



SOLAPUR UNIVERSITY, SOLAPUR

CIRCULAR NO.02 EXAM OF 2016

DRAFT PROGRAM OF THE M.PHIL. COURSE WORK DEGREE COURSE EXAMINATION TO BE HELD IN JAN-2016

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each Answer Book. If candidate writes wrong Seat No. on Answer Book the performance of such subject will not be considered.
2. Candidates are requested to be present at their respective places of Examinations **FIFTEEN MINUTES** before the time of starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.

The Centre and Place of Examinations will be as under:

Sr.No.	Center	Place
1.	Solapur	Solapur University Campus, Solapur

The Written examination will be conducted in following Order:

TIME: 03:00 p.m. to 06:00 p.m.			
Day & Date	Sr. No.	Subject	Paper - I
Thursday 28/01/2016	1	Electronics	Research Methodology and Signals & System
	2	Education	Information Technology and Research Methodology
	3	Chemistry	Research Methodology & ICT
	4	Marathi	साहित्य संशोधन पध्दती व माहिती तंत्रज्ञान
	5	Commerce	Research Methodology & Information Technology
	6	English	Research Methodology & ICT

TIME: 03:00 p.m. to 06:00 p.m.			
Day & Date	Sr. No.	Subject	Paper – II
Saturday 30/01/2016	7	Electronics	Recent Trends in Electronics Research
	8	Education	Foundations of Education
	9	Chemistry	a) Recent Trends in Organic Chemistry b) Recent Trends in Analytical Chemistry c) Recent Trends in Physical Chemistry
	10	Marathi	साहित्य आणि आंतरविद्याशाखीय अभ्यास
	11	Commerce	Recent Trends in Commerce & Management Education
	12	English	Major Contemporary Critical Theories

TIME: 03:00 p.m. to 06:00 p.m.			
Day & Date	Sr. No.	Subject	Paper – III
Monday 01/02/2016	13	Electronics	Elective: a) Embedded System Design and RTOS b) Fundamentals of Mixed-Signal System Design c) Electronic materials Research
	14	Education	Aspects of Education
	15	Chemistry	a) Modern Topics in Organic Chemistry b) Modern Topics in Analytical Chemistry c) Modern Topics in Physical Chemistry
	16	Marathi	ऐच्छिक विषय: अ) मध्ययुगीन साहित्य : प्रेरणा, स्वरूप आणि विशेष ब) आधुनिक साहित्य प्रेरणा, स्वरूप आणि विशेष
	17	Commerce	Elective: a) Marketing Management b) Financial Management c) Human Resource Management
	18	English	Elective: a) Modern British Literature (1900-2000)

Note:

1. The students are allowed to use the calculators non programmable for Numerical Calculations at their own cost. University will not supply such calculators.
2. Cellular Phone, Pager, Programmable Scientific Calculator & Digital Diary or any means which can be used for unfair practice not allowed in the Examination Hall.
3. The Examination Program is subject to change; if there is, any change in the Program of the Examination the University is not responsible for the loss or inconvenience caused to the candidates.

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Solapur University, Solapur

Ref No.: SUS/EXAM/TIME-TABLE/JAN-2016/01

Date : 01/01/2016

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SOLAPUR UNIVERSITY, SOLAPUR

Ph.D. Course Work Exam
Exam Jan-2016

CIRCULAR NO.01 EXAM OF 2016

**REVISED DRAFT PROGRAM OF THE Ph.D. COURSE WORK DEGREE COURSE
EXAMINATION TO BE HELD IN JAN-2016**

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each Answer Book. If candidate writes, wrong Seat No. on Answer Book the performance of such subject will not be considered.
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The Centre and Place of Examinations will be as under:

Sr.No.	Center	Place
1	Solapur	Solapur University Campus, Solapur

Note -

- i) Old Syllabus Students - (Old) - The Students (Old) who have registered before July-2014 have to appear for old syllabus paper.*
- ii) New Syllabus Students - (New) - The Students (New) who have registered after July-2014 have to appear for new syllabus paper.*
- iii) Old & New Syllabus Students - where (new) / (old) is not Written after paper title, means Paper/syllabus is same for both Syllabus students.*
- iv) The students are allowed to use the calculators non programmable for Numerical Calculations at their own cost. University will not supply such calculators.*
- v) Cellular Phone, Pager, Programmable Scientific Calculator & Digital Diary or any means which can be used for unfair practice not allowed in the Examination Hall.*
- vi) The Examination Program is subject to change; if there is, any change in the Program of the Examination the University is not responsible for the loss or inconvenience caused to the candidates.*

