or an online platform for customized learning, assignment and assessment purposes.
LaTeX	The best tool for Technical writing. eg. Math typesetting for Science, Engineering, Technology writing of theses, projects, journal articles, books etc. LaTeX has automatic generation of high quality PDF reports.
Scilab (like MATLAB)	Scientific computation package for Advanced mathematical computations. Use for academics in Physics, Engineering, Applied mathematics, Statistics & in Data Analytics companies and departments.

Contact

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Diana Low – 9833188090 - dianaly3129@gmail.com

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http://spoken-tutorial.org