



## SHIVAJI UNIVERSITY, KOLHAPUR

Circular No. ....432.....Exam of Oct./Nov.2018

### Final Programme

**Final Programme of the BSc-Msc Nanoscience & Technology [Integrated] Programme Examination to be held in Oct./Nov. 2018.**

1. The candidate should see their Seat No's. & Name in the Name list and mistakes if any, should be communicated to this office immediately.
2. All the candidates are requested to confirm their Examination Seat Nos. as well as place of examination on the Notice Board of the University/ College, at least **Two days** before the date of Examination.
3. 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.
4. The candidates are requested to be present at their respective places of Examination **Fifteen Minutes** before the time of starting of each subsequent paper.
5. The candidates are forbidden to take any book or paper in to the Examination Hall.
6. The cellular Phone, Programmable Scientific Calculator, and Digital Diary or any other means which can be used for unfair practice are not allowed in the Examination hall.
7. The candidate should write answers in Blue Ink only.
8. Examination centre & place is Department of **Nanoscience & Technology examination centre, Shivaji University Kolhapur**

### [Part- I, Sem- I]

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Saturday 24/11/2018	I	68715	Mechanics Properties of Matter and Optics (New)From Oct 2015
Tuesday 13/11/2018	I	66781	Fundamentals of Chemical Science(New)From Oct 2015
Thursday 15/11/2018	I	66782	Fundamentals of Life Science(New)From Oct 2015
Saturday 17/11/2018	I	66783	Mathematical Science(New) From Oct 2015
Tuesday 20/11/2018	I	66519	Electronic Devices and Circuits(New) From Oct 2015

### [Part- I, Sem-II]

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Monday 12/11/2018	II	67052	Optics,Thermodynamics,Electricity and Magnetism
Wednesday 14/11/2018	II	67053	Fundamentals of Chemical Sciences-II
Friday 16/11/2018	II	67054	Chemical basis of Life,Biomolecules,Metabolism
Monday 19/11/2018	II	67055	Computational Method-I
Thursday 22/11/2018	II	67056	Digital Electronics

**[Part- II, Sem-III]**

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Tuesday 23/10/2018	III	57947	Physical Science(old)
		67730	Atomic Physics, Crystallography, Magnetism and Electromagnetic Theory(New)Oct-2016
Thursday 25/10/2018	III	57948	Chemical Science(old)
		67731	Advanced Chemical Science-I(New)Oct.2016
Saturday 27/10/2018	III	57949	Life Science(old)
		67732	Molecular Cell biology virology, immunology (New)Oct-2016
Tuesday 30/10/2018	III	57950	Basic Instrumentation(old)
		67733	Basic Instrumentation(New) Oct.2016
Thursday 01/11/2018	III	57951	Computational Method –I(old)
		67734	Descriptive Statistics and Probability Distributions(New) Oct.2016

**[Part- II, Sem-IV]**

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Wednesday 24/10/2018	IV	57956	Physical Science(old)
		67739	Physical Optics, Laser, Quantum & Statistical Mechanics(New) From Mar 2017
Friday 26/10/2018	IV	57957	Chemical Science(old)
		67740	Advanced Chemical Science(New) From Mar 2017
Monday 29/10/2018	IV	57958	Life Science(old)
		67741	Biological Culture Techniques(New) From Mar 2017
Wednesday 31/10/2018	IV	57959	Advanced Instrumentation(old)
		67742	Advanced Instrumentation(New) From Mar 2017
Friday 02/11/2018	IV	57960	Computational Method Part-II(old)
		67743	Computational Method(New) From Mar 2017

**[Part- III, Sem-V]**

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Monday 12/11/2018	V	57965	Physical Science(Old)
		70391	Mathematical Methods, Statistical Physics and Solid State Physics(New)Oct.2017
Wednesday 14/11/2018	V	57966	Chemical Science(Old)
		70392	Advanced Organic Chemistry(New)Oct.2017
Friday 16/11/2018	V	57967	Life Science(Old)
		70393	Fundamentals of enzymology and Bioinformatics(New)Oct.2017
Monday 19/11/2018	V	57968	Science at nanoscale(Old)
		70394	Science at nanoscale(New)Oct.2017
Thursday 22/11/2018	V	68716	Environmental Nanotechnology and Applications(Old)
		70395	Environmental Science and Environmental applications of Nanomaterials(New)Oct.2017

**[Part- III, Sem-VI]**

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Saturday 03/11/2018	VI	57974	Physical Science (Old)
		70400	Classical and Quantum Mechanics (New) Mar.2018
Tuesday 13/11/2018	VI	57975	Chemical Science (Old)
		70401	Medicinal Chemistry and Radioactivity(New) Mar.2018
Thursday 15/11/2018	VI	57976	Life Science (Old)
		70402	Molecular biology and genetic engineering(New) Mar.2018
Saturday 17/11/2018	VI	57977	Properties of nanomaterials (Old)
		70403	Properties of Nanomaterials(New) Mar.2018
Tuesday 20/11/2018	VI	57978	Nanobiology and Nanomedicine (Old)
		70404	Nanobiology and Nanomedicine(New) Mar.2018

