



# Punyashlok Ahilyadevi Holkar Solapur University

## Criterion III - Research, Innovations and Extension

### 3.4 Research Publications and Awards

Metric No.	
3.4.1	<i>The institution ensures implementation of its stated Code of Ethics for research</i>
	<ul style="list-style-type: none"><li>• Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website</li><li>• Any additional information</li></ul>

अभ्यासमंडळे विभाग  
दिनांक : १७/०६/२०२१

सादर,

मा. कुलगुरू महोदयांनी अभ्यासमंडळे विभागाच्या दि.०३/०६/२०२१ रोजीच्या टिपणीवर मान्यता प्रदान केल्यानुसार मानवविज्ञान विद्याशाखेची (Faculty of Humanities) बैठक सोमवार दिनांक १४/०६/२०२१ रोजी सकाळी ११:३० वा. ऑनलाईन पध्दतीने आयोजित करण्यात आली होती. सदर बैठकीस एकूण ३१ सदस्य उपस्थित होते. सदर बैठकीचा कार्यवृत्तांत सोबत जोडल्यानुसार तयार करण्यात आला असून आपल्या अवलोकनार्थ तथा मान्यतेस्तव

सादर.

*Prakash*

*Mohar*  
17/06/2021  
(अ. रा. मोहरीर)  
वरिष्ठ लिपिक

प्रमुख प्रमाण मानवविज्ञान विद्याशाखा  
बैठकीचा कार्यवृत्तांत मान्यता अस्तावी  
*Katil*  
17.6.21  
(वि. स. पाटोल)  
कक्ष अधिकारी

*Har*  
18/6/2021  
(डॉ. वि. ल. कदम)  
अधिष्ठाता

*Dullisham*  
19.6.2021  
(मा. डॉ. डी. एन. मिश्रा)  
प्र-कुलगुरू

*M. Fadnis*  
21.06.21  
(मा. डॉ. मृणालिनी फडणवीस)  
कुलगुरू





पुण्यश्लोक अहिल्यादेवी होळकर  
सोलापूर विद्यापीठ

॥ विद्या संपन्न ॥

## पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर

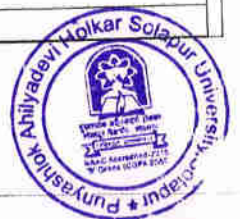
मानवविज्ञान विद्याशाखेच्या (Faculty of Humanities Studies) दि.१४/०६/२०२१ रोजी संपन्न झालेल्या ऑनलाईन बैठकीचा कार्यवृत्तांत

मा. कुलगुरु महोदयांनी अभ्यासमंडळे विभागाच्या दि.०३/०६/२०२१ रोजीच्या टिपणीवर मान्यता प्रदान केल्यानुसार मानवविज्ञान विद्याशाखेची (Faculty of Humanities Studies) ऑनलाईन बैठक दिनांक १४/०६/२०२१ रोजी सकाळी ११:३० वाजता Google Meet व्दारे संपन्न झाली. सदर बैठकीला खालील सन्माननीय अध्यक्ष व सदस्य उपस्थित होते.

क्र.	नाम	पदा	स्थिती	क्र.	नाम	पदा	स्थिती
१)	डॉ. व्ही. एल. कदम	अध्यक्ष	उपस्थित	२)	डॉ. एस. एन. सलवदे	सदस्य	उपस्थित
३)	डॉ. अनी जॉन	सदस्या	उपस्थित	४)	डॉ. सुरेखा शेंख	सदस्या	उपस्थित
५)	डॉ. डॉ. आर. गायकवाड	सदस्य	उपस्थित	६)	डॉ. बी. एच. दामजी	सदस्य	उपस्थित
७)	डॉ. सी. एस. चव्हाण	सदस्य	उपस्थित	८)	डॉ. जी. एस. कांबळे	सदस्य	उपस्थित
९)	डॉ. अनघा जोशी	सदस्या	उपस्थित	१०)	डॉ. माया पाटील	सदस्या	उपस्थित
११)	डॉ. जी. एस. धबाले	सदस्य	उपस्थित	१२)	डॉ. ए. ए. गढवाल	सदस्य	उपस्थित
१३)	डॉ. एस. जी. सोनटक्के	सदस्य	उपस्थित	१४)	डॉ. बी. एस. मुळीक	सदस्य	उपस्थित
१५)	डॉ. एम. एस. चोबदार	सदस्य	उपस्थित	१६)	डॉ. जी. यु. तोडकरी	सदस्य	उपस्थित
१७)	डॉ. एस. के. पाटील	सदस्य	उपस्थित	१८)	डॉ. एम. कृष्णमुनी	सदस्य	उपस्थित
१९)	डॉ. डॉ. सी. ननवरे	सदस्य	उपस्थित	२०)	डॉ. दादासाहेब खांडेकर	सदस्य	उपस्थित
२१)	डॉ. बी. डॉ. पारसे	सदस्य	उपस्थित	२२)	डॉ. संग्राम चव्हाण	सदस्य	अनुपस्थित
२३)	डॉ. शिवाजी वाघमोडे	सदस्य	उपस्थित	२४)	डॉ. एम. डी. चौगुले	सदस्य	उपस्थित
२५)	डॉ. डॉ. ए. पाटील	सदस्य	अनुपस्थित	२६)	डॉ. बी. ए. मेटेल	सदस्य	उपस्थित
२७)	डॉ. एस. व्ही. सांबुखे	सदस्य	उपस्थित	२८)	डॉ. एफ. एम. शेंख	सदस्या	अनुपस्थित
२९)	डॉ. मेजर एस. डी. पवार	सदस्य	उपस्थित	३०)	डॉ. यु. एम. राव	सदस्य	उपस्थित
३१)	डॉ. विनय साठे	सदस्य	उपस्थित	३२)	डॉ. भारती रेवडकर	सदस्या	उपस्थित
३३)	डॉ. डॉ. एम. रेड्डी	सदस्य	अनुपस्थित	३४)	डॉ. राजेंद्र दास	सदस्य	अनुपस्थित
३५)	मा. डॉ. डॉ. एन. मिश्रा, प्र-कुलगुरु	निर्मात्रित सदस्य	उपस्थित	३६)	डॉ. महावीर शास्त्री	सदस्य	उपस्थित

### बैठकीतील विषय/ठराव खालीलप्रमाणे

विषय क्र:- (१)	मागील बैठकीचे इतिवृत्त वाचून कायम करणे.																																													
ठराव क्र:- (१)	मानवविज्ञान विद्याशाखेची मागील बैठक गुरुवार दि.०१/०४/२०२१ रोजी दुपारी ३:०० वा. ऑनलाईन प्रणालीव्दारे संपन्न झाली. सदर बैठकीचे इतिवृत्त वाचून कायम करण्यात आले.																																													
विषय क्र:- (२)	शैक्षणिक वर्ष २०२१-२२ पासून सुरु होणाऱ्या, नविन शैक्षणिक धोरण २०२० नुसार मानवविज्ञान विद्याशाखे अंतर्गत येणाऱ्या पदवी भाग-३, पदव्युत्तर भाग-२ व पीएच. डी. कोर्सवर्क पाठ्यक्रमांचा (CBCS) निवड आधारित श्रेयांक प्रणालीनुसार संबंधित विषयाच्या अभ्यासमंडळाकडून प्राप्त अभ्यासक्रम स्वीकारून विद्यापरिषदेकडे शिफारस करण्याची बाब विचारार्थ.																																													
	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>UG Courses</th> <th>PG Courses</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>English B.A./B.Sc./B.C.A./B.B.A. Part-III</td> <td>English M.A. Part-II (For University Campus) English M.A. Part-II (For Affiliated Colleges)</td> </tr> <tr> <td>2.</td> <td>Marathi B.A. Part-III</td> <td>Marathi M.A. Part-II (For University Campus) Marathi M.A. Part-II (For Affiliated Colleges)</td> </tr> <tr> <td>3.</td> <td>Hindi B.A. Part-III</td> <td>Hindi M.A. Part-II (For University Campus) Hindi M.A. Part-II (For Affiliated Colleges)</td> </tr> <tr> <td>4.</td> <td>Kannada B.A. Part-III</td> <td>Kannada M.A. Part-II (For University Campus) Kannada M.A. Part-II (For Affiliated Colleges)</td> </tr> <tr> <td>5.</td> <td>Sanskrit B.A. Part-III</td> <td>Sanskrit M.A. Part-II</td> </tr> <tr> <td>6.</td> <td>Urdu B.A. Part-III</td> <td>Urdu M.A. Part-II (For University Campus) Urdu M.A. Part-II (For Affiliated Colleges)</td> </tr> <tr> <td>7.</td> <td>Persian B.A. Part-III</td> <td>--</td> </tr> <tr> <td>8.</td> <td>--</td> <td>Pali M.A. Part-II</td> </tr> <tr> <td>9.</td> <td>Prakrit B.A. Part-III</td> <td>Prakrit M.A. Part-II</td> </tr> <tr> <td>10.</td> <td>Psychology B.A. Part-III</td> <td>Psychology M.A. Part-II</td> </tr> <tr> <td>11.</td> <td>Philosophy B.A. Part-III</td> <td>--</td> </tr> <tr> <td>12.</td> <td>History B.A. Part-III</td> <td>History M.A. Part-II</td> </tr> <tr> <td>13.</td> <td>A.I.H.C.&amp;A. B.A. Part-III</td> <td>A.I.H.C&amp;A M.A. Part-II</td> </tr> <tr> <td>14.</td> <td>Political Science B.A. Part-III</td> <td>Political Science M.A. Part-II</td> </tr> </tbody> </table>	Sr. No.	UG Courses	PG Courses	1.	English B.A./B.Sc./B.C.A./B.B.A. Part-III	English M.A. Part-II (For University Campus) English M.A. Part-II (For Affiliated Colleges)	2.	Marathi B.A. Part-III	Marathi M.A. Part-II (For University Campus) Marathi M.A. Part-II (For Affiliated Colleges)	3.	Hindi B.A. Part-III	Hindi M.A. Part-II (For University Campus) Hindi M.A. Part-II (For Affiliated Colleges)	4.	Kannada B.A. Part-III	Kannada M.A. Part-II (For University Campus) Kannada M.A. Part-II (For Affiliated Colleges)	5.	Sanskrit B.A. Part-III	Sanskrit M.A. Part-II	6.	Urdu B.A. Part-III	Urdu M.A. Part-II (For University Campus) Urdu M.A. Part-II (For Affiliated Colleges)	7.	Persian B.A. Part-III	--	8.	--	Pali M.A. Part-II	9.	Prakrit B.A. Part-III	Prakrit M.A. Part-II	10.	Psychology B.A. Part-III	Psychology M.A. Part-II	11.	Philosophy B.A. Part-III	--	12.	History B.A. Part-III	History M.A. Part-II	13.	A.I.H.C.&A. B.A. Part-III	A.I.H.C&A M.A. Part-II	14.	Political Science B.A. Part-III	Political Science M.A. Part-II
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13.	A.I.H.C.&A. B.A. Part-III	A.I.H.C&A M.A. Part-II																																												
14.	Political Science B.A. Part-III	Political Science M.A. Part-II																																												



16.	Economics B.A. Part-III	Economics M.A. Part-II (For University Campus) Economics M.A. Part-II (For Affiliated Colleges)
17.	N.C.C. विद्यापीठ अनुदान आयोगाचे दि.15 एप्रिल, 2021 रोजीच्या प्रत्रानुसार N.C.C as general Elective Credit Course	--
18.	--	Rural Development M.A. Part-II
19.	L.L.B. Part-III B.A. L.L.B. Part-III	L.L.M. Part-II

Ph.D. Course Work Paper No. 1 Research Methodology

Ph.D. Course Work Paper No. 2 A) Information & Computer Technology (ICT)  
B) Research & Publication Ethics (RPE)

Ph.D. Course Work Paper No. 3 Advanced Knowledge In Core Domain of Concerned Subject

Sr.No.	Ph.D. Course Work Paper No.3	Sr.No.	Ph.D. Course Work Paper No.3
1.	English	9.	Philosophy
2.	Marathi	10.	History
3.	Hindi	11.	A.I.H.C&A
4.	Kannada	12.	Political Science
5.	Sanskrit	13.	Sociology
6.	Prakrit	14.	Economics
7.	Urdu	15.	Rural Development
8.	Psychology	16.	Law

ठराव क्र.:- (२)

शैक्षणिक वर्ष २०२१-२२ पासून सुरु होणाऱ्या, नविन शैक्षणिक धोरण २०२० नुसार मानवविज्ञान विद्याशाखे अंतर्गत येणाऱ्या पदवी भाग-३, पदव्युत्तर भाग-२ व पीएच. डी. कोर्सवर्क पाठयक्रमांचा (CBCS) निवड आधारित श्रेयांक प्रणालीनुसार संबंधित विषयाच्या अभ्यासमंडळाकडून उपरोक्त पमाणे प्राप्त अभ्यासक्रम सर्वानुमते स्वीकारून विद्यापरिषदेकडे शिफारस करण्यात आली.

