

## सोलापूर विद्यापीठ

कुलसचिव कार्यालय (अभ्यासमंडळे विभाग)

सोलापूर पुणे राष्ट्रीय महामार्ग, केगाव, सोलापूर - ४१३ २५५

ईपीएबीक्स - ०२१७-२७४४७७८ (११ लाईन्स)

विस्तृत क्र. ११३ फॅक्स नं. - ०२१७-२७४४७७९०

संकेतस्थळ : <http://su.digitaluniversity.ac/www.sus.ac.in>

ई-मेल : [registrar@sus.ac.in](mailto:registrar@sus.ac.in) / [bos@sus.ac.in](mailto:bos@sus.ac.in)



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

## Solapur University

Registrar Office (Board of Studies)

Solapur-Pune National Highway,

Kegaon, Solapur-413 255

EPABX No. 0217- 2744778 (11 lines)

Ext. No. 113, Fax No.0217-2744770

Website : <http://su.digitaluniversity.ac/www.sus.ac.in>

E-mail: [registrar@sus.ac.in](mailto:registrar@sus.ac.in) / [bos@sus.ac.in](mailto:bos@sus.ac.in)

संदर्भ क्र. सोविसो/अमंवि/२०१७/ 8680

दिनांक:- - 7 NOV 2017

प्रति,

मा. प्राचार्य

एम.एस्सी. (बायोटेक्नॉलॉजी) संलग्नित सर्व महाविद्यालये,

सोलापूर विद्यापीठ, सोलापूर.

विषय :- एम. एस्सी. भाग १ व २ (बायोटेक्नॉलॉजी) CGPA पॅटर्न अभ्यासक्रमामधील विषयास CBCS पॅटर्ननुसार समकक्ष विषयाबाबत...

महोदय/महोदया,

उपरोक्त विषयास अनुसरून आपणास कळविण्यात येते की, एम. एस्सी. भाग १ व २ (बायोटेक्नॉलॉजी) CGPA पॅटर्न अभ्यासक्रमानुसार परीक्षा संधी संपल्याने CGPA पॅटर्न अभ्यासक्रमांतर्गत असणाऱ्या सर्व विषयांसाठी CBCS पॅटर्नमधील समकक्ष विषय सोबत जोडलेल्या तक्त्यानुसार निश्चित करण्यात येत आहेत.

सदरील बाब विद्यार्थी, शिक्षक व इतर संबंधितांच्या निदर्शनास आणून द्यावी, ही विनंती.

कळावे,

आपला विश्वासू,

(डॉ. जी. आर. मंझा)

कुलसचिव

प्रत:- माहितीस्तव व पुढील कार्यवाहीस्तव

परीक्षा विभाग, सोलापूर विद्यापीठ, सोलापूर.

**SOLAPUR UNIVERSITY, SOLAPUR**  
**Equivalence of old CGPA with new CBCS pattern**  
**M.Sc. Part-I and Part-II Biotechnology**

**SEMESTER-I**

<b>Title of Old CGPA Paper</b>		<b>Title of NewCBCS Paper</b>	
<b>MBT 101</b>	Microbiology	<b>HCT1.1</b>	Microbiology
<b>MBT 102</b>	Concepts of Biochemistry	<b>HCT 1.2</b>	Concepts of Biochemistry
<b>MBT 103</b>	Inheritance biology	<b>HCT 1.3</b>	Inheritance biology
<b>MBT 104</b>	Biostatistics and Bioinformatics	<b>SCT 1.1</b>	Biostatistics and Bioinformatics
		<b>SCT 1.2</b>	Clinical Bioinformatics
<b>Practical Papers</b>			
<b>MBTPr 105</b>	Microbiology and Concepts of Biochemistry	HCP 1.1	Practical Course HCP 1.1
<b>MBTPr 106</b>	Inheritance biology and Biostatistics & Bioinformatics	HCP 1.2	Practical Course HCP 1.2
		HCP 1.3	Practical Course HCP 1.3
		SCP 1.1	Practical Course SCP 1.1
		SCP 1.2	Practical Course SCP 1.2