Sr. No.	Subject	Paper - I	Paper - II	Paper - III	Paper - IV
		Thursday 28/01/2016	Saturday 30/01/2016	Monday 01/02/2016	Wednesday 03/02/2016
1	Marathi	(Time : 11:00 am to 02:00 pm)			
		Research Methodology and Information Communication Technology (ICT)	Marathi Sahityatil Nave Pravah	Marathi Sahityatil Navya Sankalpana (Old)	(Paper -III (New) and Paper –IV(Old) Common A) Madhyaugin Marathi Sahitya Ani Sanshodhan B) Adhunik Marathi Sahitya Ani Sanshodhan
2	English		Recent Trends in Critical Theories	Modern Trends in Drama Novel and Poetry	A) Indian-English Writings B) Subaltern Literature C) Linguists for ELE
3	Hindi		Hindi Sahitya – Naye Pravah (old) हिंदी साहित्य : आलोचना और विमर्श (New)	<u>Hindi Sahitya : Alochana ke Naye Ayam (old)</u>	(Paper -III (New) and Paper –IV(Old) Common Hindi Sahitya Vidha - A) Hindi Kavya B) Hindi Katha Sahitya C) Hindi Natak, Ekanki Sahitya
4	Kannada		Recent Trends in Kannada Literature	Modern Topics in Kannada	Advanced Development in Kannada Language
5	Urdu		Recent Trends in Urdu (old) Recent Trends in Urdu - Urdu ke Asari Rujhanat (New)	<u>Modern Topics in Urdu (old)</u> A) Urdu Fiction (New) B) Urdu ka Ghair Afsanavi Adab (New) C) Taraqī Pasand Urdu Shoara (New)	A) Advanced Development Urdu Jadid Shayeri B) Advanced Development Urdu Jadeed Nasar
6	Prakrit		Recent Trends in Prakrit	अ) प्राकृत साहित्य की विधाय ब) प्राकृत भाषाओं का व्याकरण एवम् आगम ग्रंथ	---
7	Physics		Recent Trends in Physics	<u>Modern Topics in Physics (old)</u>	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Physics - A) Solar Cells and Super Capacitor B) Ferroelectric and Ferrimagnetic Materials C) Solid State Gas Sensor Devices

Sr. No.	Subject	Paper - II	Paper - III	Paper - IV
		Saturday 30/01/2016	Monday 01/02/2016	Wednesday 03/02/2016
8	Electronics	Recent Trends in Electronics (Old) Recent Advances in Electronics (New)	<u>Modern Topics in Electronics (old)</u> C) Mixed-Signal PSoC based Embedded design (New)	(Paper -III (New) and Paper –IV(Old) Common A) Architecture of Wireless Sensor Network B) Embedded Technology and Instrumentation
9	Zoology	Recent Trends in Zoology	Modern Topics in Zoology (old)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Zoology
10	Geography	Recent Trends in Geography	<u>Modern Topics in Geography (Old)</u> C) Recent trends in Agricultural Geography (New) D) Recent Trends in Tourism Geography (New)	(Paper -III (New) and Paper –IV(Old) Common A) Recent Trends in Economic Geography B) Recent Trends in Population Geography (Paper –IV(old) C) Recent Trends in Physical Geography
11	Applied Geology	Recent Trends in Geology	<u>Modern Studies in Geology (old)</u>	(Paper -III (New) and Paper –IV(Old) Common A) Exploration & Management of Mineral Resource (Paper-IV(old) B) Ore Deposits of Sedimentary, Metamorphic and Magmatic Origin
12	Computer Science	Recent Trends in Computer Science (Old)	B) Data Warehousing and Mining (New) C) Artificial Intelligence (New) (Paper -II (New) / Paper –III (Old) Common Modern Topics in Computer Science (Time-03:00pm to 06:00pm)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Comp. Sci. A) Digital Image Processing (Paper-IV(old) B) Data Mining
13	Chemistry	A) Recent Trends in Physical Chemistry B) Recent Trends in Inorganic Chemistry C) Recent Trends in Organic Chemistry D) Recent Trends in Polymer Chemistry E) Recent Trends in Analytical Chemistry	A) Modern Topics in Physical Chemistry B) Modern Topics in Inorganic Chemistry C) Modern Topics in Organic Chemistry D) Modern Topics in Polymer Chemistry E) Modern Topics in Analytical Chemistry	A) Advanced Development in Physical Chemistry B) Advanced Development in Inorganic Chemistry C) Advanced Development in Organic Chemistry D) Advanced Development in Polymer Chemistry E) Advanced Development in Analytical Chemistry
14	Mathematics	Recent Trends in Mathematics	Advanced Topics in Mathematics	A) Fuzzy Relations, Fuzzy Logic, Fuzzy Measures & Support Vector Machines B) Lattice Theory
15	Statistics	Recent Trends in Statistics (Old)	C) Applied Regression Analysis (New) Paper -II (New) / Paper –III (Old) Common Modern Topics in Statistics (Time-03:00pm to 06:00pm)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Statistics - A) Industrial Statistics B) Sequential Analysis