नविन शैक्षणिक धोरण २०२० नुसार Skill Based Course पदवी व पदव्युत्तर अभ्यासक्रमाकरिता एकूण चार क्रेडिटचा Add On Course म्हणून तयार करणे आवश्यक आहे असे मा. अध्यक्षांनी सर्व अभ्यासमंडळांच्या अध्यक्षांना सूचित करून सदर Skill Based Course चा अभ्यासक्रम दि.२०/०६/२०२१ पर्यंत अभ्यासमंडळे विभागास सादर करण्यास सांगितले.

विषय क्र. : (३)

मा. अध्यक्षांच्या पूर्वपरवानगीने येणाऱ्या आयत्या वेळेचे विषय.

विषय क्र.:- (३-१)

बी. ए. भाग-२ मराठी पाठयपुस्तक डॉ. निर्मलकुमार फडकुले लिखित "जगायचं कशासाठी?" या ऐवजी डॉ. निर्मलकुमार फडकुले लिखित "हिरव्या वाटा" हे पुस्तक अभ्यासक्रमात समाविष्ट करणेबाबत मराठी अभ्यासमंडळाच्या अध्यक्षांनी सदर बैठकीत केलेली विनंती.

ठराव क्र. : (३-१)

उपरोक्त विषयाबाबत मराठी अभ्यासमंडळांच्या मा. अध्यक्षांनी केलेल्या विनंतीस बी. ए. भाग-२ मराठी पाठयपुस्तक "जगायचं कशासाठी" या ऐवजी डॉ. निर्मलकुमार फडकुले लिखित "हिरव्या वाटा" हे पुस्तक अभ्यासक्रमात समाविष्ट करण्यासाठी सर्वानुमते मान्यता देण्यात येऊन सदर बाब अंतिम मान्यतेकरिता विद्यापरिषदेकडे शिफारस करण्यात आली.

विषय क्र. : (३-२)

प्रस्तुत विद्यापीठातील सामाजिकशास्त्रे संकुलातील प्राचीन भारतीय इतिहास, संस्कृती आणि पुरातत्वशास्त्र या विभागामध्ये सन-२००० पासून Diploma in Museology हा एक वर्षाचा Diploma Course सुरु करण्यात आले होते. सदर कोर्स हा शैक्षणिक वर्ष २०१४ मध्ये बंद करण्यात आला होता. सदरील कोर्स शैक्षणिक वर्ष २०२१-२२ पासून पुनःसुरु करण्याची बाब विचारार्थ.

ठराव क्र.:- (३-२)

प्रस्तुत विद्यापीठातील सामाजिकशास्त्रे संकुलातील प्राचीन भारतीय इतिहास, संस्कृती आणि पुरातत्वशास्त्र या विभागामध्ये सन-२००० पासून Diploma in Museology हा एक वर्षाचा Diploma Course सुरु करण्यात आले होते. सदर कोर्स हा शैक्षणिक वर्ष २०१४ मध्ये बंद करण्यात आला होता. सदरील कोर्स शैक्षणिक वर्ष २०२१-२२ पासून पुनःसुरु करण्यास सर्वानुमते मान्यता प्रदान करून विद्यापरिषदेकडे शिफारस करण्यात आली.

*Handwritten Signature*  
(मा. डॉ. व्ही. एल. कदम)

अधिष्ठाता, मानवविज्ञान विद्याशाखा



**PUNYASHLOK AHILYADEVI HOLKAR  
SOLAPUR UNIVERSITY, SOLAPUR**



**Name of the Faculty** : For All Four Faculties

**Name of the Course** : Ph.D. Course Work Paper No. 2

**Syllabus** :  
A) Information and Computer  
Technology (ICT)  
B) Research and Publication  
Ethics (RPE)

**With effect from** : June 2021-22





**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**  
**Ph. D. Course Work Syllabus Paper No. 2 (A)**

**Course/Paper -2 A (Information and Computer Technology)**

Unit-I	<b>General</b> a) Definition of ICT, Related Concepts & Terminologies b) Information Processing Cycle. c) Uses of ICT Tools, Impact of ICT on Educational, Social & Economic Development.  Use of Various Components of ICT in research :Usage of Internet ; Information Collection; Information Storage ; Inf/Data retrieval; Computational Tools and Various Software for Research Communication ; Computer and Information Technology based communications with Guide and Other researchers	06 Hrs.
		0.5 Credit
		10 Marks
Unit-II	<b>Components of Information Communication Technology (ICT)</b> <b>Impact factor, e-information Patents:</b> Agencies, National /International, procedure for filing, e-submission. International publications: notes, letters/communications, full papers Reviews, h-index, Citation index, Research Gate, Google scholar and other web based units to enhance the spreading of research outcomes.  <b>Online Survey Tools:</b> Google forms and Survey Monkey etc. Collaborative Data Collection and Writing tools like Google Sheet and Docs	12 Hrs.
		01 Credit
		20 Marks
Unit-III	<b>Applications part to research report presentation, etc. ——— :</b> <b>WORD PROCESSING</b> a) Word Processing package & uses in creating Document & Saving Document, b) Editing Text in Word Processing Document, c) Formatting Word Processing Document d) Inserting Tables & Symbols in word, Bibliographic support software. Brief Introduction giving usage details of Presentation Software and Spreadsheets	06 Hrs.
		0.5 Credit
		10 Marks
Total Credit = 02 ; Total Marks = 40 UA + 10 CA ; Total Hrs. = 24		



**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,  
SOLAPUR**

**Ph.D. Course work syllabus Paper No. 2(B)**  
Title of the paper – RESEARCH AND PUBLICATION ETHICS

<b>Unit - 1</b>	<b>Ethics and philosophy of ethics:</b> Meaning and definition of 'ethics', moral considerations, philosophy of observing ethics, nature of moral judgments and reactions, branches of philosophy guiding ethics, objectivity, openness	06 hrs 0.5 credits 10 Marks
<b>Unit - 2</b>	<b>Ethics in conducting research:</b> Intellectual honesty and research integrity, 7 principles of ethics in research, research ethics is compliant to research, Codes of ethics, different research ethics for different disciplines, Scientific misconducts (falsification, fabrication, plagiarism), selective reporting, misrepresentation of data, limits of Internet use, Informed consent rules, research involving human or animal subjects	12 hrs 1.0 credits 20 Marks
<b>Unit - 3</b>	<b>Ethics in research publications:</b> Definition, importance, best practices, guidelines, responsible publication, legality, confidentiality, conflict of interest, predatory publishers and journals, respect for intellectual property, authorship and contributorship, transparency in publications	06 hrs 0.5 credits 10 Marks
Total Credit = 02; Total Marks = 40 UA + 10 CA; Total Hours = 24		

*Danishm*  
20.2.2021  
(Dr. D.N. Mishra)

BOS section

Bos / P.G. Admission  
Inward No-234

20.FEB 2021

श्री. दण्डोल - विज्ञान व संशोधन शाखा वी.ए.ए. विद्यापीठ, स.स.  
अभिनी मोहरी - मानवविज्ञान व सांस्कृतिकशास्त्र शाखा, स.स.

*Katirj*  
20.2.21



# Ph.D. Course Work Paper No.2 Part-B



ज्ञान-विज्ञान विभूक्तये

प्रो. रजनीश जैन  
सचिव

Prof. Rajnish Jain  
Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
University Grants Commission

(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
Ministry of Human Resource Development, Govt. of India

बहादुरशाह जफर मार्ग, नई दिल्ली-110002  
Bahadur Shah Zafar Marg, New Delhi-110002

Ph. : 011-23236288/23239337

Fax : 011-2323 8858

E-mail : secy.ugc@nic.in

D.O.No.F.1-1/2018(Journal/CARE)

December, 2019

Respected Sir/Madam,

University Grants Commission in its 543<sup>rd</sup> meeting held on 9<sup>th</sup> August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled "Research and Publication Ethics (RPE)" to be made compulsory for all Ph.D. students for pre-registration course work (attached as Annexure).

In view of the above, you are requested to ensure that the above two Credit courses may be made compulsory for all Ph.D. students for pre-registration course work undertaken in your University from the forthcoming academic session.

With regards,

Yours sincerely,

(Rajnish Jain)

TO THE VICE-CHANCELLORS OF ALL UNIVERSITIES





## ANNEXURE

### **Course Title:**

- **Research and Publication Ethics (RPE)**-Course for awareness about the publication ethics and publication misconducts.

### **Course Level:**

- 2 Credit course (30 hrs.)

### **Eligibility:**

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

### **Fees:**

- As per University Rules

### **Faculty:**

- Interdisciplinary Studies

### **Qualifications of faculty members of the course:**

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

### About the course

#### **Course Code: CPE- RPE**

#### **Overview**

- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

#### **Pedagogy:**

- Class room teaching, guest lectures, group discussions, and practical sessions.

#### **Evaluation**

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.



## Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
<b>Theory</b>		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
<b>Practice</b>		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	<b>Total</b>	<b>30</b>

## Syllabus in detail

### THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
  - Introduction to philosophy: definition, nature and scope, concept, branches
  - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
  - Ethics with respect to science and research
  - Intellectual honesty and research integrity
  - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  - Redundant publications: duplicate and overlapping publications, salami slicing
  - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
  - Publication ethics: definition, introduction and importance
  - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  - Conflicts of interest
  - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  - Violation of publication ethics, authorship and contributorship
  - Identification of publication misconduct, complaints and appeals
  - Predatory publishers and journals

### PRACTICE

- RPE 04: OPEN ACCESS PUBLISHING (4 hrs.)**



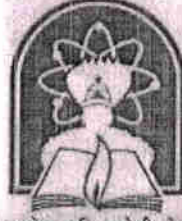
1. Open access publications and initiatives
  2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
  3. Software tool to identify predatory publications developed by SPPU
  4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.
- **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**
    - A. Group Discussions (2 hrs.)**
      1. Subject specific ethical issues, FFP, authorship
      2. Conflicts of interest
      3. Complaints and appeals: examples and fraud from India and abroad
    - B. Software tools (2 hrs.)**  
Use of plagiarism software like Turnitin, Urkund and other open source software tools
  - **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**
    - A. Databases (4 hrs.)**
      1. Indexing databases
      2. Citation databases: Web of Science, Scopus, etc.
    - B. Research Metrics (3 hrs.)**
      1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
      2. Metrics: h-index, g index, i10 index, altmetrics

## References

- Bird, A. (2006). *Philosophy of Science*. Routledge.
- MacIntyre, Alasdair (1967) *A Short History of Ethics*. London.
- P. Chaddah, (2018) *Ethics in Competitive Research: Do not get scooped; do not get plagiarized*, ISBN:978-9387480865
- National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). *On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition*. National Academies Press.
- Resnik, D. B. (2011). What is ethics in research & why is it important. *National Institute of Environmental Health Sciences*, 1–10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
- Beall, J. (2012). Predatory publishers are corrupting open access. *Nature*, 489(7415), 179–179. <https://doi.org/10.1038/489179a>
- Indian National Science Academy (INSA), *Ethics in Science Education, Research and Governance*(2019). ISBN:978-81-939482-1-7. [http://www.insaindia.res.in/pdf/Ethics\\_Book.pdf](http://www.insaindia.res.in/pdf/Ethics_Book.pdf)



# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR



पुण्यश्लोक अहिल्यादेवी होळकर  
सोलापूर विद्यापीठ

॥ विद्यया संपन्नता ॥

NAAC Accredited - 2015  
"B" Grade (CGPA - 2.62)

- Name of the Faculty** : For All Four Faculties
- Name of the Course** : Ph.D. Course Work Paper No. 1
- Syllabus** : Research Methodology
- With effect from** : June 2021-22



Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Ph.D. Course Work

New Structure w.e.f. 2020-21

Course / Paper- I : RESEARCH METHODOLOGY

Learning / Course Objectives:

At the end of this course a candidate will be able to –

1. Understand the psychology of research which includes different perspectives and necessity of research.
2. Apply the research knowledge to formulate a suitable problem statement by adopting different research methods and models.
3. Analyze the research outcome by using suitable statistical tool.
4. Write or present a scientific report and research proposal by adopting copyright based ethical values.

