

# ACES' 10

The Annual Conference for  
Engineering Students

Up you go



# Agenda

- What's **ACES**
- Our Reason For Existence
- ACES Core Values
- ACES 2010 Organizational Structure
- Achievements
- What do we do?



# What's ACES ?!

- ACES stands for "The Annual Conference for Engineering Students".
- It's a simulation of real life where you learn to work in an organization, within a team to achieve organizational goals guarded by organizational values and culture
- ACES is a fun learning environment where students work , learn and have fun all at the same time
- ACES had passed 5 years of massive work achieving an outstanding output through the last four conferences held in 2005, 2006, 2007, 2008 and 2009.
- Similarly, it is expected to continue and keep rising in the upcoming years.



# Our Reason For Existence

“Enriching Mentalities by Exposure, in order to Raise the Engineering Students' Standards. “



## *Vision*

Branding ACES as the best atmosphere of working in a student activity, in order to get a valuable professional experience associated with a remarkable social responsibility

## *Values*

- Passion
- Trust
- Efficiency

## *Purpose of existence*

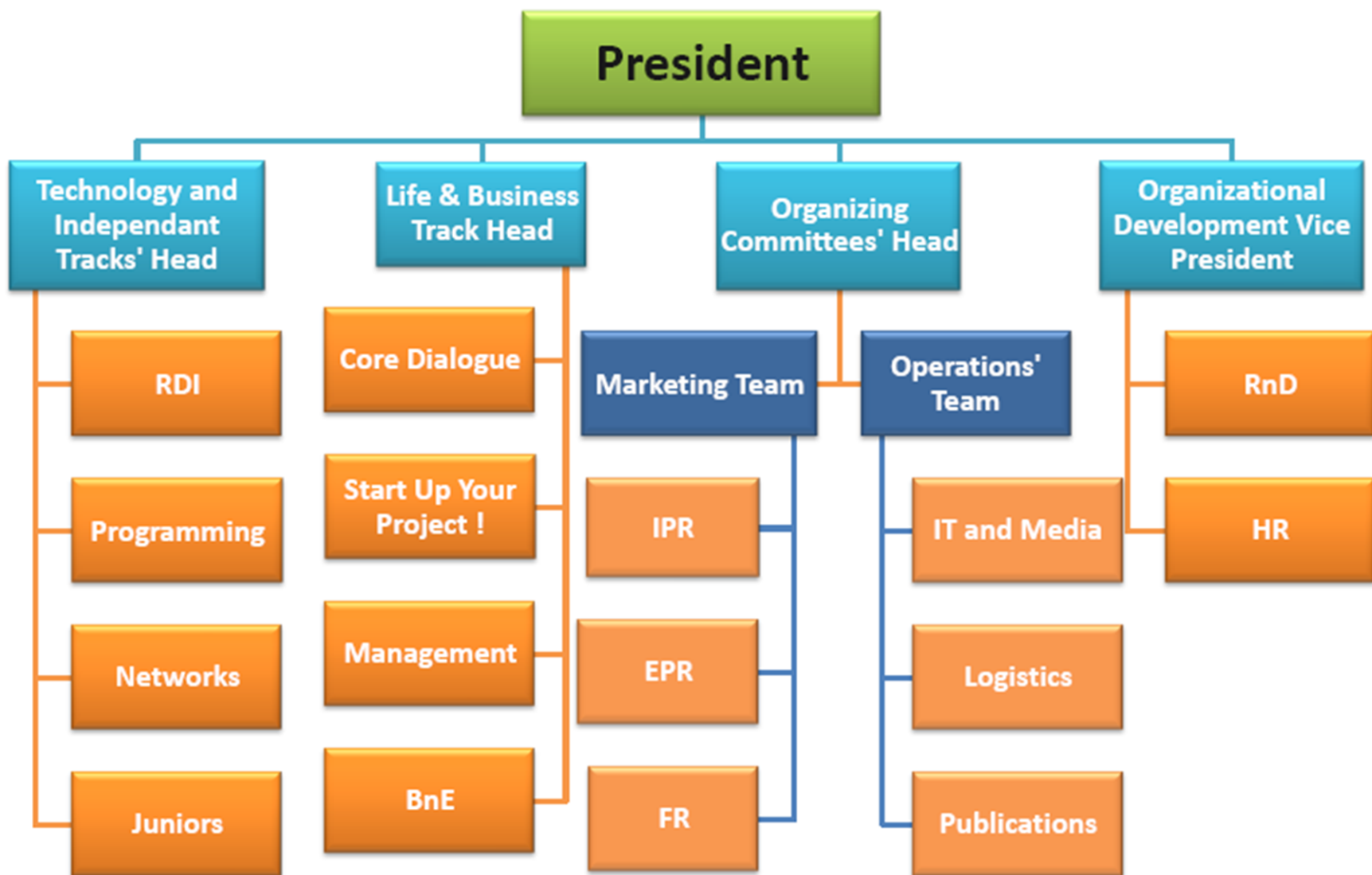
Enriching mentalities through exposure to raise the standards of engineering students

