TECHNOVA

Annual Tech Fest · 2020

Organized by Department of Computer Science in collaboration with Department of Electronics
Fakir Chand College

Annual Tech Fest of the year 2020 **TECHNOVA** is going to be organized by Department of Computer Science in collaboration with Department of Electronics of Fakir Chand College to be held at College premises as well as online web portals from Thursday, 20th February, 2020 to Tuesday, 25th February, 2020. This year we managed to keep some offline events as well as some online events for students including a Workshop and a Seminar.

OFFLINE EVENTS

20TH FEBRUARY, 2020 - THURSDAY

09:30 AM – 10:00 AM
REGISTRATION VERIFICATION, OFFLINE
All students who have registered for any Offline Events to be held on 20th February, needs to be verified at our Registration/Verification Desk (B. ED Building, Fakir Chand College)

10:00 AM – 11:30 AM
INAUGURATION
Inauguration of the TECHNOVA will take place with the presence of Principal, Bursar & Departmental HODs of Science Departments of Fakir Chand College at B. ED Seminar Hall.

11:30 AM – 11:45 AM
WEB PORTAL INAUGURATION
Web Portal for upcoming Online Events will be inaugurated by our Principal, '*Dr. Somen Chanda*' at B. ED Seminar Hall.

12:00 PM – 01:45 PM
WORKSHOP
A Workshop named "**Build Your Own Computer**" will be delivered by '*Prof. Atanu Roy'* at B. ED Seminar Hall.

01:45 PM – 02:00 PM
TEA BREAK
A small Tea Break is allotted between two consecutive events**.**

02:00 PM – 03:45 PM
SEMINAR
A Seminar about the topics "**Synthesis and Application of Advance Li-ion Solid State Battery**" will be delivered by '*Dr. Liton Balo*' at B. ED Seminar Hall**.**

24ᵀᴴ FEBRUARY, 2020 - MONDAY

09:30 AM – 10:00 AM

REGISTRATION VERIFICATION, OFFLINE

All students who have registered for any Offline Events to be held on 24th February, needs to be verified at our Registration/Verification Desk (Department of Computer Science, Fakir Chand College)

10:00 AM – 10:40 AM

PRELIMS

All Prelims of the Technical Contest Events will be completed within this time slot at '*Department of Computer Science*'. And Selected candidates will be notified for Final Contest.

10:45 AM – 11:35 AM

CODE-ARENA

Final Contest for CODE-ARENA will take place at '**Software Lab**' of '*Department of Computer Science*'.

TECHNOMANIA, INTRODUCTION TO ANDROID

An introductory tutorial class on '*Android Development without Coding'* will be taken by '*Ammar Hossain Laskar*' at '**Theory Room 1**' of Department of Computer Science.

11:35 AM – 12:25 PM

DIGIKIT

Final Contest for DIGIKIT will take place at '**Hardware Lab**' of '*Department of Electronics*'.

TECHNOMANIA, INTRODUCTION TO ARDUINO

An introductory tutorial class on '*Arduino Programming'* will be taken by '*Ammar Hossain Laskar*' at '**Theory Room 1**' of Department of Computer Science**.**

12:30 PM – 02:00 PM

TECHSHOW

A TECHSHOW on one of the Latest Trends in Today's Computer & Technology "**3D Printing Technology**" will be presented by '*Gyan Krishna Sreekar'* at B. ED Seminar Hall**.**

02:00 PM – 02:50 PM

BATTLE OF WORDS

Final Contest for BATTLE OF WORDS will take place at '**Theory Room**' of '*Department of Computer Science*'**.**

02:50 PM – 03:40 PM

DRAW THE WEB

Final Contest for DRAW THE WEB will take place at '**Software Lab**' of '*Department of Computer Science*'**.**

25ᵀᴴ FEBRUARY, 2020 - TUESDAY

09:15 AM – 10:00 AM
REGISTRATION VERIFICATION, OFFLINE

All students who have registered for any Offline Events to be held on 25ᵗʰ February, needs to be verified at our Registration/Verification Desk (B. ED Building, Fakir Chand College)

10:00 AM – 11:00 AM
INAUGURATION

Inauguration of the Final day of TECHNOVA will take place with the presence of Principal & Bursar of Fakir Chand College, Honorable Judges & Guests at B. ED Seminar Hall.

11:00 AM – 11:45 AM
PRELIMS

All Prelims of the Technical Contest Events will be completed within this time slot at 'Prelims Room of *B. ED Building*'. And Selected candidates will be notified for Final Contest.

11:45 AM – 12:30 PM
DIGIKIT, MASTERING IC

Final Contest for DIGIKIT (Mastering ICs) will take place at '**Hardware Lab**' of '*Department of Electronics*'.

DIGIKIT, EXPERTISE ARDUINO

Final Contest for DIGIKIT (Expertise Arduino) will take place at '**Hardware Lab**' of '*Department of Computer Science*'.

DRAW THE WEB

Final Contest for DRAW THE WEB will take place at '**Software Lab**' of '*Department of Computer Science*'.

