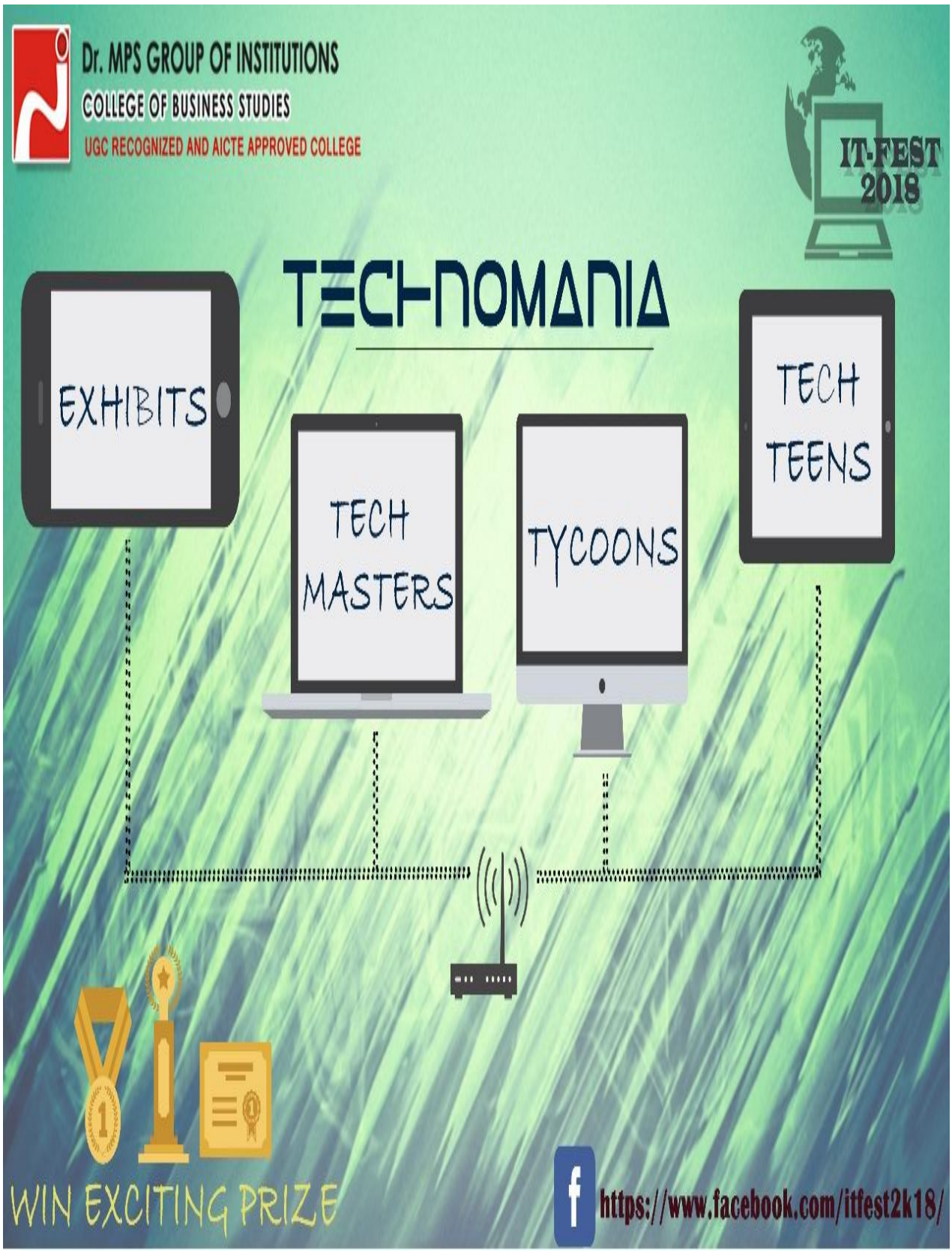
Dr. MPS GROUP OF INSTITUTIONS
COLLEGE OF BUSINESS STUDIES
UGC RECOGNIZED AND AICTE APPROVED COLLEGE
IT-FEST 2018
TECHNOMANIA
EXHIBITS
TECH MASTERS
TYCOONS
TECH TEENS
WIN EXCITING PRIZE
https://www.facebook.com/itfest2k18/