## *Strategy*

- Enrich
- Expose
- Raise standards



# ACES 2010 Organizational Structure



# Achievements

- First student activity and the only conference held by students in the governmental faculties in Egypt. (since 2005)
- Organizing field trips to engineering plants.
- Organizing ARUP "Conference of architecture and urban planning" held in JW Marriott. (2009)
- 4 years participation in the EED.
- Participation in "Wazayef Masr" employment fair



# Achievements (cont.)

- Organizing technical session for 3<sup>rd</sup> and 4<sup>th</sup> year of communication department in cooperation with YLI and Vodafone. (2009)
- Organizing sessions of "Achieving personal victory" in cooperation with YLI and Vodafone. (2009)
- Organizing technical open session in association with ABB (2009) and Unilever (2008).
- Sponsored by "Orascom Construction" for 2 years.



# Achievements (cont.)

- Acting as an advisor for starting student activities in Ain Shams, Cairo and Banha Universities
- Organized the launch of Microsoft's "Windows 7" product in Faculty of Engineering, ASU
- Successfully printed and distributed over 4000 copies of "ACES magazine" for 2 consecutive years done by ACES talented writers and designers



# What do we do?

- Workshops
- Academic Project
- Open sessions
- Field trips
- ACES Community



# Academic Committees (Workshops)

ACES main project is its workshops, this year there are 3 different tracks tackling a specific area of life and work

Workshops are based on the concept of experiential learning , where participants and moderators experience topics of interest through 5 interactive sessions, followed by 3 days' conference

ACES workshops are conducted by students who received intensive trainings



# Academic Committees(Workshops)

- Life and Business Track
- Technology Track
- Juniors Track



# 1- Life and Business Track

- Nitrous Workshop
- ICatch Workshop
- Revive Workshop
- Man-Edge Workshop





# Nitrous

## *Race In ProjectTown*

Do you have an idea for your own business? Do you have the passion to launch your project?

Hated living your life like ordinary people? Got bored from the routine?

If You really fear to enter the market, show your project and share your thoughts, It's Nitrous where You will get the full power of motivation and start boosting your self- esteem to Stand as tough as a tree in the wind.

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# Revive

## *The Reason for Living*

This workshop aims at Achieving social development through:

- Spreading awareness of social psychology.
- Raising the sense of social responsibility.
- Introducing 50 social entrepreneurs to the community.

Albert Einstein said: "The world is a dangerous place, not because of those who do evil, but because of those who look on and do nothing." Lets stop doing nothing...Let's Revive the duty...Revive the aim...Revive the reason for living.