12:30 PM – 01:15 PM
DATA PIRATE

Final Contest for DATA PIRATE will take place at '**Hardware Lab**' of '*Department of Computer Science*'.

CODE ARENA

Final Contest for CODE ARENA will take place at '**Software Lab**' of '*Department of Computer Science*'.

01:15 PM – 01:45 PM
LUNCH BREAK

A small Lunch Break is allotted between consecutive events.

01:45 PM – 02:00 PM
SYNTACTIC

Final Contest for SYNTACTIC will take place at 'Prelims Room of *B. ED Building*'.

02:00 PM – 02:15 PM
BUG HUNTER

Final Contest for <u>BUG-HUNTER</u> will take place at 'Prelims Room of *B. ED Building*'**.**

02:30 PM – 03:30 PM
MINDBEND

Final Contest for <u>MINDBEND</u> will take place at '*B. ED Seminar Hall*' after a short prelim of 10 minutes from 2:15 PM at 'Prelims Room of *B. ED Seminar Hall*'

03:45 PM
WINNER DECLARATION & EVENT CLOSING CEREMONY

All Winners of All the Contests – Inter College Contests, Intra College Contests, Online Event Contests - will be declared and the closing ceremony of the event "*TECHNOVA*" will be completed with a Vote of Thanks from Departmental HODs of Department of Computer Science & Department of Electronics of Fakir Chand College.

ONLINE EVENTS

(All online Events will be on 'Hackerearth'. Registration ID from Online Events Registration & Email ID used in Registration both are needed to use the web portal.)

ALL ONLINE EVENTS WITH TIME SPAN OF CONTESTS

20/02/2020 - 12:30 PM – 24/02/2020 - 12:30 PM
TREASURE HUNT

20/02/2020 - 12:30 PM – 24/02/2020 - 12:30 PM
PROTOMATE

21/02/2020 - 12:30 PM – 24/02/2020 - 12:30 PM
POSTER-MAKER

22/02/2020 - 12:30 PM – 23/02/2020 - 12:30 PM
CODE-ARENA, REAL-LIFE

22/02/2020 - 07:30 PM – 23/02/2020 - 07:30 AM
DECRYPTUS

23/02/2020 - 01:30 PM – 24/02/2020 - 01:30 PM
CODE-ARENA, SUBJECTIVE

24/02/2020 - 09:30 PM – 24/02/2020 - 09:45 PM
MINDBEND

OUR EVENT DETAILS

INTER COLLEGE EVENTS

- DIGIKIT (Mastering ICs): This event is on Digital Electronics and IC (74 series) based. Participants needs to Draw the Circuit Diagram on given Paper & Implement the Circuit using provided ICs & Other components.
- DIGIKIT (Expertise Arduino): This event is on Digital Electronics and Arduino (Arduino UNO) based. Participants needs to draw the Circuit Diagram with Fritzing Software (provided) and needs to show the code on Arduino IDE (provided).
- DRAW THE WEB: This is a Website Design Contest based on HTML, CSS & JavaScript. A sample Website theme will be given and participants needs to make the website.

- DATA-PIRATE: This is a Database Contest based on SQL (ORACLE). Participants needed to solve two queries on provided table.
- CODE-ARENA: This is a coding contest based on Programming Languages: C, C++, JAVA. Participants needed to implement the code in compiler (Dev-C++ for C & C++; NetBeans for JAVA).
- SYNTACTIC: This is MCQ type / Direct Answer type contest to Find Programming Language Name from a Given Code Syntax.
- BUG-HUNTER: This is a BUG / Error Finding Contest from some given snippet of codes.
- MINDBEND: This is a Technology based Quiz Contest.

INTRA COLLEGE EVENTS

- DIGIKIT: This event is on Digital Electronics and IC (74 series) based. Participants needs to Draw the Circuit Diagram on given Paper & Implement the Circuit using provided ICs & Other components.
- CODE-ARENA: This is a coding contest based on Programming Languages: C, C++, JAVA. Participants needed to implement the code in compiler (Dev-C++ for C & C++; NetBeans for JAVA).

- DRAW THE WEB: This is a Website Design Contest based on HTML, CSS & JavaScript. A sample Website theme will be given and participants needs to make the website.
- BATTLE OF WORDS: This is a Debate Competition on "*Facebook in Daily Life*".

ONLINE EVENTS

- TREASURE HUNT: This event is on finding answers of some given theme-based (will be revealed at website on event day) questions.
- PROTOMATE: This event is to develop the prototype of a software on a given theme (will be revealed at website on event day).
- POSTER-MAKER: This event is about designing of a Poster / Banner on a given theme (will be revealed at website on event day).

- CODE-ARENA: This is a Coding Contest which will be conducted through Hackerearth Compiler on their website.
- DECRYPTUS: This is a Decryption Technology based Contest.
- MINDBEND: This a Technology based Quiz Contest.

** **Final Decision about any Event will be taken by Team TECHNOVA.** **