Sr. No.	Subject	Paper - II	Paper - III	Paper - IV
		Saturday 30/01/2016	Monday 01/02/2016	Wednesday 03/02/2016
16	Microbiology	Recent Trends in Microbiology	<u>Modern Topics in Microbiology (old)</u>	(Paper -III (New) and Paper –IV(Old) Common Advanced Developments in Microbiology - A) Medical Microbiology and Immunology B) Environmental and Agricultural Microbiology C) Microbial Technology and Fermentations
17	Geoinformatics	Recent Trends in Geoinformatics	Modern Topics in Geoinformatics	B) Advanced Development in Geospatial Data Analysis
18	Environmental Science	Recent Trends in Environmental Science	Modern Topics in Environmental Science	A) Advanced Development in Environmental Pollution Monitoring & Control B) Advanced Development in Natural Resource Management (NRM)
19	Botany	Recent Trends in Botany	<u>Modern Topics in Botany (old)</u> Advanced Development in Botany : C) Plant Physiology (New)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Botany - A) Mycology and Plant Pathology B) Taxonomy of angiosperm
20	Economics	Recent Trends in International Economics (old) Advanced Thories in Economics (New)	<u>Modern Theories in Economics (Old)</u> A) Economics of Agriculture and Co-Operation (New) C) Economics of Money, Banking and Public Finance (New)	(Paper-IV) A) Economics of Agriculture (Paper -III (New) and Paper –IV(Old) Common B) Economics of Industry & Labour
21	A.I.H.C.& A.	Recent Trends in Indian Archaeology (Old) Recent Trends in Indian Culture & Archaeology (New)	<u>Modern Topics in Indian Art (Old)</u> Research in Indian Art and Architecture (New)	Advanced Development in Field Archeology
22	Library and Information Science	Recent Trends in Library and Information Science	Modern Topics in Library & Information Science	Advanced Development in Library & Information Science
23	History	Recent trends in History	<u>Modern Topics in History (Old/New)</u>	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in History
24	Political Science	Recent trends in Political Science	Modern Trends in Politics	A) Advanced Studies in Indian Politics and Indian Administration B) Advanced Studies in International Politics
25	Philosophy	Recent Trends in Philosophy	Modern Topics in Philosophy	Advanced Developments In Philosophy

