UNIVERSITY OF RAJASTHAN
JAIPUR

SYLLABUS

M. Phil. Energy

Semester Scheme

Examinations 2016-2017
Centre for Non-Conventional Energy Resources
University of Rajasthan
Jaipur

SYLLABUS
M.Phil. (ENERGY)

Under UGC Innovative Program

The M.Phil. Energy course will be of one year (Two semesters).
Examination for the Second semester will be conducted at university level. There will be three
theory papers and a practical/Dissertation. For each paper the distribution between internal and
external marks is 20% and 80% respectively. The internal marks would be given by the teacher
on the basis of continuous assessments as well as tests. In the external examination there will be
four questions (20 marks each) with internal choice. The papers and distribution of marks will be
as under:

<table>
<thead>
<tr>
<th>Subject(s)/Paper offered</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td></td>
<td>Internal</td>
</tr>
<tr>
<td></td>
<td>Evaluation</td>
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<tr>
<td>Paper I - Energy Science: Storage,</td>
<td>20</td>
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<tr>
<td>Conservation and Management</td>
<td></td>
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<tr>
<td>Paper II - Material Science &amp;</td>
<td>20</td>
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<tr>
<td>Technique for Energy Application</td>
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<tr>
<td>Paper III - Non-Conventional Energy</td>
<td>20</td>
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<tr>
<td>Resources</td>
<td></td>
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<tr>
<td>Practical/Dissertation</td>
<td>20</td>
</tr>
<tr>
<td>Total Marks</td>
<td></td>
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</table>
M. Phil.

UNIVERSITY OF RAJASTHAN, JAIPUR
M.Phil. (ENERGY) Examination Second Semester-

PAPER I
ENERGY SCIENCE: STORAGE, CONSERVATION AND MANAGEMENT

Time : 3 Hours  Max Marks : 80

Attempt all four questions. All questions carry equal marks.
M. Phil.

UNIVERSITY OF RAJASTHAN, JAIPUR
M.Phil. (ENERGY) Examination Second Semester-2011

PAPER II
MATERIAL SCIENCE & TECHNIQUE FOR ENERGY APPLICATION

Time : 3 Hours
Max Marks : 80

Attempt all four questions. All questions carry equal marks.
M. Phil.

UNIVERSITY OF RAJASTHAN, JAIPUR
M.Phil. (ENERGY) Examination Second Semester-2011

PAPER III
NON-CONVENTIONAL ENERGY RESOURCES

Time : 3 Hours  Max Marks : 80

Attempt all four questions. All questions carry equal marks.

Dy. Registrar (Acad.)
University of Rajasthan
Jaipur