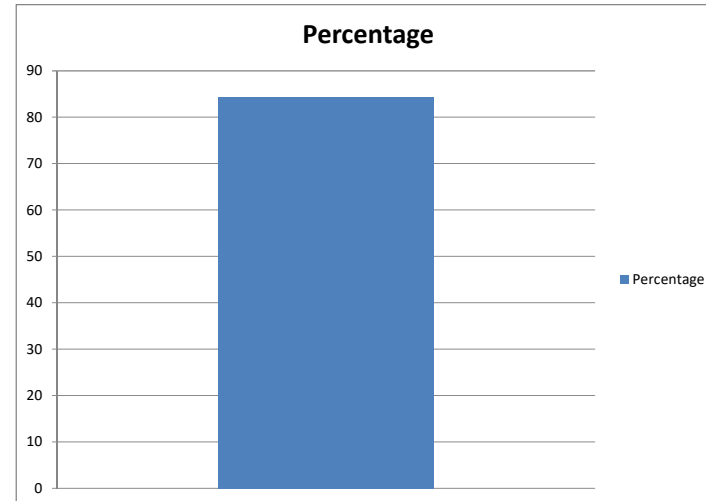


### Course Outcome Analysis Report for NAAC

	Electrical		Engineering Mathematics-III
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1	Students will be able to implement above mathematical tools to analyze electrical circuits & systems.	84.31
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**Average Percentage**

**84.31**

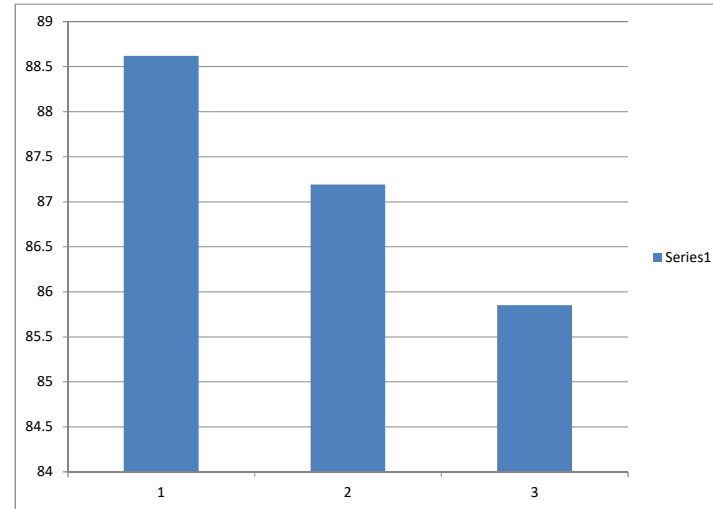
**Course Outcome Analysis Report for NAAC**

	Electrical		Electrical Machine-I
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Sr No	Course Outcome	Percentage
1	Student will be able to analyze performance of DC generators and motors	88.62
2	Student will be able to examine performance of single phase and three phase transformer	87.19
3	Students will be able to identify applications of DC machines & transformer in power sector	85.85

**Average Percentage**

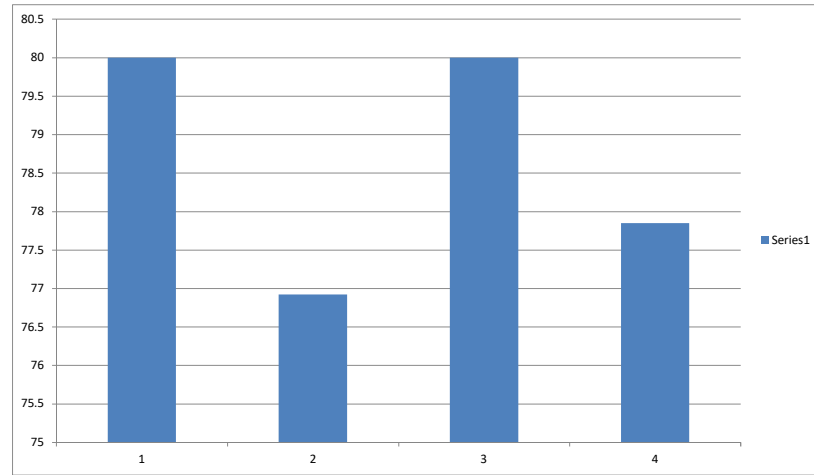
87.22



Course Outcome Analysis Report for NAAC

Electrical	Electronic Devices and Circuits
------------	---------------------------------

Sr No	Course Outcome	Percentage
1	Students will be able to design transistorized circuits based on their conceptual understanding and analytical understanding of BJT	80
2	Students will be able to analyze FET circuits	76.92
3	Students will be able to design unregulated power supplies for practical applications	80
4	Students will be able to put oscillator circuits in to various operations.	77.85