Dr. MPS
GROUP OF INSTITUTIONS
विद्या धनम् सर्वधन प्रधानम्

DEPARTMENT OF INFORMATION TECHNOLOGY

PRESENTS

"TECHNO-MANIA"

IT-FEST 2018

08TH AND 09TH MAY

VENUE: Dr. MPS COLLEGE OF BUSINESS STUDIES SIKANDRA, NEAR NAVIN SABZI MANDI, AGRA-282007

IT-FEST 2018: "Techno-Mania"

Introduction

IT-FEST 2018 is an initiative of Department of IT to nurture the budding developers with technical skills and competitiveness to prove dexterous edge over the others. Techno-Mania is the finest platform for the ingenious minds to show their talents in technical field & come together to put their skills to test. It is an assortment of various technological activities and literary events to honour the student's interests, competencies and technical skills. It aims to Motivating students to come together and share their enthusiasm and love for Technology.

It provides an opportunity to the students, wherein they can exhibit their technical competence, knowledge and skill sets required to be an effective developer. The two day program known for hosting a variety of events that include competitions, exhibitions, lectures as well as workshops. The fest has been conducted for the past 3 years and the numbers of participants last time were above 200.

The IT fest is an annual program conducted by the students of BCA department. There are more than three hundred students who spend their sweat and blood for the success of this event.

Techno-Mania Objectives:

- To create awareness amongst Students of IT and Management about the practical exposure of the latest trends in technology sector.
- To search the talent among the students and to bring the various educational facets of the students to the surface.
- Enable students to brush-up their technical skills.

Schedule: Event, Date, Day, Venue, Timing

Event	:	Techno-Mania
Convener	:	Mr. Vikas Chandra Sharma
Coordinators	:	Mr. Varun Modi, Mr. Amendra Singh Mr. Vijay Bhadoria, Mr. Vineet Mishra, Mr. Gyanendra Singh Tomar
Event Advisory Member	:	Dr. A.K. Jain, Mr. Piyush Agarwal (Dean C-Cube), Mr. Praveen Satya (Head T&D)
Date	:	08th and 09th May, 2018
Day	:	Tuesday and Wednesday
Venue required	:	IT lab, Mini-Auditorium, Auditorium, 6 Class Rooms
Timing	:	09:00 Hrs to 17:00 Hrs on both days

<u>Eligibility for participation (Students who are studying in):-</u>

10th to 12th class students/B.Sc./BCA/BBA/B.COM/MBA/M.Sc./MCA/B. Tech./ M. Tech. Students from CS/IT are eligible to participate.

Techno-Mania: IT FEST 2018

Department of IT is conducting IT Fest as per the time slots indicated in the Programme Schedule. Following are the major events, which would be part of this event.

- COMPETITIONS
  - TECH TEENS (Inter School Competition)
  - TECH MASTERS (Inter College IT Competition)
  - TYCOONS (Inter College Competition)
  - BIG SHOT (Inter College Competition)
  - INNOVATION IDEATION (Inter College Competition)
  - CRAZY SELFIE

- EXHIBITS
  - INFORMATION AND CYBER SECURITY: SOCIAL MEDIA, APPS, H/W
  - WHATS NEW/ FUTURE OF TECH
  - DATA SCIENCE: TECHNOLOGY, APPS AND SERVICES
  - TROUBLESHOOTING
  - INNOVATION IDEATION
  - ECOMMERCE AND DIGITAL PAYMENT