Unit-I – Introduction to Research :

- 1) Definition- Scientific Research- Meaning and importance of Research – Types of Research – Selection and formulation of Research Problem – Research Design Motivation and objectives –
- 2) Defining and formulating the research problem - Selecting the problem - Necessity of defining the problem- 3) Importance of literature review in defining a problem – Literature review – Primary and secondary sources – reviews, treatise, monographs-patents – web as a source – searching the web - Critical literature review – Identifying gap areas from literature review - 4) Research methods vs Methodology. Types of research – Descriptive vs. Analytical, Applied vs Fundamental, Quantitative vs. Qualitative, Conceptual vs Empirical, development of working hypothesis.

[ 06 Hrs., / 0.5 Credit / 10 Marks ]

Unit-II – Methods of Research:

- |     |                       |   |
|-----|-----------------------|---|
| (a) | Traditional Methods – | Historical, Institutional, Legal, Philosophical, Comparative, Ethical methods.  |
| (b) | Modern Methods –      | Survey of Literature, Sampling method, Questionnaire, Schedule etc, Interview method and Focus Group discussion, Observation Method, Case Study method, Content analysis, Delphi method, Statistical Method, Experimental method, Brainstorming Techniques, Rating Scale. |

[ 12 Hrs., / 01 Credit / 20 Marks ]

(c) Ethnographic methods

(d) Documentation methods



### Unit-III – Research Design :

Basic Principles- Need of research design, Features of good design important concepts relating to research design, Observation and Facts, Laws and Theories, Prediction and explanation, Induction, Deduction, Development of Models. The nature of research design, formulation of research design, classification of research designs: Descriptive, experimental, exploratory, diagnostic, correlative, action and evaluation, developing a research plan; determining experimental and sample designs, Pilot Study.

[ 12 Hrs., / 01 Credit / 20 Marks ]

### Unit-IV – Applications of Statistical tools & Methods :

Execution of the research , observation and Collection of data , diagrammatic & graphical presentation of data, sampling methods, tools & software , data Processing and analysis strategies, data analysis with statistical tools like mean, median, mode; dispersion: variance and deviation , analysis of variance : ANOVA and ANOCOVA, correlation, regression, hypothesis testing: parametric and nonparametric tests( chi square, t-test, two tailed test, one tailed test etc.) ; Generalization and Interpretation.

[ 12 Hrs., / 01 Credit / 20 Marks ]

### Unit-V – Report Writing :

Structure and components of scientific reports, types of report, Significance, Different steps in the preparation, layout, structure and language of typical reports, illustrations and tables, bibliography, Webliography, referencing, perfect pages, prefectural quotation, different report writing manuals, Appendices, plagiarism.

[ 06 Hrs., / 0.5 Credit / 10 Marks ]

[ Total Credit = 04 ; Total Marks = 80; UA + 20 CA; Total hrs = 48 ]

### Suggested References :

1. An introduction to Research Methodology; Garg B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002., RBSA Publishers.
2. Research Methodology: Methods and Techniques ,Kothari C.R., 1990.. New Age International.
3. Research Methodology; Sinha S.C. and Dhiman, A.K., 2002. Ess Publications. 2 volumes.
4. Research Methods: the concise knowledge base; Trochim W.M.K., 2005. Atomic Dog Publishing. 270p.
5. Research Methodology ; Panneerselvam R., PHI, Learning Pvt. Ltd., New Delhi - 2009
6. Research Methodology: Concepts and cases, Chawala D. and N. Sondhi ; Vikas Publishing House Pvt. Ltd.

### Additional Suggestion:

1. Research Methods: A Process of Inquiry Anthony, M., Graziano, A.M. and Raulin, M.L., 2009., Allyn and Bacon.
2. Proposal Writing ; Coley, S.M. and Scheinberg, C. A., 1990, Sage Publications.
3. Marathi Reference books related to the paper



M. P. Baekute  
(M. P. Baekute)  
Saini Sangola college, Sangola

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**  
**Ph.D. Course Work Instructions & Structure confirmed on 03/11/2020**

**Ph. D. Course Work New Structure w.e.f. 2021-22**  
**Paper-wise Units & Credits/Hours/Marks**

**Course/Paper-1 (Research Methodology)**

Unit-I	General perceptions, views, statements and approaches, etc-----	6 hrs.
		0.5 Credit
		10 Marks
Unit-II	Methods of research-----	12 hrs.
		01 Credit
		20 Marks
Unit-III	How to design and proceed with a researchable topic pre-requisites, etc-	12 hrs.
		01 Credit
		20 Marks
Unit-IV	Statistical tools, methods and applications, etc-----	12 hrs.
		01 Credit
		20 Marks
Unit-V	Report writing, rules, requirements, formats, etc-----	06 hrs.
		0.5 Credit
		10 Marks
Total credit=04 ; Total Marks=80 UA+20 CA ; Total hrs=48		

**Course/Paper-2 A (Information and Computer Technology)**

Unit-I	General	06 hrs.
		0.5 Credit
		10 Marks
Unit-II		12 hrs.
		01 Credit
		20 Marks
Unit-III	Application part to research report presentation, etc-----	06 hrs.
		0.5 Credit
		10 Marks
Total Credit=02; Total Marks= 40 UA + 10 CA ; Total hrs=24		

**Course/Paper- 2B (Research & Public Ethics) As per UGC guidelines.**

**Course Structure**

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Unit-I	Philosophy and Ethics	04 hrs.
Unit-II	Scientific Conduct	04 hrs.
Unit-III	Publication Ethics	04 hrs.
Unit-IV	Open Access Publishing	04 hrs.
Unit-V	Publication Misconduct	04 hrs.
Unit-VI	Databases and Research Metrics	04 hrs.
Total Credit=02 ; Total Marks= 40 UA + 10 CA ; Total hrs=24		



**Course/Paper-3 (Advanced Knowledge in Core domain of concerned subjects)**

Unit-I	Newly added knowledge to broad understanding of core domain subject, etc-----	06 hrs.
		0.5 Credit
		10 Marks
Unit-II		24 hrs.
		2.5 Credit
		40 Marks
Unit-III		24 hrs.
		2.5 Credit
		40 Marks
Unit-IV		06 hrs.
		0.5 Credit
		10 Marks
Total Credit=06, Total Marks=100 UA + 50 CA, Total hrs=60		

**Course/Paper-4 (Foundation and Philosophy of Research)**

Unit-I	Study and discuss on "Need and development of a research that is different than superficial imaginations" in the content of the research topic the candidate has been approved for doing research. A objective wise conceptual understandings be submitted to the supervisor.	6 hrs.
		0.5 Credit
		20 Marks
Unit-II	How the concerned topic of research is Socially, scientifically and otherwise relevant? The student should discuss read and write a detailed note or give a write up to the supervisor.	24 hrs.
		2.0 Credit
		50 Marks
Unit-III	Doing review of literature from various sources and giving a write up on contemporary relevance of the research done by others in the select field to the supervisor.	24 hrs.
		2.0 Credit
		50 Mark
Unit-IV	Prepare a research article, presenting a paper at workshop /Conference /seminar, participation in research festivals, research programs, visits, interactions and reporting to supervisor of outcome/achievements from such activities.	06 hrs.
		1.5 Credit
		30 Marks
Total Credit=06, Total Marks =150 CA (Submitted by Guide)		





# Punyashlok Ahilyadevi Holkar Solapur University, Solapur

## Ph.D. Course Work Instructions

- १) पीएच.डी. कोर्स वर्क अभ्यासक्रम हा CBCS पॅटर्न प्रमाणे ८०-२० गुण याप्रमाणे असावा.  
80 Marks : Theory Paper  
Internal 20 Marks based on Seminar, Tutorial & Unit Test. It will be conducted by concerned subject teacher.
- २) पीएच.डी. कोर्स वर्क अभ्यासक्रम एकूण ५०० गुणांचा असावा. एम.फील. उत्तीर्ण असणा-या विद्यार्थ्यांनाही हा कोर्स पास होणे बंधनकारक असेल.
- ३) पीएच.डी. कोर्स वर्कसाठी अंतर्गत मूल्यमापन (Internal Evaluation) ला उत्तीर्ण असणे आवश्यक आहे. जर विद्यार्थी Internal Evaluation पेपरला बसला नाही अथवा उत्तीर्ण झाला नाही तर संबंधित पेपर मध्ये असा विद्यार्थी अनुत्तीर्ण असेल.
- ४) पीएच. डी. परीक्षेचे प्रश्नपत्रिकेची भाषा व उत्तरे लिहिण्याची भाषा खालीलप्रमाणे राहिल.

Paper No. & Paper Title	Language of Question Paper	Medium of Answer
I – Research Methodology	English & Marathi	English & Marathi
II – (A) Information Computer Technology (ICT) (B) Research & Publication Ethics (As per UGC Guidelines)	English & Marathi	English & Marathi
III – Advanced Knowledge In Core domain of concerned subjects	English & Language of concerned subject	English & Language of concerned subject

- ५) ज्या विषयासाठी सॉफ्टवेअर उपलब्ध आहे अशा सर्व चारही विद्याशाखेमधील विषयातील पीएच.डी. विद्यार्थ्यांचे प्लॅगॅरिझम Check करणे व ते यूजीसी/विद्यापीठ या अंतर्गत असणा-या गाईड लाईन्स प्रमाणे असेल तरच प्रबंध स्विकारला जाईल.
- ६) Passing करिता एकूण गुणांच्या कमीत-कमी ५०% गुण असावेत.
- ७) संगणक संबंधित M.Sc. Computer Science, M.C.A., M.Tech. (Computer Engg.) & M.Tech. (Computer Sci.) या पदव्युत्तर अभ्यासक्रमाच्या उत्तीर्ण विद्यार्थ्यांकरिता Course Structure-२ मधील (A) Information and Computer Technology (I.C.T.) हा पेपर देणे बंधनकारक नाही.





