BABA FARID COLLEGE

OF ENGINEERING & TECHNOLOGY

Brochure

ICT/COMPUTING SKILLS

SESSION2020-21

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 corporateworldfromtimetotime.

Baba Farid College of Engineering & Technology through Dept. of CSE is organizing a course on ICT's. The policies and programmers, 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 creativityand ICT's.

MODULES

1. **Session on Agile Methodology for Software Development**

2. **Session on Online programming Quiz" SMART HACKS-2020-21"**

3. **Session on e-Learning**

EXPECTED OUTCOMES

- Enhanced support and responsiveness of ICT to the changing core business of theUniversity
- 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 : 11th July, 2020

Course Coordinator   : Ms. Ramandeep Chahal

ICT and Computing Skills:

Today's, ICT skills are abilities that help you understand and operate a wide range of technology software. ICT skills can also include any direct interaction with technology. Computer skills are playing key roles in colleges, homes and workplaces. So, the institute always puts its efforts to make students of Baba Farid College of Engineering & Technology efficient in using computers and enhancing their computer skills.

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 a 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 a multitasking environment.

Activity Calendar for session 2020-2021:

Sno	Event type	Event Name	Target Audience	Date of Execution	Event Coordinator / Resource Person
1	Workshop	Expert talk on Agile Methodology for Software Development	B. Tech 2nd& 3rd year all branches	11 July 2020	Mr Prateek Singh Jassal, at Infosys Chandigarh
2	Workshop	Online programming Quiz "SMART HACKS-2020-21"	B. Tech 2nd& 3rd year all branches	26 Nov 2020	Ms. Radhika Sharma , EICT IIT Kanpur
3	Workshop	Session on e-Learning	B. Tech 1st year all branches	27 Nov 2020	Dr S Suresh Kumar, Chief technical officer pywis analytical companies