SCHEDULE OF IT-FEST 2018

S.NO.	DATE	TIME	EVENT TYPE	EVENT NAME	ROUND	LOCATION	DURATION	COORDINATORS
1	08-May-18	9:00 AM	COMPETITION	TECH TEENS: QUIZ MANIA	1	AUDITORIUM	60 MIN	
				TECH TEENS: TECHNO POINT	2	IT-LAB	20 MIN	
				TECH TEENS: COMBAT GAMING	3	IT-LAB	30 MIN	
2		11:30 AM	SEMINAR	MINOR SEMINAR BY VARUN MODI TO TECHTEENS	NA	AUDITORIUM	10 MIN	
3		11:45 AM	COMPETITION	PRIZE DISTRIBUTION OF TECH TEENS	NA	AUDITORIUM	15 MIN	
4		1:00 PM	COMPETITION	BIG SHOT: PLAN A BUSINESS	NA	AUDITORIUM	90 MIN	
5		3:00 PM	WORKSHOP	WORKSHOP BY MPS STUDENT ON ADOBE PRODUCTS LIKE DREAMWEAVER, PHOTOSHOP ETC.	NA	AUDITORIUM	90 MIN	
6	09-May-18	9:00 AM	COMPETITION	TYCOONS: AD MAD ROUND	1	AUDITORIUM	45 MINS	
				TYCOONS: MANAGEMENT QUIZ	2	AUDITORIUM	45 MINS	
				TYCOONS: PLAN A BUISNESS	3	AUDITORIUM	30 MINS	
				TYCOONS: EXTEMPORE	4	AUDITORIUM	15 MINS	
7		12:00 PM	COMPETITION	TECH MASTERS: POSTER PROMOTION	1	AUDITORIUM	15 MINS	
				TECH MASTERS: CODE BUZZ	2	IT-LAB	15 MINS	
				TECH MASTERS: DECODE AND DEFUSE	3	IT-LAB	15 MINS	
				TECH MASTERS: EXPLORE IT	4	AUDITORIUM	15 MINS	
8		2:00 PM	SEMINAR	SEMINAR BY SOME INDUSTRY EXPERT ON LATEST TECHNOLOGY	NA	AUDITORIUM	60 MIN	
9		3:00 PM	VALEDICTORY	PRIZE DISTRIBUTION, HONOURING JUDGES AND CHIEF GUEST; VOTE OF THANKS	NA	AUDITORIUM	30 MIN	

NOTE: ALONG WITH ABOVE COMPETITION AND EVENTS IT-FEST 2018 WILL BE HAVING EXHIBITS DISPLAYED IN 6 ROOMS WHICH WILL BE OPEN ON BOTH DAYS OF FEST BETWEEN 10:00 HRS TO 15:00 HRS.

Registration Details:-

Last Date of Registration	:	07th May 2018
Registration	:	Rs. 50/= per students for Inter mediate level
	:	Rs. 50/= per students-event for UG/PG level

Note: Registration Forms are also Available at Our college website http//www.mpsgroup.org.in which should be submitted along with the mentioned registration fee to the Department of IT.

Rules and Regulations for the Event

1) **TECH TEENS:** It's an inter school competition where student's from different schools will seek to display their technological prowess.

   a) **Round 1- Quiz Mania:** It's a 15 min. round where students can download a pre prepared booklet of 100 questions from college website www.mpsgroup.org.in and from this they would be getting 20 questions in first round. Quiz will be online.

   b) **Round 2- Techno Point:** It's a 15 min. round. Here Students needs to design the 5 slides in power point using Internet on given topics. Students will be judged for their uniqueness & creativity. Topics will be given to them on the spot. Suggested topics are: Digital India, Swacchta Abhiyaan, Internet boon or ban etc.

   c) **Round 3- Combat Gaming:** It's a 15 min round. Students are provided with the game and they need to solve/win/score it within a given time frame.

   d) **The results declared shall be deemed final and will not be disputed in any circumstances.**

   e) **No nuisances will be tolerated and will lead to disqualification.**

2) **TECH MASTERS:** It's an inter college competition where CS/IT student's from different colleges will participate in teams of four and seek to display their technological prowess.

   a) **Round 1- Poster Promotion:** Here teams would be required to prepare a digital poster on promotion of "Digital India" campaign and submit it to

event coordinators. Their poster will be posted on Facebook official page of the IT-Fest (https://www.facebook.com/itfest2k18/). They have to get maximum likes on their poster and the top 6 teams with maximum likes will be shortlisted for the next round. Teams using unfair means like Autolikers will be suspended from the event. The event will start online from 01-May-18 and will end on 08-May-18 at 12:00 am (midnight).

