# Andhra Pradesh Chapter
## of
## International Organization for Developing Universities (*iodevuni*)

## Information Technology (IT) Project Competition: 2001

### 1. Background

*iodevuni* is a non-profit organization formed recently to help developing universities across the world in achieving world class standards through Internet based consultations with experts in relevant fields. Details concerning the vision and operational strategies of *iodevuni* are presented in Appendix 1. Prof. Patri K. Venuvinod, a Founding Member of *iodevuni*, had met with the Principals of several engineering colleges from Andhra Pradesh (India) and other key persons in mid-July 2000 with a view to promoting *iodevuni*-based activities in Andhra Pradesh. Appendix 2 lists the members who had participated in these meetings. At the meetings, members had expressed enthusiastic and unanimous support for forming the Andhra Pradesh Chapter of *iodevuni* and initiating a range of *iodevuni*-based activities. The captioned competition is the very first activity being undertaken by the Chapter. It is the intention of the Chapter to conduct the competition on an annual basis within Andhra Pradesh. *iodevuni*, in turn, wishes that the Competition will, in-time, emerge as a highly recognized international competition. It is also envisaged that similar project competition series will be introduced progressively in other technical fields.

The objectives of the IT project competition series are to

- Promote commitment towards the utilization of IT in general and the Internet in particular amongst the participating engineering colleges/universities.
- Raise the quality of Internet-related infrastructure amongst the participating engineering colleges/universities.
- Improve the IT-related skills of engineering students of the participating colleges/universities by promoting competitive spirit while they are working on the projects they are normally expected to undertake during their final year of degree-level studies.

**2. The Challenge for the 2001 Competition**

The competition is a team event with each Team consisting of between 2 and 4 students. Each team will assume the role of an IT-CONSULTANT to *iodevuni* (the CUSTOMER) and will take a corporate view of *iodevuni*. This implies that *iodevuni* will periodically communicate its corporate policies its own views (prejudices) on the development its own IT infrastructure. Profs Patri K. Venuvinod (e-mail address: [mepatri@cityu.edu.hk](mailto:mepatri@cityu.edu.hk)) and Prof. Soundara Kumara (e-mail address: ) will act as the spokesmen of *iodevuni* in the latter's communications with each IT-CONSULTANT (each Team).

Each Team will assume that *iodevuni* is seeking

- written advice on the IT plan to be followed by *iodevuni* in the period 2001-2006, and

- a working web-site for *iodevuni* that captures the earlier phases of the suggested IT-plan.


**3. Regulations Governing the 2001 Competition**

- Each participating Team shall consist of between 2 and 4 engineering students studying at the pre-final or final year level at the same engineering college/university.

- Each Team shall secure permission from the Principal (or an equivalent authority) of the respective college/university for being recognized to be representing the college/university.

- Each College/University shall send no more than 3 teams to the competition.

- Each college/university shall pay a sponsorship fee of Indian Rupees 1000 for each team it sends (as agreed by the Andhra Pradesh Chapter at its meeting in mid-July 2000). The fees will be pooled to pay for the prize money and other expenses associated with the Prize Awarding Ceremony. It is also assumed that each college/university will enthusiastically support each of its teams by providing the necessary infrastructure and nominating a separate Coach (Supervisor) for each team.

- Members of each Team may register as participants in the 2001 competition by sending an e-mail communication to Prof. Patri K. Venuvinod no later. The communication shall include the following:
  - The names of *all* team members.
  - The e-mail addresses of *all* team members.
  - A statement to the effect that the requisite permission has been secured from the Principal (or an equivalent authority) of the college/university for being recognized as an officially sponsored team.
  - The name and e-mail address of the Coach as nominated by the Principal or equivalent authority.
- The deadline for sending the registration e-mail is than 12:00 noon (Hong Kong time) on 18$^{th}$ August 2000.
- Each shall send the electronic version of its Final Report (IT-Consultant's Report) by e-mail to Prof. Patri K. Venuvinod no later than 30 April 2001 (12:00 Noon Hong Kong Time).
- The electronic version of the Final Report shall follow the following following formatting guidelines:
  - Written in English (US).
  - A4 page.
  - Top, bottom, left and right margins: 1", 1", 1.25", and 1.25" respectively.
  - Gutter: 0". Header and footer: 0.5". Do not mirror margins
  - Text font: TMS Roman 10. Line spacing: 1.5 lines.
  - Other appropriate formatting guidelines may be used for figures, appendices, etc.
- The main body of the report (excluding appendices) shall not exceed 20,000 words.
- Each Team is free to adopt its own style of reporting. However, the Report shall consist at least the following two features:
  - (i) A description of the phased IT-Plan being suggested for iodevuni for the period 2001 to 2006.

(ii)   A description of the prototype web-site developed by the Team for iodevuni.

- The website referred to in the Final Report shall be a working site and be accessible by iodevuni and the judges of the competition as appointed by iodevuni. The website shall capture the early phases of the IT-plan being suggested. In this context, the following advisory notes may be useful:

    - The purpose of the website is to provide the infrastructure needed for carrying out the various transactions that iodevuni needs to undetake over the next 5 or so years.  These transactions will involve iodevuni itself (located in Chicago and initially operating through the computer facilities offered by Sylix Corporation), the registered Customer Organizations (including the authorities, faculty members, and students of the organizations, Expertise Providers distributed across the world, and anonymous 'enquirers' distributed across the world—see Appendix 1.

    -

-