



## **GUIDELINES FOR E-CONTENT DEVELOPMENT**

### **1. INTRODUCTION :**

The UGC e-content scheme aims at developing high quality e-content, as well as expertise for generating such content over the long term. The scheme provides financial assistance and technical support to teachers and other experts based in colleges and universities for the development of e-content. The e-content development and associated web based learning described here does not seek to replace traditional teaching and learning, but is expected to supplement them. The inclusion of e-content in learning is now inevitable, and the UGC initiative is designed to meet the new challenges, and to help India take the lead in this newly emerging field.

The content, once developed, will be maintained at the mirror sites of the UGC Information Network (UGC Infonet) and made accessible to all teachers and students of the Indian Universities system.

The present scheme addresses the important issue of the creation of content.

The goal of the UGC scheme is to encourage individual teachers, groups of teachers in colleges and universities and experts in the IT industry in visualization and multimedia production to develop educational content, in electronic format, suitable for use in various teaching and learning programmes. This scheme is open to teachers in all subjects and disciplines.

### **2.OBJECTIVES**

- a. Generation of e-content, in all subjects.
- b. Development of teachers and experts resources in e-journal creation.
- c. Distribution of the e-content to teachers and students from formal and non-formal educational modes, for supplementing and complementing professional teaching and learning content.
- d. Development of partnerships between educational institutions and the IT industry for the continuous development of new content and methodology taking into account contemporary technology.

### **3. ELIGIBILITY/TARGET GROUP**

Proposals for the development of e-content can be submitted by any of the following persons:

- a. Teachers, including retired teachers linked with colleges and universities, with experience in undergraduate or post-graduate education.
- b. Colleges or university departments.
- c. A college or university.
- d. A consortium of Universities.

- e. Commercial establishments having related experience and close ties with a university or college.

#### **4. NATURE OF ASSISTANCE AVAILABLE UNDER THE SCHEME**

##### **Financial Support**

Financial support provided by the UGC for development of e-content cannot be used for the development of infrastructure including projects of hardware. It could however be used for small increments of hardware like memory and disk space, CD writer or scanners. These should supplement hardware already available with the proposer. The financial support provided can be used for renting hardware and media recording facilities, internet connectivity, charges for use of software and the use of expert help from visualisers and graphic designers.

The UGC will be providing support in the form of developmental tools and software. A specific allocation for these items will be made in individual grants only when the tools provided by the UGC are not found to be suitable. The grant will also cover the cost of minor equipment and travel, which is necessary for field work and collaborations for the successful completion of the project.

##### **Level of Assistance**

The level of assistance to be provided will depend upon the magnitude of work to be done for the successful completion of the proposal. For the content measures mentioned above, the support to be provided will depend upon the proportion of assembled and created content:

Assembled content up to 15 hours of study - Rs.5000-10,000/-

Assembled content for 15-50 hours of study - Rs.10,000-100,000/-

Created content up to 5 hours of study - Rs.10,000-100,000/-

Created content for 16-150 hours of study - Rs.1-5 lakhs

Created content for whole course - Rs.3-5 lakhs per course

#### **5 PROCEDURE FOR APPLYING FOR THE SCHEME/**

#### **6 PROCEDURE FOR APPROVAL BY THE UGC/**

#### **6 PROCEDURE FOR RELEASE OF GRANTS BY THE UGC**

[Teachers](#) are encouraged to submit proposals at any time. The UGC would process them twice a year.

[An](#) Expert / Peer Committee will be constituted by the Commission to meet periodically to scrutinise e-content proposals. Further, the Committee will examine the proposal's competence, its merit, and its viability so as to accord it appropriate financial assistance.

#### **8. PROCEDURE FOR MONITORING THE PROGRESS OF THE SCHEME**

The proposals will be evaluated by a peer review committee of experts in the area of the proposal, keeping in mind the following criteria:

The product of e-content should be :

- a. **Technologically Friendly** so as to be downloaded and used on any computer either independently or in a LAN situation.

b. **Learner Friendly** for easy navigation.

c. **Learner Centric** to be useful in self-instructional mode.

d. **Teacher Friendly** so as to be used in various teaching-learning methods such as classroom lectures, tutoring to a group, lab session etc.

e. **Learner Centric Pedagogy** be employed. Specifically the designer of the e-content should pay attention to the teaching model used \_ such as simple information communication, exploratory approach, discovery approach, mastery learning etc. Many types of interactives should be included to make learning effective and efficient.

f. **Self-evaluation:** The e-content should use plenty of evaluation material to give feedback to the learner as to his/her achievements in a topic of course. It should include formative as well as summative evaluation.

g. **Object Based Learning/Teaching:** The content should specifically state the objects of learning/teaching and should employ different strategies for skill, competency and functionality developments.

## **9. PROFORMAE FOR APPLYING UNDER THE SCHEME, SUBMITTING**

### **UTILIZATION CERTIFICATE, SUBMITTING PROGRESS REPORTS ETC.**

**Statement of expenditure and Utilisation Certificate shall be as per UGC admissible norms and procedures.**