



No.: 45 / 23-24

Date: 31st August 2023

NOTICE

Subject: Computer-based Courses offered in collaboration with NIELIT Computer Center



This is for information of all concerned that Barasat Govt. College in collaboration with the Data-Q, NIELIT Computer Center, Barasat is going to introduce the above stated courses to build student's technical skill in software programming and application mapped with various disciplines of UG and PG Science and Arts curriculum. These courses will also remain associated to **IIT Bombay Spoken Tutorial**. Beside this, NIELIT will offer 32 hours **Basic Computer Course** to attain mastery over Linux and Windows platform. The one-time registration fee for the interested candidates is Rs.600/- (Rupees Six Hundred Only) for use of State-of-art multimedia lab at NIELIT computer center of this college.

Interested candidates are advised to grab this in-house opportunity and to go through the attached flyer to scan the QR code for registration. Students of all semester are eligible to apply. Ex-Students may also apply as a candidate of Barasat Government College. For any query you may visit the NIELIT Centre or call Sri Pinaki Rudra at 9836111278.

Jayolip De
 Convener, Placement Cell
 Assistant Professor (W.B.E.S.)
 Department of Geography
 Barasat Govt. College

Chatterjee
 Principal
 Principal
 Barasat Govt. College

Copy forwarded for information and necessary action to:

1. The Director & Head (IT Education), College Initiatives, Data-Q, NIELIT Computer Center (ACCR-O1558), Barasat, Kolkata – 700124.
2. HoD of all departments.
3. Guard File.



An initiatives by Barasat Govt. College & NIELIT Computer Center

An effort by IIT-Bombay Spoken Tutorial to build student's Technical skills on subjects in programming and software applications mapped with every subject in Arts, Science and Commerce of Undergraduate and Post Graduate curriculum. Students can excel in applications and coding in addition to their academic studies. Every student will get an opportunity to take 3 different courses in every year and get certificate from IIT-Bombay Spoken Tutorial.

Beside this, NIELIT's 32 hours off-line "Basic Computer Course" will enable students to master Linux & Windows cross-platform in Computer Lab as well. For NIELIT & IIT-Bombay Spoken Tutorial courses, the students have to pay only one time fee of **Rs. 600/-** for use of State-of-art multimedia lab over 150 MBPS internet at the NIELIT Computer Center of the College.

Interested student can express their interest through the Google Form link (Just scan the QR code and Fill the form. No need to pay fees now)



The Spoken Tutorial project

Online audio-video content
 (Student can use Multimedia Lab over 150 MBPS Broadband Internet)

- *Self explanatory - uses simple language
- *Audio-video - uses multisensory approach
- *Small duration - has better retention
- *Learner-centered - learn at your own pace
- *Learning by doing - learn and practice simultaneously
- *Empowerment - learn a new FOSS

NIELIT - Basic Computer Course

Offline 32 hours Interactive class in the Lab

- *Introduction to Computer & O/S using Linux
- *MS-Word, MS-Excel, MS-Power Point & Libre Office
- *Introduction to Internet & WWW
- *E-mail, Social Networking & e-Governance Services
- *Digital Financial Tools & Applications
- *Overview of Future Skill
- *Cyber Security

Avogadro
ChemCollective
Virtual Labs
GChemPaint
Jmol Application
Chemistry

OpenIPSL
OpenModelica
Mathematics

CSS
Drupal
HTML
Joomla
Website Building

Python 3.4.3
R
Data Science

Apps on Physics
ExpEYES/eSim
Physics

Basic IT Skills
(LibreOffice Suite & Firefox)
GeoGebra 5.X
KTouch
KTurtle
LibreOffice Draw
Marble
PhET
Tux Typing
Software for all stream

LibreOffice Base
MySQL
RDBMS PostgreSQL
Database Management

QGIS
Geography

OpenFOAM
(Salome)
Computational Fluid Dynamics

Python 3.4.3
Scilab
Computational Software

Advanced C++
C/C++
Java
NetBeans
PERL
PHP and MySQL
Ruby
Programming Software



BASH
Linux
Linux AWK
Linux for Sys-Ads
Ubuntu Linux
on VirtualBox
OS and Scripting Software

Java Business
Application
Application Software



IIT Bombay

National Mission on Education through
Information and Communication Technology
(NMEICT)