पुण्यश्लोक अहिल्यादेवी होळकर  
सोलापूर विद्यापीठ  
NAAC Accredited-2015  
'B' Grade (CGPA 7.62)

पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर  
Punyashlok Ahilyadevi Holkar Solapur University, Solapur

केगाव, सोलापूर - ४१३ २५५, महाराष्ट्र (भारत)

दूरध्वनी क्र. ०२१७-२७४४७७१ / ७२/ ७३ (११ लाईन्स), फॅक्स : ०२१७-२३५१३००,

संकेतस्थळ: <http://su.digitaluniversity.ac.in> ई-मेल: [registrar@sus.ac.in](mailto:registrar@sus.ac.in)



कुलसचिव कार्यालय

Ref. No. PAHSUS/RO/2020/3345

Dt. : 5 MAR 2020

Institutional Ethics Committee

<b>Dr. Sachin Mumbare</b> Professor in Community Medicine, Ashwini Rural Medical College, Hospital and Research Centre, Solapur	<b>Chairperson</b>
<b>Dr. Abhijeet Jagtap,</b> Health Officer and Coordinator, School of Allied Health Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur	<b>Member Secretary</b>
<b>Dr. Chandrkant Waghmare</b> Associate Professor, Dept. of Pharmacology, Ashwini Rural Medical College, Hospital and Research Centre, Solapur	<b>Member</b>
<b>Dr. Vitthal Dhadke</b> Associate Professor, Dept. of Medicine, Dr. V. M. Government Medical College, Solapur	<b>Member</b>
<b>Adv. Javed Khairadi,</b> Law Officer, Punyashlok Ahilyadevi Holkar Solapur University, Solapur	<b>Member</b>
<b>Dr. Abhay Kudale</b> Assistant Professor, Interdisciplinary School of Health Sciences, Savitribai Phule Pune University, Pune.	<b>Member</b>
<b>Mr. Shivaji Shinde</b> Assistant Registrar, Punyashlok Ahilyadevi Holkar Solapur University, Solapur	<b>Member</b>

I am pleased to appoint you all as a Member of the Institutional Ethics Committee (IEC) (Human research) at Punyashlok Ahilyadevi Holkar Solapur University, Solapur w.e.f 05/03/2020 for a term of 3 years. You will be paid Transport Allowance and Dearness Allowance (TA/DA) as per University rules for your services rendered.

We sincerely hope your association with IEC, PAHSUS will be fruitful to the Institute & the Community we serve.



(Prof. Dr. V. B. Ghute)

Registrar  
Registrar

Punyashlok Ahilyadevi Holkar  
Solapur University, Solapur

## पीजी.बीयुटीआर विभा

दि. १९/१/२०१६

विद्यापरिषदेसाठी विषयाचा मसुदा :-


- १) एम.फिल./पीएच.डी. संशोधनातील (Anti-Plagiarism Scrutiny Compulsory) वाडमय चौर्य रोखण्याच्या दृष्टीने प्रबंध Anti Plagiarism Software द्वारे तपासणी करण्याची नियमावली विद्यापरीषदेच्या विचारार्थ.

(टिपणी :एम.फिल./पीएच.डी. संशोधनातील (Anti-Plagiarism Scrutiny Compulsory) वाडमय चौर्य रोखण्याच्या दृष्टीने प्रत्येक प्रबंध Anti Plagiarism Software द्वारे तपासणी करण्याची नियमावली तयार करणेसाठी मा. कुलगुरु सां. यांनी दि. २८ डिसेंबर २०१५ रोजीच्या आदेशान्वये खालील त्रिसदस्यीय समिती गठीत केलेली होती.


अ.क्र.	Anti-Plagiarism Software Committee	अध्यक्ष / सदस्य
१	प्रा. डॉ. आर. एस. हेगडी	अध्यक्ष
२	डॉ. आर. बी. भोसले	सदस्य
३	डॉ. व्ही. बी. पाटील	सदस्य

उपरोक्त समितीची बैठक दि. ८ जानेवारी २०१६ रोजी झालेली असून सदर समितीने सोबत जोडल्याप्रमाणे एम.फिल./पीएच.डी. चा प्रत्येक प्रबंध Anti Plagiarism Software द्वारे तपासणी करण्याची नियमावली तयार केलेली असून सदर नियमावली विद्यापरीषदेच्या विचारार्थ.

उपरोक्त विषय आगामी विद्यापरिषदेच्या सभेत ठेवण्यास मान्यता असावी. | ०


  
कनिष्ठ लिपिक  
१९/१/१६

  
कक्ष अधिकारी  
१५/१/१६

  
उपकुलसचिव  
१९/१/१६

  
मा.संचालक  
मविविमं  
२०/१/१६

  
कुलसचिव  
२०/१/१६

  
मा.कुलगुरु  
२०/१/१६

२५.१.१६

  
२५/१/१६

## सोलापूर विद्यापीठ

सोलापूर पुणे महामार्ग, केगाव,

सोलापूर - ४१३ २५५ (महाराष्ट्र)

website: <http://su.digitaluniversity.ac>



## SOLAPUR UNIVERSITY

Solapur Pune National Highway, Kegaon,

Solapur - 413 255 (Maharashtra)

EPABX: 0217-2744771, 66,67 Ext-125


Email : bcudsu@gmail.com

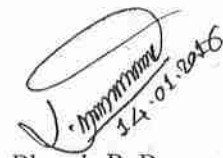
Ref. No. : SUS/BCUD/PGBUTR/2015-16/

Date:

### The meeting for drafting rules for anti plagiarism checking in Ph.D. thesis and M.Phil dissertations held today, on 08-01-2016 at 3:00 P.M.

- 1) One soft copy of M.Phil dissertation or Ph.D. thesis either in pen drive or in CD ROM/DVD ~~Rom~~ should be submitted by the research scholar to the librarian to check for plagiarism.
- 2) The soft copy of M.Phil dissertation or Ph.D. thesis must be in word format or unencrypted PDF format.
- 3) The soft copy of entire dissertation or thesis only must be submitted, including cover page.
- 4) The maximum permitted similarity index for the dissertation/thesis is less than or equal to 30%.
- 5) While submitting dissertation/thesis to BUTR Section, candidate must submit anti plagiarism certificate from Librarian, Solapur University Solapur.
- 6) If similarity index of the submitted dissertation/thesis is more than 30%, then the dissertation/thesis will not be accepted and candidate must resubmit the thesis after correction with resubmission fee of Rs. 1000/- for M.Phil dissertation and Rs. 2000/- for Ph.D. thesis.
- 7) After 2<sup>nd</sup> resubmission if the dissertation/thesis still have more than 30% similarity index then candidate must again modify thesis and resubmit it with fee of Rs. 1500/- for M.Phil dissertation and Rs. 3000/- for Ph.D. thesis.
- 8) In case of failure of similarity index of 30% after 3<sup>rd</sup> resubmission, the further submission for fourth time will be based on the approval by Vice-Chancellor. In case of approval the same amount of fee as in case of (7) will be applicable.
- 9) The content which is published by candidate either independently or along with the supervisor shall be exempted from anti plagiarism checks or match count.
- 10) If any dispute arises regarding interpretation of above rules, the Vice-Chancellor will be the final authority to resolve the issue.

  
Prof. Dr. R. S. Hegadi  
Chairman

  
Dr. Bhosale R. B.  
Member

  
Dr. Patil V. B.  
Member

# सोलापूर विद्यापीठ

सोलापूर पुणे महामार्ग, केगांव,

सोलापूर - ४१३ २५५ (महाराष्ट्र)

website: <http://su.digitaluniversity.ac>



# SOLAPUR UNIVERSITY

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EPABX: 0217-2744763, 66,67 Ext-125

Email : bcudsu@gmail.com

Ref. No. : SUS/PGBUTR/2015-16/4683

Date:- 16 MAY 2016

## परिपत्रक

या परिपत्रकाद्वारे सर्व पीएच.डी. व एम.फिल. संशोधक विद्यार्थ्यांना कळविण्यात येते की, पीएच.डी./एम.फिल. संशोधनातील (Anti - plagiarism Scrutiny Compulsory) वाढ:मय चौथे रोखण्याच्या दृष्टीने प्रत्येक प्रबंध (Thesis) Anti-plagiarism Software द्वारे तपासणी करण्याबाबत दि. 12/04/2016 रोजीच्या विद्यापरिषदेच्या बैठकीतील ठराव क्र. 44 अन्वये मान्यता देण्यात आलेली आहे.

सोबत जोडलेल्या नियमावलीमध्ये दिलेल्या सुचनेप्रमाणे प्रबंध Anti-plagiarism Software तपासणीसाठीचा विहित नमुन्यांत अर्ज करून, तपासणीबाबतचे प्रमाणपत्र ग्रंथालयातून प्राप्त करून Ph.D./ M.Phil. अंतिम शोध प्रबंध पीजीवीयुटीआर विभागामध्ये सादर करावा.

आदेशान्वये,

संचालक

महाविद्यालय व विद्यापीठ विकास मंडळ

प्रत माहिती व कार्यवाहिस्तव :-

1. मा. प्राचार्य/संशोधन केंद्र प्रमुख, सर्व मान्यता प्राप्त संशोधन केंद्र प्रस्तुत विद्यापीठ.
2. मा. संचालक, सर्व शैक्षणिक संकुले, 3. मा. परीक्षा नियंत्रक, परीक्षा विभाग, प्रस्तुत विद्यापीठ, 4. मा. ग्रंथपाल, ग्रंथालय विभाग.

ग्रंथालय  
सोलापूर विद्यापीठ, सोलापूर  
दस्तावेज नं. 42  
दिनांक 19/05/2016

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








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## Document Information

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**Analysis address** plsawant.sola@analysis.arkund.com

  
**DIRECTOR**  
 Knowledge Resource Centre  
 Purnyashlok Ahilyadevi Holkar  
 Solapur University, Solapur

## Sources included in the report

<b>W</b>	URL: <a href="https://docplayer.net/83551817-Chapter-i-introduction-and-literature-review.html">https://docplayer.net/83551817-Chapter-i-introduction-and-literature-review.html</a> Fetched: 11/29/2019 6:25:16 AM	 21
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## PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

### Rules for Ph.D. Programme (2019-2020; revised in 2021)

(In accordance with UGC Minimum Standards and Procedures for Award of Ph.D. Degrees Regulations, 2016 as published in the Gazette of India dated, 05<sup>th</sup> May, 2016 and UGC notification of 27<sup>th</sup> August, 2018)

Punyashlok Ahilyadevi Holkar Solapur University, Solapur offers the programme for the Degree of Doctor of Philosophy (Ph.D.) in respective subjects under the Faculties of Humanities, Commerce & Management, Science & Technology and Interdisciplinary Studies.

#### 1. R. Ph.D. Date of Application:

A candidate desirous to seek admission to the Ph.D. degree should apply to the University through online application on or before the date as notified by Punyashlok Ahilyadevi Holkar Solapur University, Solapur. For details candidates should visit Punyashlok Ahilyadevi Holkar Solapur University's official website time to time.

#### 2. R. Ph.D. Eligibility:

For admission to the Ph.D. programme in a related subject under a concerned faculty, the applicant shall fulfil the following conditions:

##### 2.1 Eligibility Criteria for Admission to Ph.D. Programme:

Subject to the conditions prescribed from time to time under the rules, the following persons are eligible to seek admission to the Ph.D. programme:

- 2.1.1 Candidates desirous to seek admission to the Ph.D. programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree in the relevant subject or in the allied subjects as declared by Punyashlok Ahilyadevi Holkar Solapur University or by statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 10-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.
- 2.1.2 A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, shall be allowed for those belonging to reserved categories (SC/ST/VJNT/OBC (Non-creamy layer) and/or Differently-abled candidates as per policies of the Government prescribed from time to time, or for those who had obtained their Master's degree prior to 19<sup>th</sup> September, 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible based only on the qualifying marks without including the grace mark procedures.
- 2.1.3 Candidates who have cleared the M.Phil. course work with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 10-point scale (or an equivalent grade in a point scale wherever grading system is followed) and willing to admit himself/herself for Ph.D. degree before submission of dissertation will be eligible for admission to Ph.D. under the supervision of same guide in an integrated programme. Such candidates must apply through proper channel with revised project proposal for Ph.D.



- 2.1.4** A candidate, whose M.Phil. Dissertation has been evaluated and the Viva Voce is pending shall be eligible for admission to the Ph.D. programme of Punyashlok Ahilyadevi Holkar Solapur University, Solapur, but through proper channel.
- 2.1.5** Candidates possessing an M.Phil. Degree of Punyashlok Ahilyadevi Holkar Solapur University or any other Statutory University or Degree considered equivalent to M.Phil. degree of an Indian institution or from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme, but through proper channel.