Sr. No.	Subject	Paper - II	Paper - III	Paper - IV
		Saturday 30/01/2016	Monday 01/02/2016	Wednesday 03/02/2016
26	Psychology	Recent Trends in Psychology	<u>Modern Topics in Psychology (old)</u> B) Advance Development in Social and Personality Psychology (New)	(Paper -III (New) and Paper –IV(Old) Common A) Advanced development in Clinical & Counseling Psychology (Paper-IV(old) B) Advanced Development in Psychology
27	Sociology	Recent Trends in Sociological Theory	<u>Environmental Sociology (Old)</u> A) Environmental Sociology (New)	(Paper -III (New) and Paper –IV(Old) Common Sociology of Mass Communication and Information Society
28	Social Work	Recent Trends in Social Work Course Content (old) Recent Trends in Social Work (New)	<u>Modern Topics in Social Work (old)</u> Social Work and Social Development- (New)	Advanced Development in Social Work
29	Mass Communication and Journalism	Mass Communication and Society	Mass Communication in New Millennium	Media Production Techniques
30	Rural Development	Theories and Practices of Rural Development	Emerging Issues and Concepts in Rural Development	---
31	Education	Recent Trends in Education (Old) Trends in Education (New)	<u>Modern Topics in Education (old)</u> B) Inclusive Education (New) C) Teacher Education (New)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Education
32	Physical Education	Recent Trends in Physical Education and Sports	Modern Topics in Physical Education and Sports	Advanced Development in Physical Education and Sports
33	Law	Law and Social Transformation in India (old) Law Justice and Society (New)	<u>Law Justice and Society (old)</u> B) Criminal Law (New) C) Business Law (New)	(Paper -III (New) and Paper –IV(Old) Common Indian Constitutional Law: The New Challenges
34	Commerce	Recent Trends in Commerce	<u>Modern Topics in Management (old)</u> D) Advanced Development in Business Economics & Bank Management (New)	(Paper -III (New) and Paper –IV(Old) Common A) Advanced Development in Accountancy B) Advanced Development in Marketing Management C) Advanced Development in Human Resource Management
35	Civil Engg.	Recent Trends in Civil Engineering (old) Advances in Civil Engineering (New)	<u>Modern Topics in Civil Engg. (old)</u>	(Paper -III (New) and Paper –IV(Old) Common Advanced Developments in Civil Engg. - A) Structural Engineering and Concrete Tech. B) Geotechnical Engg.&Construction Management C) Environmental Engineering and Water Resources Engg.

Sr. No.	Subject			
		Paper - II	Paper - III	Paper - IV
		Saturday 30/01/2016	Monday 01/02/2016	Wednesday 03/02/2016
36	Computer Science & Engg.	Recent trends in Computer Science & Engg.	<u>Modern Topics in Computer Science & Engineering (old)</u> A) Advanced Development in Data Mining & Warehousing (New) C) Advanced Cloud Computing (New)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Computer Sci & Engg. B) Advanced Development in Distributed System
37	Electronics & Tele. Engg.	Recent Trends in Electronics & Telecommunication Engg. (old) Advances in Electronics and Telecommunication Engg (New)	Modern Topics in Electronics & Telecommunication Engg. (old) A) Advanced Development in wireless Communication & Coding Technique (New) B) Advanced Development in Signal Processing (New)	(Paper -III (New) and Paper –IV(Old) Common Advanced Development in Electro & Tele. Engg C) Advanced Development in Image Processing
38	Electronics Engg.	Recent Trends in Electronics Engg. (old) Advances in Electronics Engg. (New)	<u>Modern Topics in Electronics Engg (old)</u> A) Advances in Image Processing (New) B) Advanced CMOS VLSI Design (New) C) Soft Computing Paradigms (New)	Advanced Development in Electronics Engg - A) Advanced Development in Image Processing B) Advanced Development in CMOS VLSI Design C) Advanced Development in Soft Computing Paradigms
39	Mechanical Engg.	Recent Trends in Mechanical Engineering from Technology Management Perspective (old) Modern Topics In Mechanical Engineering from Performance Improvement Perspective (New)	<u>Modern Topics In Mechanical Engineering from Performance Improvement Perspective (old)</u> C) Advanced Developments in Thermal Engineering (New)	(Paper -III (New) and Paper –IV(Old) Common A) Advanced Developments in Industrial & Production Engg B) Advanced Development in Mechanical Design Engg.
40	Pharmacy	Recent Trends in Pharmaceutical Sciences (old) Pharmaceutical Sciences-I (New)	<u>Modern Topics in Pharmaceutical Science (old)</u> Pharmaceutical Sciences-II (New)	Advance Developments in Pharmaceutical Science

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