Average Percentage

78.69

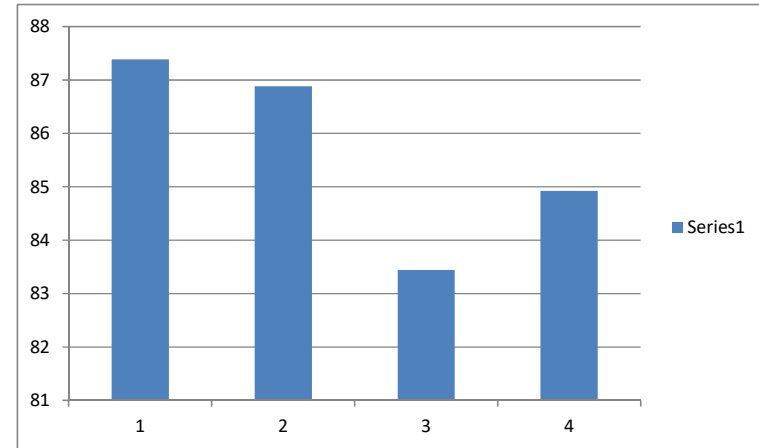
### Course Outcome Analysis Report for NAAC

Electrical	Electrical Measurement & Instrumentation
------------	--

Sr No	Course Outcome	Percentage
1	The students will be able to use Analog instruments in practical applications	87.38
2	The students will be able to apply potentiometer & bridges for measurements of resistance, inductance & capacitance	86.88
3	The students will be able to understand the applications of instrument transformer and data acquisition system for sensing & control of electrical quantities.	83.44
4	The students will be able to use digital instruments for various measurements	84.92

**Average Percentage**

85.66



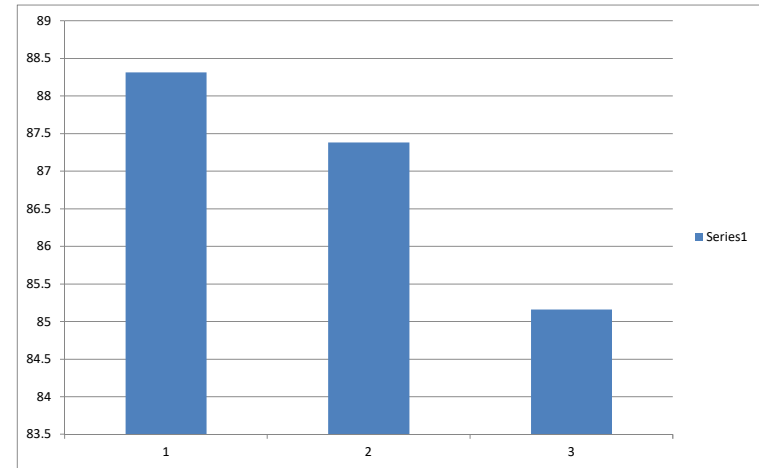
**Course Outcome Analysis Report for NAAC**

Electrical	Power Plant Engineering
------------	-------------------------

Sr No	Course Outcome	Percentage
1	Students will be able to analyze different types of power plants considering technical, environmental & economic aspects.	88.31
2	Students will be able to select the type of power plant for a site considering technical, environmental & economic aspects.	87.38
3	Students will be able to investigate need and areas of application for non conventional energy sources.	85.16

**Average Percentage**

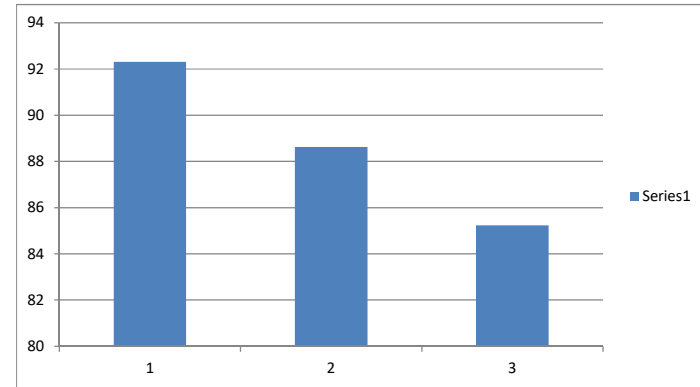
86.95



### Course Outcome Analysis Report for NAAC

	Electrical	Numerical Methods & Computer Programming
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Sr No	Course Outcome	Percentage
1	Ability to identify and to classify the numerical problem to be solved	92.31
2	Ability to choose the most appropriate numerical method for its solution based on characteristics of the problem	88.62
3	Ability to program Numerical Methods	85.23