**3. R. Ph.D. Programme Duration:**

- 3.1** Ph.D. programme shall be of a minimum duration of three years, including course work and a maximum of six years. If the candidate fails to complete within six years period, he/she can seek to extend the term by maximum of **one more year** with the permission from guide. Extension will be governed by the relevant clauses as stipulated in the Statute/Ordinance of PAHSUS.
- 3.2** The women candidates and persons with disability (more than 40% disability) may be allowed an additional relaxation of two years for Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity Leave once in the entire duration of Ph.D. for up to 240 days, and this period will not be counted as programme period.
- 3.3** Candidates applying to the University as per Provisions mentioned above at 3.1 and 3.2 shall apply to the University before 3 Months of the expiry of the maximum duration for extension of time.
- 3.4** If a scholar fails to submit the thesis within the extended period of one/two years (as applicable), the registration shall be cancelled by default.

**4. R. Ph.D. Procedure for Admission to Ph.D.:**

- 4.1** Concerned Section of Punyashlok Ahilyadevi Holkar Solapur University shall notify on an annual basis a predetermined and manageable number of Ph.D. scholars to be admitted depending on the vacancies available with Research Supervisors (as prescribed under UGC norms with respect to the Scholar-Research Supervisor ratio) and other academic and physical facilities available.
- 4.2** The Punyashlok Ahilyadevi Holkar Solapur University shall release the Notification for admission to Ph.D. well in advance on its website and through advertisement in at least two national newspapers, of which one shall be a Marathi newspaper. The detailed information including the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, procedure for admission, examination centre(s) where entrance test(s) shall be conducted and all other relevant information for the benefit of the candidates shall be made available on University official website.
- 4.3** The admission to Ph.D. programme shall be based on the criteria notified by Punyashlok Ahilyadevi Holkar Solapur University keeping in view the guidelines/norms in this regard issued by the University Grants Commission and other statutory bodies concerned and considering the reservation policy of the Central/State Government prescribed from time to time.
- 4.4** All admissions for Ph.D. programmes shall be made through a Ph.D. Entrance Test (PET) and interview/interaction conducted by Punyashlok Ahilyadevi Holkar Solapur University. However, candidates qualified with NET/SET/SLET/GATE/M.Phil., Senior citizens and candidates of foreign nationality are exempted from appearing the PET as per R4.5, R4.6 and R4.7 below. The Merit list of Ph.D. admission shall be prepared as per the eligibility criteria of respective programmes. However, it is not mandatory for such candidate to avail such exemption and he/she may appear for PET for admission.
- 4.5** The candidates qualified with NET/SET/SLET/GATE/M.Phil. in concerned subject need not appear for entrance test (but application online for PET examination is mandatory with requisite fees) and the marks obtained by such candidate in his/her qualifying P.G. degree in concerned subject will be considered for preparation of merit list.
- 4.6** In view of promoting lifelong learning and utilizing experience of the senior citizens, candidate with age above 60 years shall be exempted from appearing PET (but application and such relevant





- information online on PET examination form is mandatory with requisite fees). However, the candidate must satisfy necessary eligibility criteria and shall appear for interview/interaction. It is not mandatory for such candidate to avail such exemption and he/she may appear for PET for admission.
- 4.7** Candidates with foreign nationality shall be exempted from appearing PET. However, such candidate must satisfy necessary eligibility criteria and shall appear for interview/interaction in person or through video conferencing. It is not mandatory for such candidate to avail such exemption and he/she may appear for PET for admission.
- 4.8** Candidates appearing for the post graduate final year examination can appear PET. However, he/she should submit the result of post graduate final year examination at the time of Ph.D. admission, if fulfils required % of marks. Failure to which shall disqualify the concerned candidate from further process.
- 4.9** Employed candidate shall have to submit no objection certificate from the employer at the time of admission to remain available full time for the program period.
- 4.10** The admission to the Ph. D. shall be a two-stage process:
- A.** Ph.D. Entrance Test (PET) shall be the qualifying examination with minimum secured 50% marks. The syllabus of PET shall consist of 50% on Research approaches, General Knowledge and 50% shall be subject specific.
  - B.** An interview/interaction conducted for all qualified candidates in the ratio of 1:3 for the first round by Departmental Research Committee (DRC) / Central Research Committee (CRC) where the candidates are required to discuss their research interest/area. This interview shall also consider the following aspects:
    - I.** Whether the candidate possesses the competence for the proposed research
    - II.** Whether the research work can be suitably undertaken at the proposed research centre
    - III.** Whether the proposed area of research can contribute to new/additional knowledge, etc.
  - C.** If all seats are not filled in the first round, another round of DRC/CRC may be called by calling next candidates in the merit list in the ratio of 1:3 and so on.
- 4.11** A common merit list will be prepared for all candidates, those who have appeared for PET and those who have been exempted from PET under R4.5, R4.6 and R4.7.
- A.** For candidates who have appeared for PET, the score obtained in the PET will only be considered for preparation of merit list. Final score for merit list is calculated considering the marks of the candidate in PET (70% weightage) and performance in interview/interaction (30% weightage).
  - B.** For candidates those who have been exempted from PET under R4.5, R4.6 and R4.7 – Final score for merit list is calculated considering the marks of the candidates in Masters Degree (70% weightage) and performance in interview/ interaction (30% weightage). If candidate's Master Degree marks are given in grade point scale, then that shall be converted into percentage using an appropriate conversion formula declared by the Punyashlok Ahilyadevi Holkar Solapur University.
- In case if final score for merit list of two or more candidates comes to same, then the marks scored at Masters Degree shall be considered to prepare the order of merit. If candidate's Master Degree marks are in grade point scale, then that shall be converted into percentage using an appropriate conversion formula declared by the Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
- 4.12** The Merit List prepared as per R4.11 above will be valid for the admission to Ph.D. programme for that academic year or till the next PET Programme is commenced. However, qualifying PET does not essentially imply the confirmation of Ph.D. admission.
- 4.13** The candidate shall appear for interview/interaction along with the complete preference document as given in Annexure-I.
- 4.14** All admissions to Ph.D. Programme shall be processed through the DRC/CRC.



- 4.15 The Punyashlok Ahilyadevi Holkar Solapur University will maintain the list of all Ph.D. registered students on its website year-wise. The list shall include the name of the registered student, topic of his/her research, name of his/her supervisor/co-supervisor, date of enrolment/registration, etc.

**5. R. Ph.D. Entrance Test (PET):**

- 5.1 The PET shall be conducted at the notified centre(s).
- 5.2 PET will be held online mode or as per university's notification.
- 5.3 There is no provision for supply of photocopy or re-valuation for PET answer papers. However, the Answer key will be published on university website within eight days after PET.
- 5.4 70% of the Ph.D. admission seats are reserved for Punyashlok Ahilyadevi Holkar Solapur University (Home University) candidates and remaining 30% of the admission seats will be available to other university students.

The Punyashlok Ahilyadevi Holkar Solapur University (Home University) candidate means –

- a. Candidate who has completed his UG and/or PG programme from Punyashlok Ahilyadevi Holkar Solapur University/affiliated colleges/institutions

OR

Candidate who is a domicile resident of Solapur district and who was admitted to UG or PG programme of Shivaji University, Kolhapur or college/institute affiliated to Shivaji University, Kolhapur before academic year 2004-05 for first year and before academic year 2005-06 for lateral entry.

OR

Candidate who was admitted to UG or PG programme before academic year 2004-05 for first year and before academic year 2005-06 for lateral entry in any of the below institute located in Solapur District -

1. PG Centre of Shivaji University, Kolhapur
2. College / Institution affiliated to Shivaji University, Kolhapur

- b. Permanent and Approved teaching/non-teaching staff working in the Punyashlok Ahilyadevi Holkar Solapur University/affiliated colleges/institutions.

- 5.5 The reservations for category [SC/ST/VJNT/OBC/SBC/SEBC/EWS (non-creamy layer)/differently-abled/any other] as per the decisions of Commissions from time to time will be applicable to Punyashlok Ahilyadevi Holkar Solapur University (Home University) Quota and Other University Quota separately.
- 5.6 There can be exchange of seats between home and other university with due permission if seats remain vacant in respective categories to accommodate eligible students.

**6. R. Ph.D. Departmental Research Committee (DRC) and Central Research Committee (CRC):**

- 6.1 Below is the constitution of Departmental Research Committee (DRC) for the admission to Ph.D. programme in University Department

- i. Chairperson – Director of the School/ Head of the Department
- ii. Members - Two Subject Experts (One from Department Concerned and one from outside university jurisdiction nominated by the Pro-Vice Chancellor)
- iii. Members - Two Nominates of the Pro Vice Chancellor (One General and one Reservation)
- iv. Member - Chairman of Board of Studies concerned



All the above members shall be the research Guides/Supervisors for Ph.D. and one of them shall be from reserved category and one may be a female member. It is the responsibility of the member from the reserved category to observe and ensure the execution of the reservation policy as per the Government of Maharashtra at the time of admission process.

If DRC cannot be constituted as above, due to the small size of the Department, then the recognized research Guides/Supervisors from the affiliated colleges / recognized institutes may be nominated by the Pro Vice Chancellor for the formation of DRC.

- 6.2 For admission to Ph.D. programme in the subjects for which University Department does not exist. The Central Research Committee (CRC) will be constituted by the Pro Vice-Chancellor as below:
- i. Chairperson – A Senior Professor in the subject concerned within the university or of outside university as per availability.
  - ii. Members - Two subject experts to be nominated by the Pro Vice-Chancellor
  - iii. Member - Chairperson, Board of Studies in the concerned subject

All the above members necessarily shall be the research Guides/Supervisors for Ph.D. and one of them should be from reserved category and one may be a woman member. It is responsibility of the member from the reserved category to observe and ensure the execution of the reservation policy of Government of Maharashtra at the time of admission process.

- 6.3 The Quorum for DRC/CRC meeting will be three.
- 6.4 The tenure of the DRC/CRC will be decided by university guidelines.
- 6.5 The approval to the formation of the DRC/CRC shall be obtained from the Pro Vice-Chancellor.

**7. R. Ph.D. Research Allocation Committee work and Registration Procedure after the Interview/interaction and submission of the Research Proposal:**

- 7.1 The RAC (DRC/CRC) shall prepare and submit a report based on the interview/interaction and allotment of research supervisor to each eligible candidate to the Ph.D. section for further process. The chairman of RAC shall send the report within a period not more than 20 days, from the date of presentation/interaction.
- 7.2 The concerned section of the university should then place the same before the Research and Recognition Committee (RRC) for final approval.
- 7.3 The admission/registration will be confirmed after the RRC approves the title and research proposal. The University shall convey the confirmation of admission to all concerned and the candidate shall remit the necessary fees within a period of one month of the receipt of the letter.
- 7.4 After final registration, the title of the topic and the details of the student, the name and address of the Research Guide/Research Supervisor and the institution will be displayed on the University website.
- 7.5 The registered Ph.D. candidate shall not be allowed to register simultaneously for any other degree course/ programme in regular mode.
- 7.6 A candidate shortlisted for the admission to the Ph.D. programme should submit the following documents in stipulated time:
- i. A self-attested copy of the statement of marks/degree/passing certificate (Post Graduation degree, M.Phil./NET/SET/SLET/GATE etc.).
  - ii. Migration and Transfer Certificate (whichever is necessary).
  - iii. The registration form duly filled in and signed along with registration fee as prescribed by the university.



- iv. Authenticated copy of professional experience along with copies of the published research work in the proposed area, wherever necessary.
- v. Sponsorship letter from the Institution or Company, wherever necessary.
- vi. No objection certificate from the employer, if the candidate is employed.
- vii. The eligibility form along with requisite documents and fee shall be submitted to the concerned university section. The registration of Ph.D. candidate shall not be confirmed unless the final eligibility certificate is issued by the University.
- viii. Domicile certificate, wherever required.
- ix. Six copies of Ph.D. research proposal as per proforma given in Annexure II enduring all suggestions and guidance given by RAC during interaction within fifteen days of RAC meeting.