**[Part- IV, Sem-VII]**

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Wednesday 24/10/2018	VII	57983	Semiconductor Physics (Old)
		71632	Semiconductor Physics (New) Oct.2018
Friday 26/10/2018	VII	57984	Carbaceous Materials (Old)
		71633	Carbaceous Materials (New) Oct.2018
Monday 29/10/2018	VII	57985	Functional Nanomaterials (Old)
		71634	Functional Nanomaterials (New) Oct.2018
Wednesday 31/10/2018	VII	57986	Nanocoatings & Applications (Old)
		71635	Nanocoatings & Applications (New) Oct.2018
Friday 02/11/2018	VII	57987	Nanobiotechnology (Old)
		71636	Nanobiotechnology (New) Oct.2018

**[Part- IV, Sem-VIII]**

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Tuesday 23/10/2018	VIII	57992	Solid State Electronic Devices
Thursday 25/10/2018	VIII	57993	Energy Conversion and storage Devices
Saturday 27/10/2018	VIII	57994	Nanocatalysis
Tuesday 30/10/2018	VIII	57995	Nanomagnetism and Spintronics
Thursday 01/11/2018	VIII	57996	Biomedical Applications of Nanobiotechnology

**[Part- V, Sem-IX]**

Day & Date	Paper No	Code No.	Internal Exam
Internal Exam	-	68288	Research Project and Dissertation Phase-I
Internal Exam	-	68289	Seminar based on Project Work-I

**[Part- V, Sem-X]**

Day & Date	Paper No	Code No.	Internal Exam
Internal Exam	-	68290	Research Project and Dissertation Phase-II
Internal Exam	-	68291	Seminar based on Project Work-II

10. The practical Exam BSc-Msc Nanoscience & Technology [Integrated] will begin after Theory Exam .
11. The actual Dates of Practical examination will be notified in the practical Programmes for BSc-Msc Nanoscience & Technology [Integrated]
12. Candidates are directed to be present at the time and place appointed for their practical Examination. Those who fail to present themselves at the appointed time and place will not be examined in practical.

**Note :** The Examination Programme is subject to change The candidates are therefore advised to see the **Final Programme**. If there is any change in the examination programme the University is not responsible for the loss or inconvenience caused to the candidates.

Ref No. SU/Exam/ Bsc Msc Nanoscience & Tech  
Vidyanagar Kolhapur- 416004.  
Date:- 25/09/2018

Shri. M. A. Kakade  
Director  
Board of Examinations and Evaluation  
Shivaji University, Kolhapur



## SHIVAJI UNIVERSITY, KOLHAPUR

Circular No. ...434..... Exam of Oct./Nov.2018.

### Final Programme

**Final Programme of the Bsc Nanoscience & Technology (Entire) (Three Years) Programme Examination to be held in Oct./Nov.2018.**

1. The candidate should see their Seat No's. & Name in the Name list and mistakes if any, should be communicated to this office immediately.
2. All the candidates are requested to confirm their Examination Seat Nos. as well as place of examination on the Notice Board of the University/ College, at least **Two days** before the date of Examination.
3. 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.
4. The candidates are requested to be present at their respective places of Examination **Fifteen Minutes** before the time of starting of each subsequent paper.
5. The candidates are forbidden to take any book or paper in to the Examination Hall.
6. The cellular Phone, Programmable Scientific Calculator, and Digital Diary or any other means which can be used for unfair practice are not allowed in the Examination hall.
7. The candidate should write answers in Blue Ink only.
8. Examination centre & place is Department of Nanoscience & Technology examination centre, Shivaji University Kolhapur
9. The written Examination will be held at **Yashwantrao Chavan Institute of Science College Satara,(Entire) Degree Course**

#### [Part- I, Sem- I]

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Saturday 24/11/2018	I	68705	Mechanics, Properties of Matter and Optics(New)
Tuesday 13/11/2018	I	66938	Fundamentals of Chemical Science(New)From Oct 2015
Thursday 15/11/2018	I	66939	Fundamentals of Life Science(New)From Oct 2015
Saturday 17/11/2018	I	66940	Mathematical Science(New) From Oct 2015
Tuesday 20/11/2018	I	66941	Electronic Devices and Circuits(New) From Oct 2015

#### [Part- I, Sem-II]

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Monday 12/11/2018	II	67094	Optics, Thermodynamics, Electricity and Magnetism
Wednesday 14/11/2018	II	67095	Fundamentals of Chemical Sciences-II
Friday 16/11/2018	II	67096	Chemical basis of Life, Biomolecules, Metabolism
Monday 19/11/2018	II	67097	Computational Method-I
Thursday 22/11/2018	II	67098	Digital Electronics

**[Part- II, Sem-III]**

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Tuesday 23/10/2018	III	57947	Physical Science(old)
		68330	Atomic Physics, Crystallography, Magnetism and Electromagnetic Theory(New)Oct-2016
Thursday 25/10/2018	III	57948	Chemical Science(old)
		68331	Advanced Chemical Science-I(New)Oct.2016
Saturday 27/10/2018	III	57949	Life Science(old)
		68332	Molecular Cell biology virology, immunology (New)Oct-2016
Tuesday 30/10/2018	III	57950	Basic Instrumentation(old)
		68333	Basic Instrumentation(New) Oct.2016
Thursday 01/11/2018	III	57951	Computational Method –I(old)
		68334	Descriptive Statistics and Probability Distributions(New) Oct.2016

