IT CULTURE AND POLICY IN EDUCATIONAL INSTITUTION TO ENHANCE QUALITY EDUCATION

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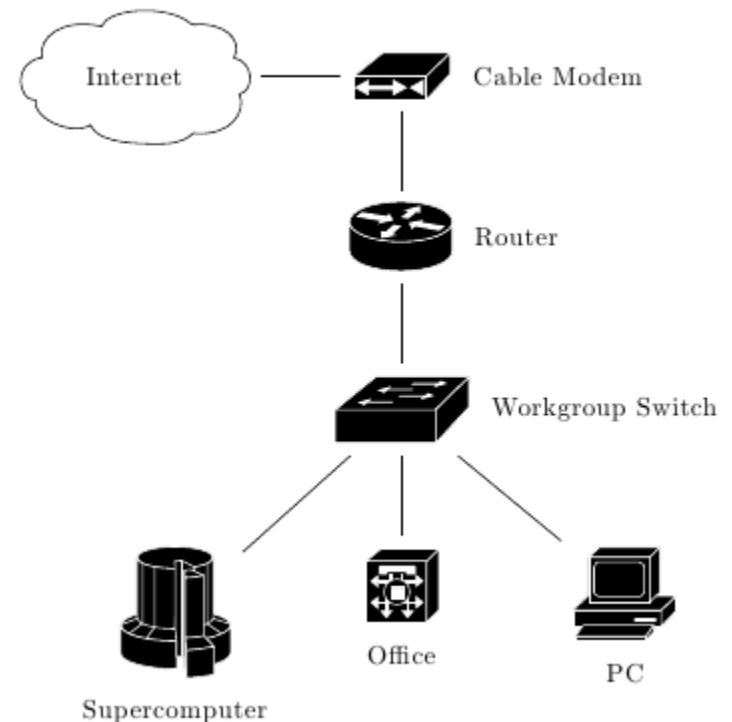
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OUTLINE

1. IT Culture

2. IT Policy in DUET

3. Learning Management System (LMS)

4. General Tools

5. Research Tool

6. Perspective of DUET

7. Enhancing quality of education by using ICT

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IT CULTURE

❑ **We have to adopt IT culture**

❑ **Use of ICT is increasing exponentially**

  ❑ In DUET there are 650 internet connections

  ❑ Most of the faculty member are using internet through their desktop PC in office as well as in house

  ❑ Use Laptop, Tab or Mobile Via Wi-Fi

IT CULTURE

❑ **But a good number of the faculty members do not use their email**
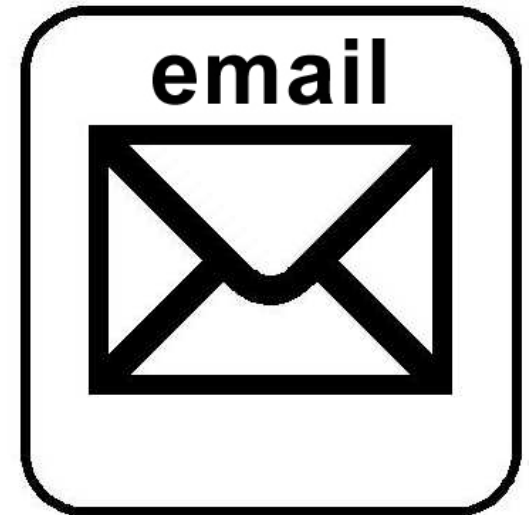
Or

    ❑ Do not response their email.

    ❑ Do not use the email for their communication

    ❑ They don't have email address in duet.ac.bd domain.

IT CULTURE CONTD..

- ❑ **Our officers do not use email**
- ❑ **By email they can send any official document to a specific email address.**
  - ❑ Which can be faster communication and can save huge postal expenditure
- ❑ **In future, computer center wants to send all official notices through email which can save huge paper cost.**
- ❑ **I request all of you to open your email address in duet.ac.bd domain**

email

IT CULTURE CONTD..

❑ **Experience as Director, Computer Center**

❑ **I sent email to all faculty members to collect their profile to upload in duet website**

❑ **Up to Feb, 10th, 2016**

Total Number of Departments	**11**
Total Number of Faculty Members	**192**
Received Profile in Correct Format	**74**
Received Profile in Wrong Format	**4**
Uploaded Profile in DUET Website	**74**

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IT POLICY

❑ **I want to discuss about the IT policy in our institution**

❑ **Though IT sector is one of the promising and focusing sector of the current government**

❑ **But a misery about our IT Policy**

❑ **DUET don't have any server to host their web content**

❑ **So there is a crying need to establish a data center with well equipped server and other high speed networking devices**

FUTURE IT POLICY

❑ **We have to provide IP address to each of the faculty members, officers, staff and even for every students living in hostel.**

❑ **BdRen Project is coming from next July, 2016 to provide a good networking infrastructure in DUET.**

❑ **Lets wait until the project will be ended**

❑ **In future we have to provide email address to every student for forever in duet.ac.bd domain.**

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FUTURE IT POLICY

❑ **Central authentication system**

  ❑ E-governance

  ❑ Online-registration and result publishing

    ❑ Good experience by publishing scanned copy of admission result of DUET

❑ **Integrated library management system (ILMS)**

  ❑ Ongoing project by me

  ❑ I need your help to have an email address in duet.ac.bd for this matter

  ❑ We shall send library due notice through your official email

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LEARNING MANAGEMENT SYSTEM (LMS)

LEARNING MANAGEMENT SYSTEM (LMS)

❑ **A learning management system (LMS) is a software application for the administration, documentation, tracking, reporting and delivery of educational courses or training programs through electronic media also called e-learning.**

❑ **DUET has to spend some money to develop such LMS software for repository of all lecture materials of each department of each faculty member**

❑ **Until unless DUET have a central LMS**

   ❑ I shall introduce some free tool for you

MOODLE

GENERAL TOOLS

❑ **Google Calendar**

    ❑ Scheduling research or other meeting using google calendar

❑ **Google Sites**

    ❑ You can manage your personal, lab of office website for free

❑ **Google Classrooms**

    ❑ Free LMS

❑ **Google Drive**

    ❑ Google docs
    ❑ Google sheets
    ❑ Google slide
    ❑ Google forms

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RESEARCH TOOLS

❑ **Medley Desktop**

   ❑ Research paper management with their references

❑ **Latex**

   ❑ Research paper writing

❑ **Skype**

   ❑ Free video call

❑ **Free or Commercial Simulation Software**

❑ **Free or Commercial Benchmarks**

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PERSPECTIVE OF DUET

❑ We all have to be habituated to use of ICT tools

❑ Even we are from different background but the use of ICT will make our work easier

❑ Student can learn from off campus through e-repository of course and research material

❑ Learning outcome will be achieved easily through ICT

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ENHANCING QUALITY OF EDUCATION BY USING ICT

❑ **If we have repository of LMS or research article in our DUET domain**

❑ **Our published articles, thesis (UGP and Post Graduate), research report, technical report can be stored in digital storage to be accessed from anywhere in the world**

    ❑ [DSpace](#) is an open source repository software package typically used for creating open access repositories for scholarly and/or published digital content.

❑ **DUET Ranking will be increased**

❑ **Quality of our research will be increased**

Thank you all

Q&A

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