



Shri. A V Dhammanagi Vision Foundation ®

KALPAVRUKSHA MODEL SCHOOL

SUBJECT : INFORMATION TECHNOLOGY (402)

TOPIC : Introduction IT and ITeS Industry

CLASS : IX

PART 2

Online resources

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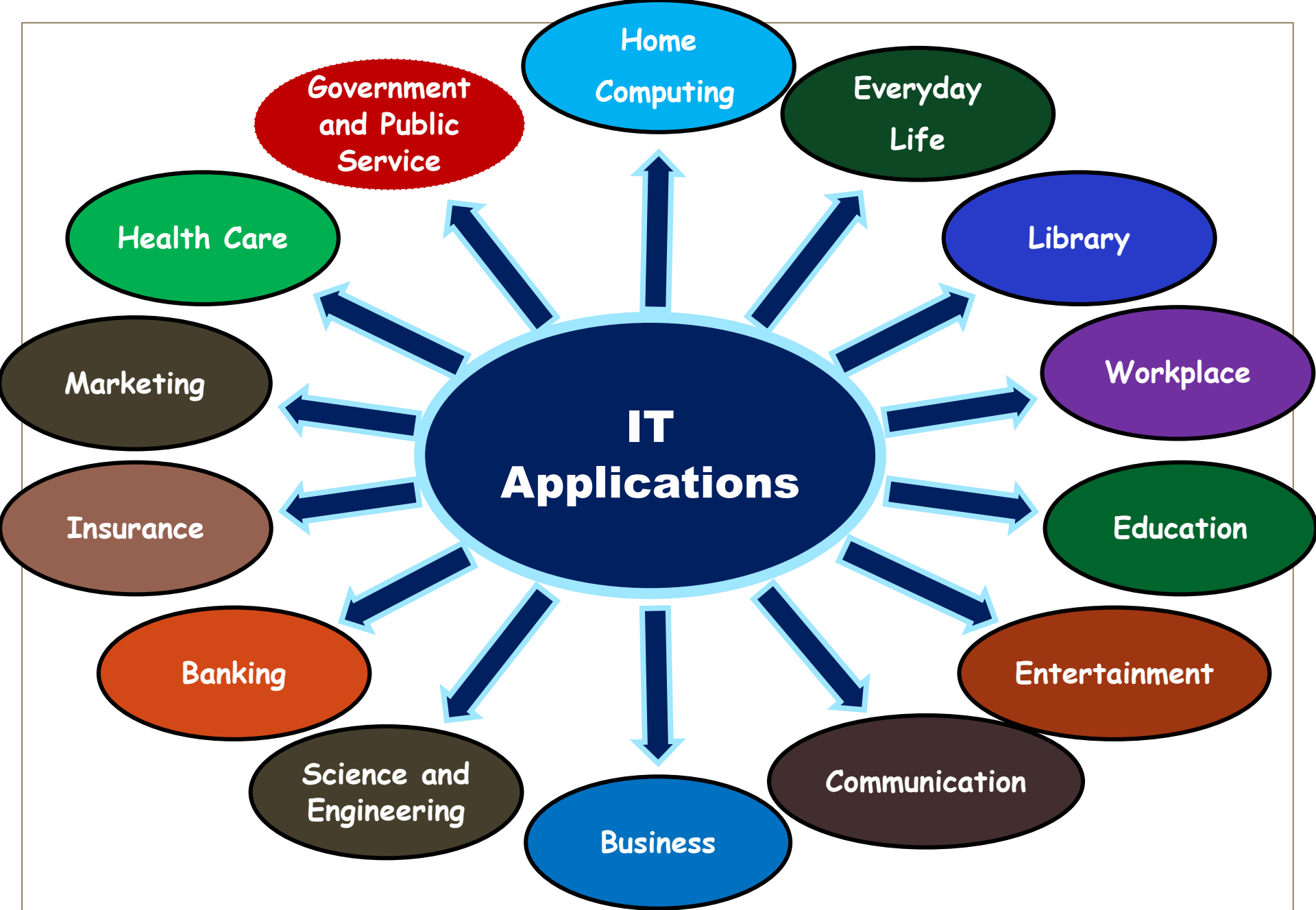
Alankar Nagar, Murgod Road, Bailhongal - 591102

E-mail: kalpavrukshamodelschool@rediffmail.com website: www.kmsedu.in



IT Applications





IT in home Computing



➤ A personal computer (PC) is used to work at home, to do household accounts, play games, surf the web, use e-mail, listen to music, and pursue a range of other hobbies.

IT in Everyday Life



➤ In our daily life, we use washing machines, microwave oven and many other products.

IT in library



- Nowadays many libraries are computerized.
- Each book has a barcode associated with it.

IT at workplace



- In the office environment, computers and computer applications are used to perform office work more effectively.

IT in education

➤ Computers and Information Technology are extensively used in education for teaching-learning and assessment.



(a) ICT in the classroom

(b) Education — anywhere anytime

(c) Teaching aids and media

(d) Learning Management System (LMS)

IT in entertainment



- Information Technology has had a major impact on the entertainment industry.
- Internet is a major source of entertainment.

IT in communication



- Communication is used to convey messages and ideas, pictures, or speeches.

IT in business

- Computers are used in business organizations for payroll calculation, budgeting, sales analysis, financial forecasting, managing and maintaining stocks.

IT in science and engineering

- Scientists and engineers use computers for performing complex scientific calculations, Computer Aided Design (CAD) or Computer Aided Manufacturing (CAM) applications are used for drawing, designing and for simulating and testing the designs.

IT in banking



- Computer is an essential part of the modern banking system. Every activity of a bank is now online. The customer's data and transactions are recorded by computers.

IT in Insurance

- Insurance companies keep all records up to date with the help of computer database. Procedures for continuation of policies, starting date, date of next installment, maturity date, interest dues, survival benefits, and bonus are declared by using computers in insurance companies.

IT in marketing

- In marketing, computers are used for advertising of products, by using arts and graphics facility it is possible to create interesting advertisements of various products so that the goal of selling can be achieved.

IT in health care

- ICT is used in the health sector in numerous ways. Hospital Management System is used to maintain and manage patients' records as well as various activities pertaining to hospital administration.

Use of ICT in Diagnosis



Computerized Axial Tomography Machine (CAT)



Magnetic Resonance Imaging Machine (MRI)



Electrocardiogram (ECG) Machine



Cardiac Screening Machine



Electro encephalography (EEG) Machine



Blood Sugar Testing Machine



Blood Pressure Measuring Machine

IT in the government and public service

- The government uses large-scale computer applications in its daily operations and is actively encouraging e-governance practices.
- www.nic.in (National Informatics center)
- www.nvsp.in (National voter service portal)
- www.uidai (unique identification authority of India)
- www.kpsc.nic.in (Karnataka public service commission)



THANK
YOU

Prepared By: Mahboobi Sayyad

Verified By: Fairoz Sayyad (HOD Computer Science)