**8. R. Ph.D. Research Advisory Committee (RAC) and its Functions:**

**8.1** There shall be a Research Advisory Committee (RAC) for each Ph.D. scholar. The RAC shall consists of –

- i. Chairperson - Head of the Department
- ii. Members - Two experts nominated by the Pro Vice Chancellor in consultation with the Dean of the concerned Faculty (The two experts necessarily shall be the research Guides/Supervisors).
- iii. Member - Guide/Supervisor of the research student

Where University Department does not exist, the RAC will be constituted by the Pro Vice-Chancellor consisting of Chairperson, Research Guide/Research Supervisor and two experts.

**8.2** The RAC shall have the following responsibilities, namely:

- i. To review the research proposal and finalize the topic of research;
- ii. To guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do;
- iii. To periodically review and assist the research scholar in the progress of the research work.

**8.3** A research scholar shall appear before the RAC once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. The research scholar shall also submit a six-monthly progress report to the university which shall be signed by the RAC Member(s)/Expert. The guidelines or six-monthly presentation and format for six monthly progress report are provided in Annexure VI (a) and VI (b) respectively.

**8.4** In case, the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend the University with specific reasons for cancellation of the registration of the research scholar.

**9. R. Ph.D. Change in Title:**

**9.1** If the candidate desires to modify the title and/or the proposed plan of the research, he/she shall submit his application duly recommended by the Research Guide/ Supervisor, through the concerned Head of the Department of University/Head of research centre to the RRC.

**9.2** The RRC concerned may approve such changes on the recommendation of the research guide and centre head.

**10. R. Ph.D. Research Supervisor/Guide:**

**10.1** The allocation of Research Supervisor for a selected research scholar shall be decided by the DRC/CRC, depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview. A candidate will work under the said recognized research Guide/Supervisor of the University allotted by



DRC/CRC if he/she is not relative (such as husband/wife/daughter/son/first brother/ first sister) of the Guide/Supervisor/Co-Guide/Co-Supervisor.

- 10.2** If the RAC believes that the proposed study or research work is of interdisciplinary nature or the research work needs to be supplemented with the expertise from outside, it may appoint a Co-Guide from outside the Department/Faculty/college/university/ institution, who has proven the expertise in the required field. Such Co-Guide/Co-Supervisor shall be allotted to the student with due consent of the Research Guide/ supervisor.
- 10.3** A Research Guide/Supervisor/Co-supervisor, who is a Professor, at any given point of time, shall guide up to maximum eight Ph.D. scholars. An Associate Professor, as Research Supervisor shall guide up to a maximum six Ph.D. scholars and an Assistant Professor, as Research Supervisor shall guide up to a maximum four Ph.D. scholars. The RRC shall decide the number of students to be allotted to Scientists of National Institutes applying for guideship of PAHSUS.
- 10.4** The allotment/allocation of new research student shall not be done to Research Guide completing/completed 60 years of age or as per existing guidelines of the University/UGC.
- 10.5** A seat will be considered vacant for admission purpose after submission of final Thesis by the research scholar.
- 10.6 New Research Guide/Research Supervisor/ Co-Guide/Co-Supervisor:**
- In case of demise or ineligibility of the Guide/Supervisor on any ground, the Ph.D. section on recommendation of the RAC will allocate new Research Guide/ Supervisor to the affected candidate. This may be placed before the next meeting of RRC for information.
  - If 50% or more work has been completed by the candidate under the deceased/previous Research Guide/Research Supervisor, the name of the deceased Guide/Supervisor be printed on the thesis along with the name of new Guide/Supervisor.
  - Based on the academic interest, RAC can allot a co-guide/co-supervisor to the student in consultation with the guide.
  - Co-guide/co-supervisor may not be necessarily a recognized guide of the Punyashlok Ahilyadevi Holkar Solapur University, Solapur or any other University.
  - The requisite academic criterion required to recognize a person as a guide shall not be made applicable to co-guide/co-supervisor.
- 10.7 Transfer of Research Guide/ Research Supervisor:**
- In case of Research Guide/Supervisor gets transferred or leave the institution/research centre where the research scholar is registered and if the research scholar has worked for minimum 3 semesters under this Research Guide/ Supervisor who has been transferred/ left the institute, the research scholar shall continue to work under the same Research Guide/Research Supervisor till the completion of Ph.D. programme.
  - A research scholar who has worked for less than 3 semesters with a Research Guide/ Supervisor who has been transferred/ left the institute, will be transferred to a new Research Guide/Research Supervisor on the recommendation of the RAC at respective institution/research centre. If the new research guide is not available for such research scholar, then the research scholar shall continue his/her research work under the same guide till the new guide is allotted or till completion of the research work, whichever is earlier.
- 10.8 Change of the Research Guide/ Research Supervisor:**
- A research scholar shall submit his/her application for change of research guide /supervisor through the existing Research Guide with his/her 'No Objection Certificate' and forwarded through the Director/Head of the Department/ Principal of the research centre/institution to Ph.D. Section. If the research guide and/or the Director/Head of the Department/ Principal deny forwarding the said



application, the research scholar may submit his/her application directly to the Ph.D. section of Punyashlok Ahilyadevi Holkar Solapur University.

The RAC/RRC, on hearing the Research Guide/supervisor shall take decision on such application. In case of dispute, the Hon. Vice-Chancellor's decision will be final.

- 10.9 In case of relocation of a woman research scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate provided all other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/supervisor from any funding agency. The research scholar will however give due credit to the parent guide and the institution for the part of research already done.
- 10.10 The woman research scholar however needs to obtain the NOC from the new university authorities (through application) for relocation of her research place before shifting. The concerned RRC has to evaluate the request on case to case basis and give the permission of transfer.
- 10.11 A woman candidate who is only relocated within the jurisdiction of PAHSU due to marriage or other considerable reason, must obtain the NOC from PAHSU authorities (through proper channel) to continue her research work under a suitable guide of PAHSU. The request application with all relevant documents will be placed before the RRC, where RRC will evaluate the quantum and degree of research work done prior to shifting, the consent of the previous supervisor, NOC of the previous university and availability of a suitable guide, research centre, etc. at PAHSU and then allocate the new research supervisor/co-supervisor as per the situation or refuse to allocate.

**10.12 Redressal of Grievance:**

10.12.1 In case of any dispute that may arise between a Research Scholar and his/her Research Guide/Supervisor, the Board of Deans shall examine the matter and report to the Pro-Vice Chancellor of the Punyashlok Ahilyadevi Holkar Solapur University, Solapur whose decision shall be final.

10.12.2 The report shall include, among other things, specific recommendations. The report shall be submitted to the Pro-Vice Chancellor of Punyashlok Ahilyadevi Holkar Solapur University, Solapur.

**11. R. Ph.D. Course Work:**

Credit Requirements, number of papers, duration, syllabus, minimum standards for completion, etc. for Ph.D. programme shall be as under:

- 11.1 The course work for the Ph.D. Program shall be of 20 credits as following :

- Course/Paper – 1 - **Research methodology** - 4 credits  
(Total Marks = 80 UA + 20 CA, Total hrs=48)
- Course/Paper – 2 **A - Information and Computer Technology** - 2 credits  
(Total Marks = 40 UA + 10 CA, Total hrs=24)
- Course/Paper – 2 **B - Research and Publication Ethics** - 2 credits  
(Total Marks = 40 UA + 10 CA, Total hrs=24)
- Course/Paper – 3 - **Advanced Knowledge in Core domain of concerned subjects** - 6 credits  
(Total Marks = 100 UA + 50 CA, Total hrs=60)
- Course/Paper – 4 - **Foundation and Philosophy of research** - 6 credits  
(Total Marks = 100 UA + 50 CA, Total hrs=60)

The examination for the course work will be at specific Centre assigned by the university. The examination for the course work will be conducted once/twice in a year as required and decided by authorities. Separate passing for each paper is mandatory.



- 11.2 The course work shall be treated as prerequisite for Ph.D. programme. All the recognized research centres must conduct classes and practicals for course work as per the syllabus and workload. (as above)
- 11.3 The University Department/recognized research centre of affiliated college or recognized institution/recognized research institution where the scholar pursues his/her research shall organise the course(s) to be completed based on the course work syllabus of the university.
- 11.4 All candidates admitted to the Ph.D. programme shall be required to complete and pass the course work, as approved by the Academic Council of Punyashlok Ahilyadevi Holkar Solapur University, Solapur before submission of Final Thesis.
- 11.5 Candidates already holding M. Phil. Degree and passed all the papers of Ph.D. Course work as per guidelines of 2009 and 2016 of UGC and admitted to the Ph.D. programme, or those who have already completed the course work during M.Phil. Programme and have been permitted to proceed to the Ph.D. in integrated course, shall be exempted from the Ph.D. course work. All other candidates admitted to the Ph.D. programme shall be required to complete and pass the Ph.D. course work approved by the Academic Council of the Punyashlok Ahilyadevi Holkar Solapur University, Solapur before final thesis submission.
- 11.6 Ph.D. scholar must obtain a minimum of 55% of marks or its equivalent grade in the CGPA in a point scale (wherever grading system is followed) in the course work to be eligible to continue in the programme and submit the thesis.
- 11.7 The syllabus and other details of course work shall be made available on university website.
- 11.8 The medium of the course work shall be English except the papers in languages.
- 11.9 The student should write the answers in English except language subjects.
- 12. R. Ph.D. Evaluation and Assessment Methods, Minimum Standards/Credits for award of the degree, etc.:**
- 12.1 Upon satisfactory completion of course work and obtaining the marks/grade prescribed under these rules, the Ph.D. research scholar shall be required to undertake research work and produce a draft of thesis within a reasonable time, as per UGC guidelines and stipulated by Punyashlok Ahilyadevi Holkar Solapur University.
- 12.2 Prior to the submission of the thesis, the research scholar shall submit the spirally bound research report to Ph.D. section and make a presentation of his/her work before the RAC which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated in to the draft thesis in consultation with Research Advisory Committee. The draft thesis must be checked for plagiarism from the University knowledge resource centre and a certificate of plagiarism report must be submitted along with the thesis.
- 12.3 Ph.D. scholars shall publish at least two research papers in refereed journal (approved list of UGC) and make one paper presentation in a conference/seminar before the submission of the thesis for adjudication, and produce evidence for the same in the form of certificates and/or reprints/acceptance letter from the publisher/editor.
- 12.4 The RRC in the subject concerned shall suggest the names of six to nine examiners/referees to the Hon. Vice Chancellor, out of which three shall be from the Maharashtra State (outside the jurisdiction of Punyashlok Ahilyadevi Holkar Solapur University) and three shall be from India outside the Maharashtra State, and three from outside India. Guide/ Supervisor may suggest these names to RRC. However, the panel of examiners will be finalized by the RRC. The Guide/Supervisor shall be the internal referee.
- 12.5 The Ph.D. thesis submitted by a research scholar shall be evaluated by his Research Supervisor and two external examiners, who are not in employee of Punyashlok Ahilyadevi Holkar Solapur University, Solapur or recognized research centre at affiliated college or recognized institution/ recognized research institution, of whom one examiner may be from Maharashtra and one examiner is from



outside Maharashtra. In case of Faculties of Humanities, Commerce & Management, and Interdisciplinary studies, whether to send the thesis for evaluation out of the country is based on the recommendations of RRC. The Viva – Voce examination may be arranged based on the first two external evaluation reports on the thesis.

The viva-voce examination, based among other things, on the critiques given in the evaluation report, shall be conducted by the Research Supervisor and at least one of the two external examiners shall be present physically or online. The viva-voce should be open to the members of the RAC, all faculty members of the university department, other research scholars and other interested experts/researchers.

