

BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY

Brochure

ICT/COMPUTING SKILLS

SESSION 2021-22





PREFACE

The twenty first century belongs to India and the educational institutions have great responsibility to create and foster an army of highly qualified human power. We live in exciting times. The dawn of the knowledge age has brought with it an unprecedented opportunity for delivering a higher quality of education, in more engaging ways, to a wider audience than ever before. Information and Communication Technologies (ICTs) have the potential to act as revolutionary tools, opening doors to anyone learning anywhere, anytime.

One may be armed with good competence of one's subject but one cannot compete with his peer groups unless one has the right blend of ICT's along with requisite technical skills. Performance of individual can be ensured with the demonstration of certain abilities that can help a professional communicate, corroborate, convince, evaluate and look into the continuing as well as the upcoming trends of the corporate world from time to time.

Baba Farid College of Engineering & Technology through Dept. of CSE is organizing a course on ICT's. The policies and programmes, models and materials, networks and indicators of this programme seek to realise this potential of ICTs to transform education, making the goals of Education for All. Emphasis will be on interactive and experiential learning with diverse blend of case studies, role plays, management games, lectures, exercises and peer review/feedback. Exercises and development of course modules are integrated in the programme to make learning a pleasure and to better understand the application of creativity and ICTs.

MODULES

- 1. Session on Social Media Management**
- 2. Session on Web Development**
- 3. Session on Internet of Things**

EXPECTED OUTCOMES

- Enhanced support and responsiveness of ICT to the changing core business of the University
- Enhanced security of ICT resources and safety of people working in ICT environments
- Increased effectiveness of ICT human resources and exploitation of ICT resources by users
- Enhanced teaching and learning

Date of Commencement : 13 April, 2022

Course Coordinator : Ms. Amritpal Kaur

ICT and Computing Skills:

Technology can be used for creation and communication of information. The term Information and Communication Technology (ICT) includes various forms of technologies that are used to create, display, store, process, transmit, share or exchange information by electronic means (UNESCO 2007). Such a discipline which deals in the creation and communication of information Computer skills can be imbibed among students by organizing various events like seminars, expert lectures, technical competitions, hands-on workshops etc. Industrial visits also contribute to enhancing the technical knowledge of students of B. Tech all branches.

Objectives:

1. To make students aware about wide range of technology software.
2. To make students aware about social media management.
3. Develop and build knowledge in students to understand the Industry requirements and meet their career goals.
4. To make students aware about data management.
5. Proficient to work in multitasking environment.

Activity Calendar for session 2021-2022:

Sno	Event type	Event Name	Target Audience	Date of Execution	Event Coordinator / Resource Person
1	Workshop	Workshop on Social Media Management	B. Tech 1 st year all branches	13 April, 2022	Mr. Pawan (86072-04087)
2	Workshop	Workshop on Web Development	B. Tech 2 nd & 3 rd year all branches	18 April, 2022	Mr. Ashok Khaira, Softwizz Pvt. Ltd.
3	Workshop	Workshop on Internet of Things	B. Tech 2 nd & 3 rd year all branches	4 th May, 2022	Mr. Gagandeep Sawhney (Chief Information Officer- Solitaire Infosys)