A Review to Improve Self Managerial Skills of Engineering Students Using ICT Tools

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Abstract-In present times, the role of employing ICT tools in one's daily life is inevitable. This research paper aims to insist the engineering students that they can improvise their self-managerial skills using ICT tools. The researches of this paper firmly believe that any individual is in need of improvising self-managerial skill ,as it paves way to attain their targeted goals doubtlessly and easily. This study explains about ten useful ICT tools, which highly facilitate the engineering students order to improve the most required self-managerial skills which help them to reduce their stress and enhance their motor skills and productivity skills. This review is based on selected ten ICT tools namely iEnginner-engineering text book, graphing calculator, engineering professional, technical terms,B.Techlibrary,voxit,Reference Generator, Resume builder 2019,Smart receipts, Digi locker. The main purpose of their review is to create awareness among the young engineers for improving themselves. Despite, it illustrates the scope and significance of the ICT tools discussed, their special features and limitations.Finally, this results asserts that any individual can improve their self-managerial skills using ICT tools that are relevant to manage their daily tasks personally, academically, professionally and socially.

Keywords-Essay on role of ict in education, benefits of ict in teaching and learning, effective teaching, learning process with ict, draw aict components, different roles of ict.

I.INTRODUCTION

In this business planet the sale of an idea are in the words. But the words are in English. Thus, English is quoted as global language. In engineering terms we are the English language constructors, we are here to construct a room in the engineering site. The aim of the research is how the English is playing its role in the business world. This study focuses on the business The researcher provides the nuances involved in enriching the knowledge of the students in English proficiency, which yields multiple, or various benefits during their course of study and also in their future workplace.

II. IMPORTANCE OF ENGLISH IN ENGINEERING AND TECHNOLOGY

As we tend to mention earlier within the introduction, English is extremely vital as a result, it's wide spoken all around the world. Knowing English permits folks to fancy their life and work regardless of wherever they're. And English in unremarkable called business language. The main purpose is mastering English is even a lot of vital, not for their educational life, however conjointly for his or her prospective career for the engineers. For example, if we tend to take the machines utilized in construction site during this technology world the manual that has the

directions are in English. Moreover, most engineering professors in various universities are conducting their lectures in English. Hence, engineering students ought to a minimum of master the essential English ability to trot out the unnumbered English lectures, tutorials, labs, comes and papers. Finally, they need to submit their vital theses, still in English. The property of their work determines that being Associate in The nursing engineer must get together and communicate with totally {different| completely different} folks from different parts of the planet. As communication ought to be in English to form a trot out dealers. Thus, English plays the most important role in engineering.

III. ENGINEERS AND ENGINEERING MANAGERS NEED COMMUNICATION SKILL

Work doesn't happen in a vacuum. Engineers ought to communicate on each day — with one another, with supervisors, with folks in several departments, and even with shoppers. Their work is complicated and technical, however not everybody they work with has constant technical experience, that makes it even additional vital for them to possess smart communication skills. Effective communication in engineering is essential to making sure that every one project participants square measure on constant page. When it involves demonstrating smart

communication skills, managers in leadership positions face a gymnastic apparatus. Nearly each a part of a manager's job involves communication. Engineering managers communicate with shoppers, and their supervisors concerning new comes. They additionally relay project parameters, and deadlines to their reports, Whereas providing updates to their managers and shoppers. Smart managers invest important amounts of your time in setting their engineers up for fulfillment. Moreover, regular communication builds trust and makes it easier for all team members to try to their jobs well.

IV. TECHNICAL COMMUNICATION OF ENGLISH IN ENGINEERING

In the workplace, there's a spread of things you would like to put in writing, or produce documents within the geographic point, like progress reports, letters and directive memos. You will ought to produce a lot of advanced varieties of communication like oral and video shows, proposals, instruction manuals, technical descriptions and websites.

You will additionally ought to analysis effectively, discuss concerning technological innovation, talk terms in a very international marketplace and think about the implications of the documents you or your staff turn out. A technical person, operating in engineering, medicine instrumentality producing, the automotive trade, PC code development, or a spread of alternative job areas. Your job is to put in writing user manuals to clarify the steps for building a chunk of apparatus, playing preventative maintenance, or for shipping and handling procedures. Technical communication will increase worker job satisfaction. Staff feel separated if they're ready to have upward communication. This sort of communication is once data flows upward in a company and typically consists of feedback. If bosses or managers square measure ready to hear staff and respond, these results in a rise in worker job satisfaction.