- 12.6** The external referees shall communicate their willingness or otherwise to evaluate the Ph.D. thesis within one month of the receipt of University letter. The internal and external referees shall submit their evaluation reports within two/three months of the receipt of the thesis in a prescribed proforma along with a detailed report.
- 12.7** While submitting for evaluation, the thesis shall have an undertaking from by the research scholar and a certificate from the Research guide/Supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the Punyashlok Ahilyadevi Holkar Solapur University where the work was carried out or any other university/institution (Annexure-IV & V). It is mandatory for the research scholar to obtain and submit the report on plagiarism from Knowledge Resource Centre of Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
- 12.8** The Viva-Voce/Open Defence of the research scholar to defend the thesis shall be conducted only if the evaluation report(s) of the external examiner(s) on the thesis are satisfactory and include a specific recommendation for conduct of the viva-voce examination. If the evaluation report of an external examiner is unsatisfactory and does not recommend viva-voce, then Punyashlok Ahilyadevi Holkar Solapur University shall send the thesis to another external examiner out of the approved panel of examiners. In such cases, the viva-voce examination shall be held only if the report of the later examiner is satisfactory. If the report of the later examiner is also unsatisfactory, the thesis shall be rejected, and the research scholar shall be declared ineligible for the award of the degree. The thesis rejected by both the external referees will not be considered for resubmission.
- 12.9** If revision of the thesis is suggested by one of the external referees, the thesis shall be revised by the candidate for resubmission as suggested by the referee. The revised thesis shall be sent to the same referee (who has suggested the revision) for evaluation.
- 12.10** If revision of the thesis is suggested by both the external referees, the thesis is considered for resubmission provided that the following conditions are fulfilled.
- i. Half the tuition fee is to be paid by the candidate for resubmitting the thesis after revision along with examination fee.
  - ii. Laboratory and examination fees are to be paid fully by the candidate for conducting research in the University Departments/Research centre, if required.
  - iii. The revised thesis will have to be submitted by the candidate within the maximum period of two years.
  - iv. The revised thesis shall be sent to the same referees for evaluation along with both the previous reports. If any situational change develops, then the university authorities will take necessary decision to address the issue.
- 12.11** The Punyashlok Ahilyadevi Holkar Solapur University shall develop appropriate method/ procedure to complete the entire process of evaluation of Ph. D. thesis within a period of six months from the date of submission of the Thesis to university.

The schedule for evaluation of Ph.D. thesis and viva-voce from the date of submission of spiral copy is as follows:





- i) Spiral thesis meeting – 4 weeks
- ii) Spiral thesis revision and submission of final thesis – 4 weeks
- iii) RRC meeting – As per University academic calendar
- iv) Communication to external examiners through email/phone, obtaining acceptance through email and sending the thesis – 2 weeks
- v) Receiving thesis evaluation reports from referee – 12 weeks
- vi) Conduct of viva-voce and declaration of result

### 13. R. Ph.D. 13 Size, Style & Binding of Thesis:

**13.1** A candidate submitting Ph.D. Thesis for the award of Ph.D. Degree is required to follow the rules regarding the font, style and binding of thesis, except in special case in which the Guide/Supervisor or Head of the Department recommends that it will not be possible to comply with the requirements of these rules by giving reasons and with the approval of RAC.

**13.2** The Thesis shall be written with following Specifications:

- i. For Thesis writing, "Times New Roman" font size 12 shall be used. Size of the paper shall be A-4 size, except for drawings, graphs, photographs and maps on which no restriction is placed. A margin of 3.5 cms be maintained with a line spacing of 1.5. A thesis shall be bound in a standardized form and shall be printed on both sides. The thesis for all scripts other than English shall be printed using Unicode fonts (ISM).
- ii. The title, degree, year, subject, faculty, name of the student and the Guide/Supervisor research centre and month and year of submission shall be printed neatly and legibly on the front cover as indicated in Annexure-III
- iii. A thesis which consists of a collection of pamphlets or excerpts/published papers or a single pamphlet must be bound in a similar manner as said above.
- iv. The candidate shall submit five bound copies of Thesis along with twenty copies of the Abstract and six CDs containing soft copy in pdf format. A candidate may be permitted to submit the abstract and final thesis separately.
- v. The Ph.D. thesis shall contain:
  - a. Results of the research stating whether the work is based on the discovery of new facts by the candidate or of new relations of facts observed by others and how the work contributes to the general advancement of knowledge.
  - b. The candidate shall indicate the sources from which his/her information has been derived and the extent to which his/her work is based on the work of others and shall indicate which portion or portions of his/her thesis he/she claims to be original.
  - c. The candidate's Declaration.
  - d. The Guide/Supervisor's Certificate.
  - e. The language of Ph.D. thesis shall be English except for the theses in modern European and Indian languages.
  - f. A candidate submitting his/her thesis in the subject relating to Social sciences, Education, Physical education, Arts & Fine arts may write his/her thesis in Marathi provided the same is recommended by the Guide/Supervisor submitted through Director/Head of Department and is approved by the RRC. However, a candidate must submit a synopsis copy of the thesis in English.



- g. The language used in the thesis should be grammatically correct and of appropriate standard with no typographical mistakes.

**14. R. Ph.D. Submission:**

- 14.1** The candidate will not be allowed to submit his/her Thesis unless he/she works for two terms per year (six terms)/three years for Ph.D. programme.
- 14.2** A candidate may submit four copies of draft thesis (spiral bound) after the completion of minimum prescribed period mentioned above and the passing certificate of course work to the HOD / Director / Principal for scrutiny by RAC.
- 14.3** Prior to the final submission of the thesis, the research scholar shall make a presentation before the Research Advisory Committee (Scrutiny Committee) of the Punyashlok Ahilyadevi Holkar Solapur University, which shall also be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft thesis in consultation with the Research Advisory Committee.
- 14.4** Then the final thesis shall be submitted to the university office through HOD/ Director/Principal and Chairman of RAC.

**15. R. Ph.D. Open Defence (O.D.):**

There shall be a viva-voce with open defence. The open defence shall be conducted only after receiving the positive reports from all the referees (first two external reports in case of Science and Technology, where thesis is sent to abroad). One of the external referees nominated by the Pro Vice-Chancellor and the internal referee shall conduct the open defence of the candidate within one month. The Director/Head of the Department or the Dean of the concerned faculty or the senior teacher in the subject concerned nominated by the Pro Vice-Chancellor shall act as Chairperson for the open defence. The other external referees may send questions in writing to the referees attending the viva-voce to seek clarification on any point in the thesis. The queries raised by the external referees in their reports be placed before the open defence committee. The open defence of the candidate shall be conducted as follows.

- 15.1** After the receipt of positive reports from external referees, the date and time for open defence shall be arranged in consultation with one external referee by the Chairperson, who is to conduct the open defence along with the internal referee (Research Guide/Research Supervisor).
- 15.2** The Chairperson, external referee and the Guide/Supervisor shall prepare a joint report of the open defence and forward it to the concerned section of Punyashlok Ahilyadevi Holkar Solapur University. They shall recommend either the award of the degree to the candidate or a fresh open defence within six months if the performance of the candidate is unsatisfactory.
- 15.3** If both the external referees communicate unwillingness to conduct the open defence, Hon. Vice-Chancellor will nominate the next referee from the list provided by the Research and Recognition Committee or any suitable Professor.
- 15.4** In case the official Ph.D. supervisor/Co-supervisor remain absent during viva voce/open defence, the Vice-Chancellor/ Pro Vice-Chancellor can accept the report after viva voce without the signature of the said supervisor.

**16. R. Ph.D. Declaration of Result:**

- 16.1** The Viva-Voce/Open Defence will be held only after fulfilment of all the essential requirements.
- 16.2** The date of Viva-Voce/Open Defence would be the date of declaration of result. The provisional declaration certificate should be given to the student on same day after Viva-Voce/Open Defence as far as possible.
- 16.3** On the final approval of the Hon. Vice-Chancellor, the Director Board of Examinations and Evaluation shall declare the result after completing all formalities.



- 16.4 Along-with the declaration of result, the concerned section shall certify to the effect that the degree has been awarded in accordance with the provisions of the UGC rules and regulations as published in the Gazette of India dated 5<sup>th</sup> May, 2016.

**17. R. Ph.D. Cancellation of Ph.D. Registration:**

- 17.1 A student can cancel his/her registration by applying through his/her Guide/ Supervisor and after paying the outstanding fees.
- 17.2 The university shall cancel the admission of a candidate if he/she fails to fulfil the necessary conditions/requirements prescribed by rules or the conditions mentioned in the allotment letter/provisional admission letter.
- 17.3 If the research supervisor gives in writing about the research student's inability and non-continuity of the research work as per proposed plan, the Ph.D. registration can be cancelled after explanation from the concerned student and approval of the RRC.

**18. R. Ph.D. through Distance Mode/Part Time:**

- 18.1 Punyashlok Ahilyadevi Holkar Solapur University, Solapur does not offer Ph.D. programme through distance education mode.
- 18.2 Part-time Ph. D. will be allowed, provided all the conditions mentioned in these rules and the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./ Ph.D. Degrees) Regulations, 2016 are complied with.

**19. R. Ph.D. Award of Ph.D. Degrees Prior to Notification of UGC Regulations 2016, or Degrees Awarded by Foreign Universities:**

- 19.1 Award of degrees to candidates registered for the Ph.D. programme on or after July 11, 2009 till the date of Notification of the UGC Regulations 2016 shall be governed by the provisions of the UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.
- 19.2 If the Ph.D. degree is awarded by a Foreign University, the Punyashlok Ahilyadevi Holkar Solapur University, Solapur shall refer the issue to a Standing Committee constituted for determining the equivalence of the degree awarded by the foreign University.

**20. R. Ph.D. Depository with INFLIBNET:**

Following successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, Punyashlok Ahilyadevi Holkar Solapur University, Solapur shall send the CD of Ph.D. thesis to Knowledge Resource Centre of Punyashlok Ahilyadevi Holkar Solapur University, which will be submitted to the INFLIBNET for hosting the same so as to make it accessible to all institutions/colleges/students.

**21. Rules for Research Supervisor / Guide:**

A Ph.D. guide or supervisor is an experienced person and a teacher who helps the research student to achieve a Ph.D. degree and guides him/her during the entire tenure / journey of Ph.D. degree award. Albeit, to become a Ph.D. guide or supervisor is even a tougher job than to do a Ph.D., because the supervisor/ guide is a person whose experience makes your Ph.D. easier.

A Ph.D. guide or supervisor should have enough experience, knowledge, information and valid standard publications in the respective core/ allied subjects to guide / teach and train someone. Therefore, universities framed several criteria to approve guideship to an applicant.

**22. Eligibility criteria to be a Research Supervisor, Co- Supervisor and continuation of supervisorship:**

The appropriately qualified and eligible candidates must apply in the prescribed form of PAHS University through the head of the institution with all relevant documents and fees (as applicable) for recognition of Research Supervisorship.



Any regular Professor/Associate Professor / Assistant Professor/ Scientist of the University/Institution of National level/ Other officer equivalent to teacher's category of Affiliated College having Ph.D. degree from a recognized Higher Education Institution/ University/ Research Unit with at least Three research publications in standard, refereed journals/book chapters as approved by the UGC after award of Ph.D. degree may be recognized as Research Supervisor. Provided that, in areas/disciplines where there is no or only a limited number of refereed journals, PAHSU may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing. The applicant should possess the Ph.D. degree in the relevant area of research in which he/she has carried out the research and the supervisorship will be awarded in the same faculty in which his/her Ph.D. degree is awarded.

An applicant for Research Supervisorship must have at least 03 years of post-graduation teaching experience or 05 years of undergraduate teaching experience in the University or a reputed college. A scientist should have 05 years of regular services in the National Institute within the jurisdiction of PAH Solapur University. **A research supervisor is normally eligible to guide in his / her basic subject /allied subject after 02 years of award of Ph.D. degree to him/her from any recognised university.** Adjunct faculty, CHB, temporary teachers/scientists are not permitted to be research Supervisors. If a Research Supervisor resigns and joins another college / institute within the jurisdiction of PAHSU, then he / she must produce the documents again to confirm that the present job is also a permanent position. As a special case, he / she may be permitted to guide in the relevant/ allied subject in which he /she has at least two publications in journals enlisted in the UGC website (or) authored a book in the concerned allied subject.