b) **Round 2- Code BUZZ-** : It's an 15 min. round. Programming is similar to a game of golf. The point is not getting the ball in the hole but how many strokes it takes thus sorting out a complicated idea into little steps. And that's the real essence of programming.
   - **i)** This programming round contains 2 questions based on C/C++.
   - **ii)** Teams can select anyone of them.
   - **iii)** Questions will cover implementation of common c and c++ concepts. Perform Coding in C/C++.
   - **iv)** Teams will type program on their laptop and display it to judges on projector screen.
   - **v)** Winner will be selected on the basis of better programming Logic implemented & Proper Documentation

c) **Round 3- Decode and Defuse**: It's an 15 min round. Everyone knows that debugging is twice as hard as writing a program in the first place. So if you are as clever as you can be when you write it, how will you ever debug it?

   - **i)** Teams will be provided a c/c++ program for debugging and then get the desired result out of it.
   - **ii)** Teams will type program on their laptop and display it to judges on projector screen.
   - **iii)** Winner will score on the basis of speed of debugging and amount of bugs debugged.

d) **Round 4- Explore It**: It's a 15 min round. A set of code will be given on the spot to check their competitive skills. All the questions will be related to existing code. It will be a rapid fire round.

   - **i)** It contains rapid fire questions based on a particular code.
   - **ii)** There will be negative marking.
   - **iii)** Team scoring highest marks will be the competition winner.

e) **The results declared shall be deemed final and will not be disputed in any circumstances.**

f) **No nuisances will be tolerated and will lead to disqualification.**

3) **TYCOONS:** It's an inter college competition where student's of any stream from different colleges will participate in teams of four and seek to display their competitive skills and abilities.

   a) Round 1- AD MAD: At the time of registration teams will be given list of products and themes from which they can select one for them. Here on team would be required to shoot, record and prepare a maximum of 30 second video based on product and theme given to them at the time of registration. Teams are allowed to use props and costumes. The top 6 teams with maximum scores based on quality, creativity and uniqueness will be shortlisted for next round.

   b) **Round 2- Management Quiz- :** It's a 45 min. round. 6 teams will compete in group of two in audio video based quiz round and 3 teams will move on final two rounds.

   c) Round 3- Troubleshooting: It's a 30 min round. Teams will be given random situations of conflict and problems that they may encounter in their business. Teams will be given around 05 min to think on how to resolve the problem. Their answers will be rated for decision making abilities.

   d) Round 4- Extempore: It's a 15 min round. Topics would be provided on the spot and they would be given 2 min to think and are needed to speak on that topic for 2 min.

   e) The results declared shall be deemed final and will not be disputed in any circumstances.

   f) No nuisances will be tolerated and will lead to disqualification.

4) **BIG SHOT:- Plan A Business**: It's an inter college competition where student's of any stream from different colleges will participate to display their competitive skills and abilities. If there is more than 6 teams registered for the event then all teams will participate in screening round on 05-May-2018. After screening round Only 6 teams will participate on the day of final presentation on 08-May-2018. It's a 60 min round where each team will get only 10 min to present their business plan. Business plans may be submitted by teams.

i) Executive summary, containing the expansion of concepts outlined must be sent through e-mail on or before May 08, 2018.
ii) The subject of the e-mail should be BPLAN
iii) Teams should bring soft copy in CD/Pen drive and also the Hard copy while attending the competition.
iv) Final-round submission and presentation will be judged according to the following criteria:
    - Is the business financially feasible?
    - Quality of products, services and/or solutions
    - Market opportunities and competition
    - Overall attractiveness of the venture

Exhibits:

BCA students of Dr. MPS College will be showcasing their technological prowess in various exhibits under the following domains which will be an amalgamation of products, software, projects, working models and non-working models. The exhibitions will be on display for both the days. Students, teachers and dignitaries can visit these between 10:00 – 16:00 Hrs.

