

**Policy on use of Open Educational Resources (OER)**

<b>Policy</b>	On Open Educational Resources (OER) for use in computer based learning and developing e-learning programs
<b>Approved by</b>	Vice Chancellor
<b>Date effective from</b>	Aug 11 <sup>th</sup> 2017
<b>Date of next review</b>	Aug 12 <sup>th</sup> 2020
<b>Purpose</b>	Provide uniform guidelines on use of various Open Educational Resources
<b>Scope</b>	Includes guidelines on use of OER like E-PG Pathashala, CEC, Swayam, MOOCs, NPTEL, NMEICT, Creative Commons Licensing and National repository on open educational resources.
<b>Procedure</b>	<p>1. <b><u>Open Educational Resources (OER)</u></b> are freely available, openly licensed materials and media that are useful for teaching, learning and assessment. A wide repertoire of OER are available for free use by teachers, instructors, course creators and students. OER allow us to bring the excellent teaching learning resources into our education system and make effective use of them. As per UNESCO, OER include teaching, learning and research material in any medium, digital or otherwise that reside in public domain or have been released under an open license that permits no cost access, use, adaptation and redistribution by other with no or limited restrictions. OER have lead to the creation of Massive Open Online courses (MOOC).</p> <p>The following are the important features of OERs</p> <ul style="list-style-type: none"> <li>• OERs improve the quality of education on a global scale.</li> <li>• Provide free access to the world's best courses</li> <li>• Bring excellent teaching learning materials into our education system</li> <li>• Offer equal access to knowledge</li> <li>• Reusable content</li> <li>• Accessible and affordable to all</li> </ul>

- Adaptable, allowing institutes to add changes as per requirement
  - Help in the teachers own professional development
  - Promote life- long learning
  - Enhance the reputation and standing of institutes which make high quality OERs
2. While OER like e-PG pathshala, CEC, Swayam MOOCs, NPTEL etc have been initiated by the Ministry of Human Resource Development, GOI, very few OERs are available for use by the Health universities.
3. **OER policy at SRIHER:** SRIHER encourages all its faculty members in all constituent colleges to produce OER on topics of their interest. The following guidelines may be used for creation of academic e –content.
- (a) 4 quadrant approach is required to be followed while designing OER (quadrant 1 contains textual academic content in .doc or .pdf format, quadrant 2 contains actual e-lesson, quadrant 3 contains a self testing unit and quadrant 4 provides links to other resources and learning material)
  - (b) Textual content must in author’s own narrative.
  - (c) Diagrams/Images/ Photographs should either be originally created or recreated by Graphics experts of Swayamprabha AV studio.
  - (d) Videos / Audios should be original works created by the author in the university premises or in the Swayamprabha AV studio.
  - (e) Rapid authoring tools like eXe, Exerte or Knowledge Presenter Version XII can be used for preparation of content.
  - (f) Use of learning materials produced by others under the **Creative Commons Licensing system:** Unlike the conventional copyright system which imposes strict restrictions on usage of content produced by an author, the creative commons licensing system is less restrictive and allows for reuse of the work of others. Creative Commons (CC) is a global non profit organization which provides copy right licenses which enable use of sharing and reuse of creativity and knowledge. The vision of CC is to enable teachers and learners all over the globe to realize the full

potential of internet in teaching, learning and collaborative research.

**Licensees at SRIHER** :E-content developers at SRIHER are allowed and can obtain CC license with the following attributes. **Attribution (BY)** – can reuse and share provided they give credit to the original author. **Share alike(SA)** where licensees can distribute derivative work of original author under a license which is identical to the one that governs the original work. **Non Commercial(NC)** where licensees can make freely share and make derivative works for purely non commercial purposes. **No Derivative (ND)** works where licensees may copy, distribute and display the original work as it is with no derivative works based on it.

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Further details of Creative commons Licensing system can be accessed at [www.creativecommons.org](http://www.creativecommons.org)

**(g) National Repository of Open Educational Resources (NROER):** Teaching faculty at SRIHER are permitted to use resources available at NROER. They are also permitted to upload their original e content creation to NROER. NROER has been launched by the Ministry of Human Resource Development GOI to address the challenges faced by the education sector of our country. It aims at reaching the unreached and prioritizes to extend education to all. The objectives of NROER are

- Store, preserve and provide access to a variety of digital resources to students and teachers.
- Engage the teacher community in the development and sharing of digital resources
- Improve the quality of educational system in india
- Facilitate teachers to create and share contextual teaching and learning resources

- Celebrate innovations in resource creation.

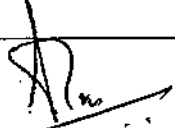
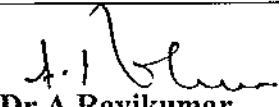

**The features of NROER include**

- Open access to those who wish to access the resources
- Resources are available free of cost
- Users can share resources
- Resources are available in the form of discrete chunks and not as bulk
- Resources on a particular subject and topic are present in one place
- Resources can be added to NROER pool by proper licensing.

Details of NROER can be accessed at [www.nroer.gov.in](http://www.nroer.gov.in)

(h) **Deployment of e-content at SRIHER:** All e-content and resources produced by authors at SRIHER, be it original work or derivative works using Creative commons licensing or derivative works obtained from NROER is freely allowed to be deployed on the MOODLE learning Management system of SRIHER.

Frequency	Yearly
Time	As & When required
Related/Supportive Documents	
Custodian	E-learning Unit, Dept of Medical Education, Sri Ramachandra Medical college and Research Institute, Porur.

Prepared by	Verified by	Approved by
 Dr. Vijayasagar	 Dr. A. Ravikumar (Dean of Education)	 Dr. P. V. Vijayaragavan Vice Chancellor