Maximum number of Ph.D. candidates to be assigned under a Research Supervisor as per UGC guidelines will be -

**Professor = 8; Associate Professor = 6; Assistant Professor = 4; Scientist = as per decision of RRC**

The Supervisor shall be required to give a declaration to this effect at the time of new Ph.D. candidate's registration. He/she cannot increase the number by using recognition from multiple universities/institutions.

A recognized Research Supervisor automatically qualifies to guide M.Phil. candidates.

Any recognized research Supervisor could also serve as a Co-supervisor in his/her subject/ allied subjects within PAHS University.

However, Co-Supervisors from within the same department or other departments of the same institution or sister institutions may be permitted with the approval of the Research Advisory Committee. In specific cases of a formal institutional collaboration based on an MoU, PAHSU may approve faculty supervisors for Ph.D. candidates in the collaborating institutions. In case, no Co-supervisor is available in the registered research centre, the Co-supervisor may be chosen from other Colleges / Institutions within the University jurisdiction.

The recognized Supervisors of this University shall not obtain supervisorship status from any other University. However, the recognized Supervisors can function as Joint-Supervisor for scholars working in association with other reputed Universities which have MoU with PAHS University.

For interdisciplinary research that requires more than one expert, the Joint Supervisor from other Departments/Institutions shall be approved by the Research Committee based on the request of the Supervisor and the recommendation of the head of the research centre.

Recognized teachers after superannuation, may continue as co-guides for research students with the consent of the concerned authorities. Retired Professors holding an official position (such as Professor Emeritus / Distinguished Professor / Scientist Emeritus) may continue as Supervisors till they continue in the official position. Later they may act as Co-Supervisors with the concurrence of the Research Committee and the new Research Supervisor.

If the research Supervisor migrates to any institute beyond PAHS University jurisdiction after the completion of course-work / minimum registration period / synopsis of the research candidates, the Supervisor is permitted to continue the Ph.D. candidates with a Co-supervisor from the same or other Research Centre.

If the research Supervisor is transferred / migrates to any institution beyond PAHS University's jurisdiction, before the completion of course-work / minimum registration period / synopsis, the Supervisor should surrender the researchers to the research centre and the Ph.D. candidates must opt for a change of Supervisor. On request from a registered Ph.D. candidate, the University may



permit the change of Research Supervisor only in deserving cases, subject to consent from the present and the proposed Research Supervisors.

The Research Supervisor should stop registering candidates for Ph.D. Degree two years before his/her retirement, which will be normally 60 years and 62 years for Principals. However, they can register new candidates with a Co-supervisor, till their retirement. The same is also applicable to the Teachers of University or Colleges who continue as Emeritus / UGC-BSR Fellow.

After the retirement of a Supervisor, who will nominate a Co-supervisor for the existing research candidates, provided these candidates have successfully completed their course-work / minimum period of research. Research Supervisor or Co-supervisor cannot act as a Guide for the blood related candidates.

The guide who has retired will be invited for the Doctoral Committee meetings, synopsis meeting and the viva voce examination.

### **23. Cessation of the Research Supervisorship:**

Communication in any form with the Thesis examiners by the Supervisor/Joint Supervisor/Scholar after the submission of Synopsis/Thesis by the scholar in connection with the evaluation report shall lead to the withdrawal of the supervisorship for a period of five years and he/ she shall be debarred from guiding the existing scholars in the University till such period.

Any violation of Ph.D. regulations and involvement in any unethical activities by the Supervisor/Co-supervisor (if sufficiently proved) shall lead to the withdrawal of the supervisorship either permanently or for a maximum period of five years and they shall be debarred from guiding the existing scholars in the University till such period.

The University has the right to accept or reject the applications of individuals for recognition as a Research Supervisor.

### **24. Responsibilities of the Research Supervisor:**

1. The research supervisor must value the inquisitiveness of the research student and answer/solve the queries with scientific approach and justification.
2. Research supervisor should ensure smooth conduct and proceeding of the research parameters as planned and hypothesized to logically reach to the conclusion(s).
3. It is the primary responsibility of the Research supervisor to verify the research students' progress in the proposed/ set activities, submissions, presentations, participations, publications and payments of fees, etc.
4. The research supervisor should meticulously check the research report adhering to standard formats and practices of the university and ensure quality in the research work outcome.
5. The time schedule given for completion of the proposed research work at the time of RRC presentation, must be stringently followed to enable the student for award of the Ph.D. degree in time.



## ANNEXURE-I

### Preference Document

*(To be submitted by the candidate at the time of interview before DRC / CRC)*

1. Name of the Candidate:
2. Faculty & Subject:
3. Merit List Number:
4. Topic of interest in the order of preference with area of broad specialization
  - i.
  - ii.
  - iii.
  - iv.
5. Name(s) of the Guide(s) (in order of preference) along with the area of broad specialization with whom the candidate is interested to undertake Research work, if selected.
  - i.
  - ii.
  - iii.
  - iv.

(The DRC/CRC reserves the right to allot a Guide, other than the Guides' preference submitted by the candidate.)

I understand that the 'Preference Document' provided by me is indicative and is submitted to provide information and my research interest.

**Date:**

**Signature of Candidate**

(**Note:** Please bring this completed form along with original and photocopy of all essential documents related to educational qualifications and other requirements, failing which your interview will not be conducted.)



## ANNEXURE - II

### General Guidelines for Preparation of Ph.D. research proposal and time plan

***Candidates shall note the given points and follow these while preparing the research/project proposal for Ph.D.***

- A. The proposed proposal for research shall be self contained and shall cover the rationale and motivation for carrying out research
- B. The research theme/topic shall be innovative and shall not replicate research work already done
- C. The plan proposal must be in printed form (including figures)
- D. The pages of the proposed research proposal shall contain the following:
  1. Title of the Research Work
  2. Choice of the topic with motivation and significance
  3. Statement of the problem/Hypotheses of research
  4. Review of the relevant literature (*Please include references of journals and avoid references of text books*)
  5. Objectives of the study
  6. Sub objectives and Scope of the research
  7. The methodology comprising:
    - a. Materials and Methods of Research
    - b. Sampling design and assumptions
    - c. Conceptual framework if any
    - d. Research design (details of how research will be conducted, and the tools used for the same)
    - e. Methods of data collection
  8. Benefits of the research to national and international scenario
  9. Time schedule/time frame for research
  10. Chapter scheme: (Objectives must be reflected in the scheme)
  11. Select Bibliography/Webliography



**ANNEXURE - III**

*Format of the cover page of the Thesis*

**Title in Block letters**

(No inverted coma and full stop)

**A Thesis Submitted to**

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**

(No emblem of university is allowed on thesis)

**For the award of the Degree of Doctor of Philosophy**

**in**

(Subject)

**Under the Faculty of (Faculty name)**

**By**

(Name of the Research Scholar)

**Under the Guidance of**

(Name of the Guide / Supervisor with name of his / her Department /College / Institution)

(Name of the Co-Guide /Co-Supervisor with name of his /  
Her Department /College / Institution): (If any)

Name of Research Centre

**(Month and Year)**





**ANNEXURE – IV**

**Declaration by the Research Scholar**

I hereby declare that the Ph.D. thesis entitled

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completed and written by me has not previously formed the basis for the award of any Degree or Diploma or other similar title of this or any other University or examining body. Further, I have not violated any of the provisions under the acts of Copyright / Piracy / Cyber / IPR etc. amended from time to time. The content of the report has been duly verified and certified of plagiarism rules.

**Place:**

**Signature of Research Scholar**

**Date:**

**Name :**

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**ANNEXURE – V**

**Research Guide's / Supervisor's Certificate**

This is to certify that the thesis entitled

.....  
.....

..... and being submitted herewith for the award of Degree of Doctor of Philosophy in (Subject) ..... Under the faculty of ..... of Punyashlok Ahilyadevi Holkar Solapur University, Solapur is the result of the original research work completed by Shri/Smt.....

..... under my/our supervision and guidance. To the best of my/our knowledge and belief, the work embodied in this Thesis has not formed earlier the basis for the award of any Degree or similar title of PAHSU or any other University /examining body.

**Place:**

**Date:**

**Co-Guide/Co-Supervisor (if any)**  
**(Signature with Name & Designation)**

**Research Guide/Supervisor**  
**(Signature with Name & Designation)**

**Seal of the Research Centre**

**Forwarded by the Head of Research Centre**



## ANNEXURE – VI (a)

### **Ph.D. SIX MONTHLY PROGRESSES PRESENTATION GUIDELINES**

Every Ph.D. student must appear before RAC in January and July every year and shall make a presentation about progress of his/her research work as per the below points:

1. Original objectives, sub objectives and scope of the research
2. Original plan / time frame of the research
3. Goals set for the semester
4. Goals achieved during the semester
5. Details of the work completed in the semester
6. Results obtained (if any) in this semester
7. Significant contribution made in the semester
8. Reviews and reference done related to the broad domain and specific contents
9. Goals/plan set for the next semester



**ANNEXURE – VI (b)**

**Ph.D. SIX MONTHLY PROGRESSES REPORT No. \_\_\_\_\_**

Period of the six monthly progress report from \_\_\_\_\_ To \_\_\_\_\_

Name of Faculty \_\_\_\_\_ Subject \_\_\_\_\_ University registration No. \_\_\_\_\_

1. Name of the Research Scholar: Shri./Smt. \_\_\_\_\_
2. Date of registration: \_\_\_\_\_ Status of Eligibility----- Applied/Eligible
3. Name of the research guide: Dr. \_\_\_\_\_
4. Name of research Centre: \_\_\_\_\_
5. Whether the candidate: Regular Student/JRF/SRF/DRF-UGC Teacher Fellow/ Teacher/ Employed person \_\_\_\_\_
6. Whether the Student appeared/Passed /Exempted from the Pre-Ph.D Course work Examination \_\_\_\_\_
7. Title of the Ph.D. work: \_\_\_\_\_
8. Details of the work done: *(This shall include original objectives, sub objectives, review of literature done, original plan / time frame of the research, goals set for the semester, goals achieved for the semester, significant contribution made in this semester, goals / plan set for the next semester (Attach separate sheet with these headings and answers)*
9. Attendance/participation in conf/sem/workshop, etc.:
10. Research article(s) published/communicated – Give details

Signature of the Research Scholar

To

Date:

The Dean, Faculty of.....

Punyashlok Ahilyadevi Holkar Solapur University

*The work of the student is Excellent/Very good/Good/Satisfactory / Not satisfactory for the above mentioned period. I recommend that, the admission of this Ph.D. student may be continued /cancelled.*

Signature of the Guide/Supervisor

Director/Head of the research centre or Principal

Signature of the Co-Guide/Co-Supervisor

Signature of the Expert Member

Place:

Date:

*[The Ph.D. research scholar shall submit the progress report in the month of January and July every year to the concerned research centre/Department/University School and the concerned research centre/Department/University school should forward the same immediately (within five days after received) to the university office. In case of Non receipt of six monthly Progress Report within stipulated time, a fine of Rs.1000/- will be charged per term/per progress report.]*



**ANNEXURE – VII**

**Table No. 01**

**Naming conventions used for each PDF file for Shodhganga CD / DVD Submission**

01_Title.pdf	Title Page
02_Certificate.pdf	Certificate
03_Abstract.pdf	Abstract
04_Declaration.pdf	Declaration
05_Aknowledgement.pdf	Aknowledgement
06_Contents.pdf	Contents / Index Page
07_List_of_Tables.pdf	List of Tables
08_List_of_figures.pdf	List of Figures
09_Abbreviations.pdf	Abbreviations
10_Chapter1.pdf	First Chapter
11_Chapter2.pdf	Second Chapter
12_Chapter3.pdf	Third Chapter
13_Chapter4.pdf	Fourth Chapter
14_Chapter5.pdf	Fifth Chapter
15_Conclusion	Conclusion
16_Summary	Summary
17_Bibliography	Bibliography

