

# Ramakrishna Mission Vidyamandira

Belur Math-Howrah

SWAMI VIVEKANANDA RESEARCH CENTRE

Programme Name : Ph.D. Applied Chemistry

Programme Code : PDAPC

Total Credit : 16

Syllabus for Course Work

## Ph.D. APPLIED CHEMISTRY PROGRAMME

### 1 Semester Course

#### Work

#### Mapping of Employability etc

Sl No	Name of the Course	Semester	Course Code	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Research Methodology & Computer Applications 1 & Research Ethics	1	PDAPCP1 <b>New Course vide Dated 26.10.2017</b>	This course provides the capability of skill development for the researchers to do the post doctoral works.
2	Research Methodology & Computer Applications 2 & Research Ethics	1	PDAPCP2 <b>New Course vide Dated 26.10.2017</b>	This course provides the capability of skill development for the researchers to do the post doctoral works.
3	Materials Science I	1	PDAPCP3 <b>New Course vide Dated</b>	This course may be very helpful for the students to get employed in the materials science laboratories as a R&D scientist.

			<b>26.10.2017</b>	
4	Materials Science II	1	PDAPCP4 <b>New Course vide Dated 26.10.2017</b>	This course may be very helpful for the students to get employed in the materials science laboratories as a R&D scientist.

Course Code : PDAPCP1

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**Course Outcome :** This course will make the research scholar introduced with one advanced course that will be read in such a way that the research issues and problems may be identified.

Paper Name : Materials Science I  
 Total Marks : 50  
 Total Credits : 4

Course Code : PDAPCP2

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**Course Outcome :** This course will make the research scholar introduced with one advanced course that will be read in such a way that the research issues and problems may be identified.

Paper Name : Polymer Science 1  
 Total Marks : 50  
 Total Credits : 4

Course Code : PDAPCP3

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**Course Outcome :** This course will make the research scholar introduced with one advanced course that will be read in such a way that the research issues and problems may be identified.

Paper Name : Nano Science

Total Marks : 50  
Total Credits : 4

Course Code : PDAPCP4

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**Course Outcome :** The course will introduce the researchers with the requisite methodology to do research in literature. It will further make them aware of different publication rules and techniques that make a quality research paper. The training in this course will also make them learn to identify the research questions.

Paper Name : Research Methodology & Computer Applications **& Research Ethics**  
Total Marks : 50  
Total Credits : 4