

## **ANNEXURE II**

### **To establish a Virtual School of Architecture in Asia**

#### **Rationale:**

- Digital Technologies are revolutionizing the practices of teaching and learning at universities all around the world.
- Interdisciplinary studies and collaborative design in education promote significant changes to architects and educators.
- Technology and the integration of internet and multimedia offer teachers a tremendous opportunity to put their students in touch with other cultures, as well as to teach them how to manage information: collecting, analyzing, interpreting and presenting data.
- Powerful simulation engines will present verisimilitude to educational experiences that are unavailable in twentieth-first century schools.

#### **Concepts:**

The Arcasia Virtual School of Architecture (AVSA) would be defined as an innovative 3-D virtual environment and e-learning media in architecture. The main outcome of this virtual school is to produce excellent international graduates/participants who have the capability of virtual collaborative

design works and developing digital drawing techniques/skills, and critical writings skills in order to enhance someone design portofolio. The activities are designed to integrate concepts and practices in the architectural field with an interdisciplinary curriculum such as: creativity and innovation, humanity, technology/sustainability, and virtual graphics (to comply with some of the UIA requirements). The learning modules might be divided into four interests that include:

- Creativity and innovation aspects: interactive spaces to develop intellectual and creative skills.
- Humanity aspects: in order to create critical abilities and writing skills to look at the relationship

between virtual environment with socio-cultural aspects of architecture and cities

- Technology/sustainability aspects: develop environmental concerns and technology by using Virtual media

- Virtual graphic communication aspects: exploring various virtual drawing techniques

**Technical Aspects:**

The scope of works that might be included are Collaborative Virtual Design Studio Workshop, Routine Virtual Public Lectures, Virtual Exhibition, on-line critical writings/essays publication, etc. All aspects will be supported by an on-line repository database (e-library).

The school probably will be organized under ARCASIA networks with main hub in one of the ARCASIA member country's university/professional associations or it will be organized under a special ARCASIA appointed team teaching unit. 5

Students who pass the examination will obtain an AVSA certificate (which is not equal to an academic degree) explaining the learning-modules taken by students. The duration of education program would be dependent on the course modules taken. There is no age restriction, but the minimum requirement is at least Senior High School graduation.

**Strategy (Road map):**

