iodevuni : A Knowledge Portal

that acts as a

- knowledge broker
- development facilitator
- information repository
- matcher of student interests with facilities
- creator of a new type of networked education on demand

Enterprise Culture

- Non-profit. Service-orientation.

- Internet culture. Individual empowerment. Minimum power distance.

- Goal orientation. Minimum planning. Maximum coordination.

- Dynamic. Flexible. Minimum regulations.

- International. Cross cultural. Non political.

- Customer focus. High quality of services and authenticity of information provided.

- Confidentiality. Information security.

Examples of Value Adding Services

- Recently, Venuvinod Patri of City University of Hong Kong had compiled a metal cutting literature database containing some 4000 references for CIRP. This and similar other databases could be made available to *iodevuni* customers.

- Each participating university could link its databases containing a selection of its project reports (UG, PG, research, etc.), event/conference schedules, etc.

- Act as a catalyst in the development of cooperative and joint program and course offerings.

- Departments and faculty members could share teaching materials, simulated laboratory equipment/experiments, etc.

- Expert lecture-videos could be shared asynchronously.

- Student groups distributed across the world could work on common projects. Likewise, faculty could undertake distributed research projects.

iodevuni will become a virtual net distributed across the world

Core Information Technologies to be progressively adopted :

- The Internet

- Multimedia

- Networked enterprise-level information repositories

- Software agents and bots, and Datamining

- Automated Text understanding and summarization

The initial hub of *iodevuni*

- *iodevuni* has already been registered through register.com.

- Silyx Corporation, Chicago, has kindly established and maintaining the servers for the initial hub of *iodevuni*.

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Enterprise Level

Region Level

International Advisory Panel	Patron's Panel
Management Team	Chapter of Customer Organizations
International Expertise Providers	Regional Coordinators

Identification of a Niche in AP

- 110 engineering colleges of which 100 are private. Private outnumbers public by 10:1.

- Yet, the private colleges are seriously constrained by the regulatory frameworks of the public universities to which they are affiliated.

- Private enterprises can progressively innovate by undertaking independent activities (e.g., offering their own 'unrecognized' awards, franchising recognized awards from overseas universities—as Vellore has done from QUT in Australia, etc.).

- **iodevuni** could help accelerate such a process.

- In time, public universities could further improve owing to competition from private colleges.

Andhra Pradesh is Ripe

- AP is leading India in terms of computer and Internet cultures.

- The developed world has already recognized AP's potential as a world class player in the digital age.

- The potential of private sector in inducting high technology is already well-recognized in AP. For instance, private hospitals are at the forefront of medical high-technology in AP.

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Customer Regions

1 Andhra Pradesh	2 Shanghai

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VALUE NETS
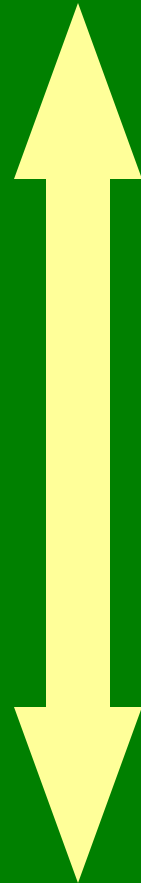
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Engineering Management

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IT and CS