1. **INFORMATION AND CYBER SECURITY :** (Room 101)
    a. Wireshark
    b. VSaas
    c. Virtual Desktop Container
    d. Social Media Hacking
    e. Keylogger
    f. Proxy Server
    g. Adhoc Networking
    h. Ransomeware
    i. Block Chain Technology
    j. RFID
    k. VPN (Virtual Private Network)
    l. Invisible Eye
    m. Face Recognition
    n. IT Act 2000 and 2008
2. **WHAT'S NEW: Future Of Tech:** (Room 102)
    a. Hyperloop
    b. LI-FI
    c. QR Code
    d. Hologram
    e. VR Headset

f. Portable Speaker
g. Portable Charger
h. 3D Printer
i. Wi-Fi Printer
j. Electric Cycle
k. Playstation Kinetics
l. Smart Light
m. Kindle Display Vs OLED Display
n. IOT
o. Smart City
p. AR Vs VR
q. 5G
r. Android P
s. VLog
t. Alter Ego

3. **DATA SCIENCE:** (Room College-Restaurant)
    a. Data Mining
    b. Data Warehousing
    c. Machine Learning
    d. NLP (Natural Language Processing)
    e. Chatbot
    f. Analytics
    g. Expert Systems
    h. IBM Watson Assistant
4. **TROUBLESHOOTING:** (Room 103)
    a. Windows OS/ Installation, Remedy, Versions
    b. Android: Custom ROMs etc
    c. Tricks and Shortcuts: Windows/Mac
    d. PC hardware: Open PC
    e. Virus/Anti Virus
5. **INNOVATION IDEATION:** (Room Mini Audi)
   Software projects made by BCA students of Dr MPS College and students from other colleges. It's a competitive event and the top 3 projects will be awarded lucrative prizes.
6. **ECOMMERCE AND DIGITAL PAYMENT:** (Room 001)
    a. BHIM App
    b. RTGS Vs NEFT
    c. Crypto Currency
    d. Virtual Hypermarkets

Time Fillers:

We have planned some time-fillers to be played/performed in the auditorium to keep the audience engaged in between the competitions.

1. **Motivational videos**
2. **IT issue related Nukkad Natak**
3. **Tech Dance**
4. **Auto-tune Based Singing**
5. **Selfie Spot**

Suggested/Proposed Speakers, Judges and Guests for fest:

Following are the tentative list of speakers/presenters submitted for due consideration by the management:

1. Motivational Speaker: Deepak Raghav
2. Big Data Analytics: Kioki Newton – Passout Kenyan Students
3. Java Script: Mohit Sharma (Industry Expert)
4. Cutting-Edge IT: Varun Modi – Asst. Professor (IT)

Following are the tentative list of Judges submitted for due consideration by the management:

1. Tech Teens: IT Heads/Teachers from St. Peters and Sumit Rahul Schools
2. Tycoons: 2 Judges from the field of Banking and Finance
3. TechMasters: 2 Judges from the field of Academics
4. Innovation Ideation: 2 Judges from Industry
5. Crazy Selfie: Sponsors like representatives from VIVO

Dignitaries attending the event :

1. Guest of Honor:- Sqdn. Ld. A. K. Singh (Chairperson- Dr. MPS Group of Institutions)
2. Chief Guest:- Ms. Neelam Singh(Co-Chairperson- Dr. MPS Group of Institutions)
3. Guests:- Dr. Sanjeev Kumar- Head Department Of Mathematics(IET Khandari), Dr. Manu Pratap Singh- Head Department Of Computer Science(IET Khandari) And Sponsors of Event

REGISTRATION FORM

Name of Applicant: …….

Date of Birth: ……..

Educational Qualification: ……..

Gender: (Please Tick): Male ☐ Female ☐

Father Name: .....

Father Occupation: ……

Corresponding Address: ……..

Permanent Address: …….

School/College/Institution Name & Address:

……

…..

Candidate Mobile No.: …….

Parent's Mobile No.: .....

E-mail Address: ……

Area of Interest: ……

Participation (Please Tick: Rs. 50 per event):

TECH TEENS ☐ TYCOONS ☐ TECH MASTER ☐

BIG SHOT ☐

Date:

Place: Signature of Applicant