

**Savitribai Phule Pune University**

**S. E. Instrumentation & Control**

**Equivalence**

<b>Sr.no</b>	<b>Subject Code</b>	<b>Subject (2008 Course)</b>	<b>Subject code</b>	<b>Subject (2019 Course)</b>
1	206263	Principles of Sensors and Transducers	--	To be continued
2.	206267	Applied Electronics	--	To be continued
3.	206268	Transducer and Signal Conditioning	--	To be continued
4.	206269	Photonics and Instrumentation	--	To be continued
5.	206270	Drives and Control	--	To be continued

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**T. E. Instrumentation & Control**

**Equivalence**

<b>Sr.no</b>	<b>Subject Code</b>	<b>Subject (2008 Course)</b>	<b>Subject code</b>	<b>Subject (2019 Course)</b>
1.	306264	Electronic Instrumentation	---	To be continued

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## B. E. Instrumentation & Control

### Equivalence

#### Semester- I

Sr.no	Subject Code	Subject (2008 Course)	Subject code	Subject (2015 Course)
<b>Elective -I</b>				
1.	406264A	Biomedical Instrumentation	406264D	Advanced Bio- Medical Instrumentation
2.	406264B	Laser Based Instrumentation	406264A	Industrial Internet of Things
<b>Elective -II</b>				
3.	406265B	Nano Instrumentation	406265E	Soft Computing
4.	406265C	Advanced Digital Signal Processing	406264C	Advanced Digital Signal Processing
5.	406265D	Automobile Instrumentation	406265C	Automotive Instrumentation

#### Semester- II

Sr.no	Subject Code	Subject (2008 Course)	Subject code	Subject (2015 Course)
<b>Elective -III</b>				
1.	406269A	Advanced Bio- Medical Instrumentation	406270B	Robotics and Automation
2.	406269A	Fiber Optic Instrumentation	406265D	Opto- Electronics Instrumentation
<b>Elective -IV</b>				
3.	406270C	Digital Image Processing	406270D	Digital Image Processing

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## B. E. Instrumentation & Control

### Equivalence

#### Semester- I

Sr.no	Subject Code	Subject (2012 Course)	Subject code	Subject (2015 Course)
4.	406264	<b>Elective I</b>		<b>Elective I</b>
	B.	Building Automation- I	----	To be Continued.....
	C.	Advanced Control Systems	----	To be Continued.....
	D.	Advanced Sensors	----	To be Continued.....
5	406265	<b>Elective II</b>		<b>Elective II</b>
	B.	Environmental Instrumentation	----	To be Continued.....
	C.	Robotics & Automation	----	To be Continued.....
	D.	Sensor Networks	----	To be Continued.....
	E.	Fault Detection and Diagnosis	----	To be Continued.....

#### Semester- II

Sr.no	Subject Code	Subject (2012 Course)	Subject Code	Subject (2015 Course)
3.	406269	<b>Elective III</b>		<b>Elective III</b>
	B.	Building Automation- II	----	To be Continued.....
	D.	Virtual Instrumentation	----	To be Continued.....

(Dr. J V. Kulkarni)

BoS, Coordinator , Instrumentation Engineering.