V. ICT TOOLS

I Engineer

I engineer is an android application. It is available to download from Google play store. It is useful to refer conversions, tapping charts, cutter speeds and feeds, decimal equivalent and drill feeds and speeds for every engineering student, industrial or corporate experts. In addition, it increases the most essential productivity skills of the present age students. The prerequisites to use this ICT tool are an android phone, internet facility, self interest, proper planning and preparation,etc. This ICT tool is available in the pro version also for INR 67.04. Its merits are tapping charts and easy to use it. It's demerits are not working properly.

The researchers suggest that this ICT tool helps engineering students to upgrade their self - managerial skills by using it periodically and regularly to yield the best impact, which saves the time, augments the motor skills and allows them to learn furthermore in order to ease their tasks getting completed.

VI. GRAPHIC CALCULATOR

Graphing calculator is an android application. It is available to download from Google play store. It helps the engineering educates to solving simultaneous equations, plotting graphs and performing other tasks with variables for every engineering student, industrial or corporate experts. Additionally, it increases the most essential motor skills of programmable, calculate of the present age students. The prerequisites to use this ICT to are a smart phone, internet facility, self interest, proper planning and preparation,etc.

This ICT tools is available in the pro version also for INR 8.99. It's merits are to draw conclusions about mathematical relationships, interpret data and etc. ItsIt's demerits are data misinterpretation, complacency, etc.The researchers recommend that this ICT tools to facilitate the students of engineering students to improve self managerial skills by using it periodically and regularly to submit the best effect that saves the time, augments the motor skills and allows them to learn furthermore to ease their tasks getting completed.

VII. TECHNICAL TERMS

Technical term is an Android application. It is available to download from Google play store. It assists the young technocrats to refer to test your knowledge with the random term generator, easy to understand definitions for every engineering student industrial or corporate experts. Furthermore it increases the most essential application oriented knowledge of the present age students.

The prerequisites to use this ICT tool are an android phone, internet facility, self interest, proper planning and preparation etc.This ICT tool has no pro version as it is completely free of cost. Its merits are helping for engineering students to refer their books, easy format to know about it. ItsIt's demerits are not available in offline mode. The researchers advise that this ICT tool assists the young technocrats to upgrade their self-managerial skills by using it periodically and regularly to demands the best affect, which saves the time, arguments the motor skills and allows them to learn furthermore in order to ease their tasks getting completed.

VIII. B.TECH. LIBRARY

B.Tech Library is an android. It is available to download from Google play store. It facilitates the students of

engineering to refer their subjects and take notes for every engineering student industrial or corporate experts. Moreover, it increases the most essential creativity skills of the present age students. The prerequisites to use this ICT tool are an android phone, internet facility, self interest, proper planning and preparation etc.

This ICT tool has no pro version as it is completely free of cost. Its merits are no physical boundary, round the clock availability, information retrieval, preservation and conservation, structure approach, multiple accesses. Its demerits are preservation, efficiency, band width, initial cost is high, the speed of access.

The researchers suggest that this ICT too facilitates the students of engineering to upgrade their self-managerial skills by using it periodically and regularly to pressure the best control, which saves the time, augments the motor skills and allows them to learn furthermore to ease their tasks getting completed.

IX. VOXIT

Voxit is an android applications. It is available to download from Google play store. It aids engineering students to refer listen offline, discover books, easy navigation, free exchange, sync for every engineering student industrial or corporate experts. In addition, it increases the most essential critical thinking skills of the present age students. The prerequisites to use this ICT tool are an android phone, internet facility, self interest, proper planning and preparation, etc.

This ICT tool is available in the pro version also for INR 30. It merits are easy to follow, participate feel more engaged , easier to remember, helps keep mistakes at a minimum. Its demerits are it's easier to lose focus, requires a well designed presentation or material.

The researchers suggest that this ICT tool helps its aids engineering students to upgrade their self-managerial skills by using it periodically and regularly to demand the best impacts, which saves the time, augments the motor skills and allows them to learn furthermore to ease their tasks getting completed.