**[Part- II, Sem-IV]**

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Wednesday 24/10/2018	IV	57956	Physical Science(old)
		68339	Physical Optics, Laser, Quantum and Statistical Mechanics(New) From Mar.2017
Friday 26/10/2018	IV	57957	Chemical Science(old)
		68340	Advanced Chemical Science(New) Mar.2017
Monday 29/10/2018	IV	57958	Life Science(old)
		68341	Biological Culture Techniques(New) Mar.2017
Wednesday 31/10/2018	IV	57959	Advanced Instrumentation(old)
		68342	Advanced Instrumentation(New) Mar.2017
Friday 02/11/2018	IV	57960	Computational Method Part-II(old)
		68343	Computational Method(New) Mar.2017

**[Part- III, Sem-V]**

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Monday 12/11/2018	V	57965	Physical Science(Old)
		70424	Mathematical Methods, Statistical Physics and Solid State Physics(New)Oct.2017
Wednesday 14/11/2018	V	57966	Chemical Science(Old)
		70425	Advanced Organic Chemistry(New)Oct.2017
Friday 16/11/2018	V	57967	Life Science(Old)
		70426	Fundamentals of enzymology and Bioinformatics(New)Oct.2017
Monday 19/11/2018	V	57968	Science at nanoscale(Old)
		70427	Science at nanoscale(New)Oct.2017
Thursday 22/11/2018	V	68706	Environmental Nanotechnology and Applications(Old)
		70432	Environmental Science and Environmental applications of Nanomaterials(New)Oct.2017

**[Part- III, Sem-VI]**

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Saturday 03/11/2018	VI	57974	Physical Science (Old )
		70998	Classical and Quantum Mechanics (New) Mar.2018
Tuesday 13/11/2018	VI	57975	Chemical Science (Old )
		70999	Medicinal Chemistry and Radioactivity(New) Mar.2018
Thursday 15/11/2018	VI	57976	Life Science (Old )
		71000	Molecular biology and genetic engineering(New) Mar.2018
Saturday 17/11/2018	VI	57977	Properties of nanomaterials (Old )
		71001	Properties of Nanomaterials(New) Mar.2018
Tuesday 20/11/2018	VI	57978	Nanobiology and nanomedicine (Old )
		71002	Nanobiology and Nanomedicine(New) Mar.2018

10. The practical Exam BSc Nanoscience & Technology **[Entire]** will begin after Theory Exam .
11. The actual Dates of Practical examination will be notified in the practical Programmes for BSc Nanoscience & Technology **[Entire]**
12. Candidates are directed to be present at the time and place appointed for their practical Examination. Those who fail to present themselves at the appointed time and place will not be examined in practical.

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Shri. M. A. Kakade  
Director  
Board of Examinations and Evaluation  
Shivaji University, Kolhapur



# SHIVAJI UNIVERSITY, KOLHAPUR

Circular No. ...433.....Exam of Oct./Nov. 2018.

## Final Programme

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### [Part- I, Sem- I]

Day & Date	Paper No	Code No.	Time: 10.30 am to 1.30 p.m.
Wednesday 24/10/2018	-	69736	Semiconductor Physics (Old)
		72118	Semiconductor Physics ( New) Oct.2018
Friday 26/10/2018	-	69737	Carbaceous Materials (Old)
		72119	Carbaceous Materials ( New) Oct.2018
Monday 29/10/2018	-	69738	Functional Nanomaterials (Old)
		72120	Functional Nanomaterials ( New) Oct.2018
Wednesday 31/10/2018	-	69739	Nanocoatings & Applications (Old)
		72121	Nanocoatings & Applications ( New) Oct.2018
Friday 02/11/2018	-	69740	Nanobiotechnology (Old)
		72122	Nanobiotechnology( New) Oct.2018

### [Part- I, Sem-II]

Day & Date	Paper No	Code No.	Time: 2.30 pm 5.30 p.m.
Tuesday 23/10/2018	-	69745	Solid State Electronic Devices
Thursday 25/10/2018	-	69746	Energy Conversion and storage Devices
Saturday 27/10/2018	-	69747	Nanocatalysis
Tuesday 30/10/2018	-	69748	Nanomagnetism and Spintronics
Thursday 01/11/2018	-	69749	Biomedical Applications of Nanobiotechnology



**[Part- II, Sem-III]**

Day & Date	Paper No	Code No.	Internal Exam
Internal Exam	-	69754	Research Project and Dissertation Phase-I
Internal Exam	-	69755	Seminar based on Project Work-I

**[Part- II, Sem-IV]**

Day & Date	Paper No	Code No.	Internal Exam
Internal Exam	-	69756	Research Project and Dissertation Phase-II
Internal Exam	-	69757	Seminar based on Project Work-II

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