# ManEdge

*From good to great*

## **Phase (1): Manager as a Person**

- \* Improve personal skills
- \* Develop individual potentials
- \* Manage yourself before you manage a department or a team

## **Phase (2): Manager as a Leader**

- \* Management cannot be separated from leadership
- \* Be influential and inspirational to your employees
- \* A great manager is someone who makes a difference in people's lives

## **Phase (3): Manager as part of an organization**

- \* Job description of a manager
- \* Organizational structure and hierarchy
- \* Peer to peer relations and behavior
- \* How to manage your boss



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# ICatch

Imagine ... Your name is a **BRAND** ...  
you're **catching** opportunities OTHERS can't see  
and you're getting money right NOW. Do you like  
it?? OF COURSE YES.

Come on and think with the  
**MILLIONAIRE** mindset...know the science of  
getting rich and make **SUCCESS** your **ONLY** choice.  
Let's chase your needs and live your dreams ... be  
the better version of **YOU** and make the most of  
**NOW**. Create your opportunities **DON'T** wait, they  
are flying and your dreams are calling ...  
let's **Catch** them.

**“You are surrounded by simple, obvious solutions  
that can dramatically increase your income,  
power, influence and success. The problem is,  
you just don't see them” Jay Abraham**



## 2- Technology Track

- Shield Workshop
- .exe Workshop
- Frontiers Workshop



# Shield

*Fight for what's right in cyberspace*



**Core:** Ethical Hacking (preparing workshop participant to satisfy the need of this profession)

**Ethical Hacking** is a very under rated branch of networks here in Egypt. This is despite the fact that internationally ethical hacking is a very dynamic profession. Ethical Hackers are in hot-demand in today's IT market.

## **Objectives:**

Raising the awareness of ethical hacking in Egypt and Introduce Techniques about hacking and network security

**"Simplicity is the ultimate Sophistication" *Leonardo Da Vinci***





# .EXE

*When You Think Logic !*

**Playing games is really fun... But, what about creating them...**

It's not just some lines of code and a cool game is born, Programming is a state of mind, A different way of thinking and solving problems in a smart way..

How about learning new techniques through life analogy.. Integrating programming with life ..

Building the mentality of a real programmer.

We aim at creating the ACES Technical community.. Collecting all Creative and Innovative engineering minds in one cooperative and productive community..



# Frontiers

*Research inspiring innovation*



This workshop aims at Establishing an “Engineering Community”, that will serve the students of our faculty and will help in fixing wrong existing research and innovative concepts and beliefs.

**"Where there is an open mind, there will always be a frontier". *Charles Kettering***



# 3- Juniors Track

- Raka'ez Workshop
- Juniors Activities
- Training Modules



# Raka'ez Workshop

*Learn ... Change ... Leave a legacy*



The main idea of the conference is "**Creating Videos**" through which they will spread positive thoughts and offer solutions to problems facing their community as teens, and then showing those videos at their school.

Basically the conference aims at helping them influencing their friends and others by using the knowledge and skills they acquired throughout the sessions to achieve what we aim at; which is "starting the chain of change"



# Academic Project

It's a project aiming to elevate the level of education in Egypt by developing and investing in “Potential Trainers and Teaching Assistants” from the undergraduate students and guiding them throughout the academic career of both fields.

Such project will be introduced in 2 tracks:

- “Future Professors” Track
- “The Instructors “ Track



# Other Events

- Open sessions about various soft and hard skills
- Field trips to plants like PnG
- Providing training and career opportunities to ACES Community of 6000 students and graduate
- Organizing alumni events where ACES participants and crew get to meet with ACES founders and graduates who now work in prestigious places all over Egypt



# ACES Community

- A network of engineering students , graduates and young professionals
- The aim is to exchange experiences and share resources between all parties
- Till now, we have about 6000 students and 300 graduates in ACES Community network



# Conference

- Workshops are just a preparation for the real output which is the “conference”
- It’s a 3 days simulation, where participants get the chance to present and practice what they learnt along the previous 5 sessions
- Team work, stress and time management skills are put to test
- Each workshop comes out with its “workshop resolutions “ reflecting their learnings and findings throughout the sessions and the conference