X. REFERENCE GENERATOR

Reference Generator is an android applications. It is available to download from Google play store. It is useful to refer and to simplify the often tedious task of constructing and managing academic reference, software development, build citations for books, journals and websites for every engineering student industrial or corporate experts. In addition, it increases the most essential motor skills of the present age students. The prerequisites to use this ICT tool are an android phone internet facility self interest, proper planning and

preparation, etc. This ICT tool has no pro Version as it is completely free of cost. Its merits are easy to do bibliography for conference and easy to store the materials in smartphones. Its demerits are not available in off line mode. The researchers advise that this ICT tool facilitates the students of engineering to develop their self-managerial skills by using it periodically and regularly to submit the best impress, which saves the time, augments the motor skills and allows them to Learn furthermore to ease their tasks getting completed.

XI. RESUME BUILDER

Resume Builder is an android application. It is available to download from Google play store. It aids engineering students to refer copy, create, manage and delete multiple profiles in resume for every engineering student, industrial or corporate experts. Furthermore, it increases the most essential application oriented knowledge of the present age students. The prerequisites to use this ICT tool are a smartphone, internet facility, self interest, proper planning and preparation, etc.

This ICT tool is available in the pro version also for free of cost. Its merits are save time and money, professional tips and examples, no need to purchase extra software and professional and tested layout. It's demerits are not having 100% control over the template, cannot choose your own font and hard to use.

The researchers suggest that this ICT tools helps engineering educates to improve their self-managerial skills by using it periodically and regularly to repent the best effect that saves the time, augments the motor skills and allows them to learn furthermore in order to ease their tasks getting completed.

XII. SMART RECEIPTS

Smart receipts is an android application. It is available to download from Google play store. It assists the young technocrats to refer generate PDF, CSV and ZIP reports, create expense report 'folders', save receipt price, tax and currency, import PDF receipts, create edit, delete all receipt categories, track mileage for every engineering educates, industrial or corporate experts. Besides, it increases the most essential creativity skills of the present age students. The prerequisites to use this ICT tool are an android phones internet facility, self interest, proper planning and preparation,etc.

This ICT tool is available in the pro version also for free of cost. It's Its merits are easy to create a folder , easy to edit or delete the receipts and store the data easier than others. It's demerits are not working properly while the internet connection is low.

The researchers advocate that this ICT tool aids engineering students to improve their self-managerial skills by using it periodically and regularly to demand the best determine, which saves the time, augments the motor skills and allows them to learn furthermore to ease their tasks getting completed.

XIII. DIGI LOCKER

Digi locker is an android application. It is available to download from Google play store. It is useful to access certificates and documents such as vehicle registration, driving license, academic mark list in digital format from their original issues of certificates for every engineering educates, industrial or corporate experts. In addition, it increases the most essential critical thinking skills of the present age students. The prerequisites to use this ICT tool are smart phone, internet facility, self interest, proper planning and preparation, etc.

This ICT tool is available in pro version. Its merits are private cloud storage, turnaround time, unlimited usage, E-signature facility, no corruption and free service. It's demerits are the bottom line, registration restrictions and only for users with aadhar card.

The researchers suggest that this ICT tool assists the young technocrats to upgrade their self-managerial skills by using it periodically and regularly to pressure the best impress that saves the time, augments the motor skills and allows them to learn furthermore to ease their tasks getting completed.

XIV. CONCLUSION

As communication plays a major role in this business world to survive and should have the basic knowledge in English. In engineering the English plays the major role in dealing with the matters of construction and to cooperate with their colleagues who are in different parts of the world.

REFRENCES

[1] Jennifer Lombardo, Workplace Communication: Importance, Strategies & Examples - Video & Lesson Transcript | Study.com
[2] GhadaEweda , How important is technical communication in the workplace? - Bayt.com Specialties
[3] Herve, Siuchung, Junlin, Jingyi, Michael , The importance of English for engineering students – e10alpha (Herve, Siu Chung, Junlin, Jingyi, Michael)
[4] krishnaNadikes, CareerVillage | What are the pros and cons about…
[5] kristineTucker , What Are the Advantages & Disadvantages of Using Graphs in Math? | SciencingJane Doe, Resume Builder for 2019 | Free Resume Builder | Novorésumé