## SEMESTER-II

Title of old CGPA Paper		Title of NewCBCS Paper	
<b>MBT 201</b>	Cell Biology	<b>HCT2.1</b>	Cell Biology
<b>MBT 202</b>	Enzyme Technology	<b>HCT 2.2</b>	Enzyme Technology
<b>MBT 203</b>	Molecular Cell Processing	<b>SCT 2.1</b>	Molecular Cell Processing
		<b>SCT 2.2</b>	Molecular Medicine
<b>MBT 204</b>	Immunology and Immuno-techniques	<b>OET 2.1</b>	Immunology and Immuno-techniques
		<b>OET 2.2</b>	Agriculture Science and Seed Technology
<b>Practical Papers</b>			
<b>MBTPr 205</b>	Cell biology and Enzyme Technology	<b>HCP 2.1</b>	Practical Course HCP 2.1
<b>MBTPr 206</b>	Immunology and Immune techniques	<b>HCP 2.2</b>	Practical Course HCP 2.2
		<b>SCP 2.1</b>	Practical Course SCP 2.1
		<b>SCP 2.2</b>	Practical Course SCP 2.2
		<b>OEP 2.1</b>	Practical Course OEP2.1
		<b>OEP 2.2</b>	Practical Course OEP 2.2

### SEMESTER-III

Title of old CGPA Paper		Title of NewCBCS Paper	
<b>MBT 301</b>	Advanced analytical techniques <b>(equivalent to CBCS HCT 4.2)</b>	<b>HCT3.1</b>	Industrial and Environmental Biotechnology
<b>MBT 302</b>	Fermentation Technology <b>(equivalent to CBCS HCT 3.1)</b>	<b>HCT 3.2</b>	Genetic Engineering
<b>MBT 303</b>	Research Methodology & IPR <b>(equivalent to CBCS HCT 4.3)</b>	<b>SCT 3.1</b>	Plant Biotechnology
<b>MBT 304</b>	Plant Biotechnology <b>(equivalent to CBCS SCT 3.1)</b>	<b>SCT 3.2</b>	Cancer Genetics and Animal Cell culture
		<b>OET 3.1</b>	Computational Structure Biology and Drug Designing
		<b>OET 3.2</b>	Advanced Pharmaceuticals
<b>Practical Papers</b>			
<b>MBTPr305</b>	Advanced analytical techniques and Fermentation Technology <b>(equivalent to CBCS HCP 4.2 and HCP 3.1)</b>	<b>HCP 2.1</b>	Practical Course HCP 3.1
<b>MBTPr306</b>	Research Methodology & IPR and Plant Biotechnology <b>(equivalent to CBCS HCP4.3 and SCP 3.1)</b>	<b>HCP 2.2</b>	Practical Course HCP 3.2
		<b>SCP 2.1</b>	Practical Course SCP 3.1
		<b>SCP 2.2</b>	Practical Course SCP 3.2
		<b>OEP 2.1</b>	Practical Course OEP3.1
		<b>OEP 2.2</b>	Practical Course OEP 3.2

## SEMESTER-IV

Title of old CGPA Paper		Title of NewCBCS Paper	
<b>MBT 401</b>	Animal Biotechnology	<b>HCT4.1</b>	Animal Biotechnology and Stem Cell technology
<b>MBT 402</b>	Industrial & Environmental Biotechnology <b>(equivalent to CBCS HCT 3.1)</b>	<b>HCT 4.2</b>	Advanced analytical Techniques
<b>MBT 403</b>	Stem Cell Technology & Regenerative medicine <b>(equivalent to CBCS HCT 4.1)</b>	<b>HCT 4.3</b>	Research Methodology and IPR
<b>MBT 404</b>	Genetic Engineering <b>(equivalent to CBCS HCT 3.2)</b>	<b>SCT 4.1</b>	Medical Biotechnology and Bio-nanotechnology
		<b>SCT 4.2</b>	Advanced Pharmacognosy
<b>Practical Papers</b>			
<b>MBTPr405</b>	Animal Biotechnology and Industrial & Environmental Biotechnology and Stem Cell Technology & Regenerative medicine and Genetic Engineering.	<b>MP4.1</b>	Major Project
<b>MBTPr406</b>	Project <b>(equivalent to CBCS MP4.1)</b>		