**Average Percentage**

**88.72**

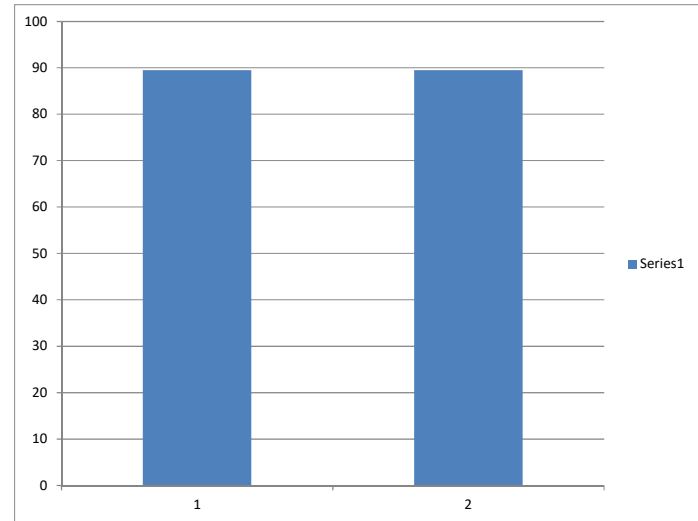
Course Outcome Analysis Report for NAAC

	Electrical		Electrical Machine-II
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Sr No	Course Outcome	Percentage
1	Students will be able to analyze performance of three phase as well as single phase induction motors.	89.54
2	Students will be able to identify applications of induction motors in industries & power sector.	89.54

Average Percentage

89.54



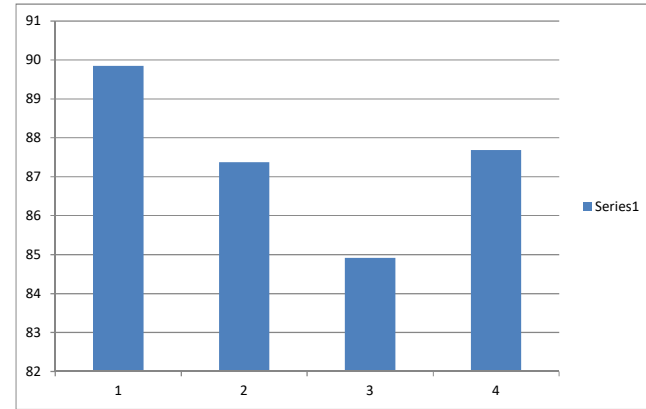
**Course Outcome Analysis Report for NAAC**

Electrical	Elements of Power Systems
------------	---------------------------

Sr No	Course Outcome	Percentage
1	Students will be able to understand overall structure of power system.	89.85
2	Students will be able to understand mechanical design of transmission lines.	87.38
3	Students will be able to implement the knowledge to design underground power distribution system..	84.92
4	Students will be able to analyze various performance parameters of transmission lines.	87.69

**Average Percentage**

**87.46**





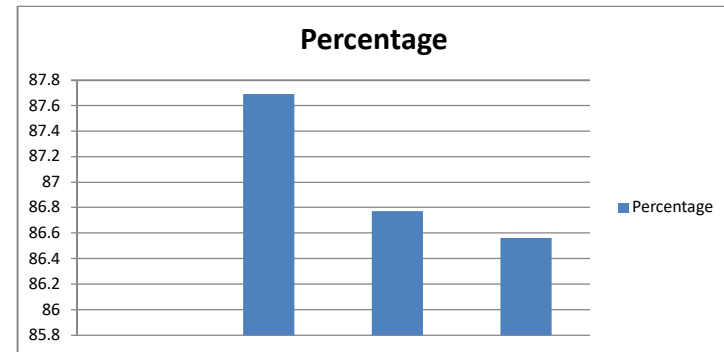
### Course Outcome Analysis Report for NAAC

	Electrical	Analog & Digital Integrated Circuits
--	------------	--------------------------------------

Sr No	Course Outcome	Percentage
1	Students will be able to apply open loop and closed loop circuit configurations of an operational amplifier in different control circuit designs.	87.69
2	Students will be able to use principles of combinational circuits in practical applications.	86.77
3	Students will be able to use principles of sequential circuits in practical applications.	86.56

Average Percentage

87.01



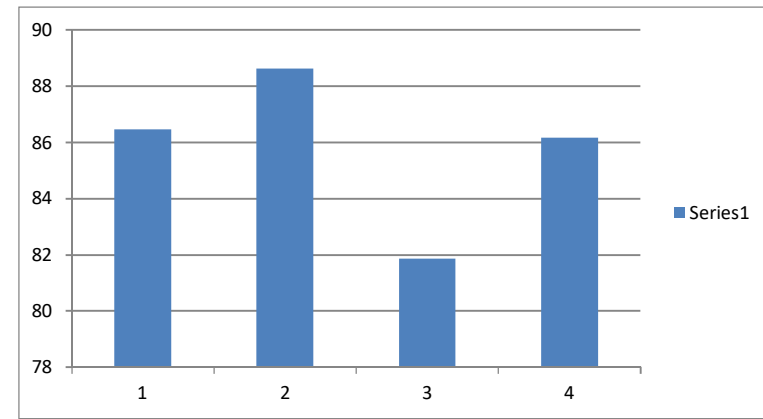
### Course Outcome Analysis Report for NAAC

	Electrical		Network Analysis
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Sr No	Course Outcome	Percentage
1	Students will be able to simplify the complex electrical networks by applying various theorems.	86.46
2	Students will be able to analyze electrical networks by using Mesh and Nodal techniques	88.62
3	Students will be able to analyze transient behaviour of electrical networks in time domain as well as	81.85
4	Students will be able to determine various parameters of two port networks.	86.15

**Average Percentage**

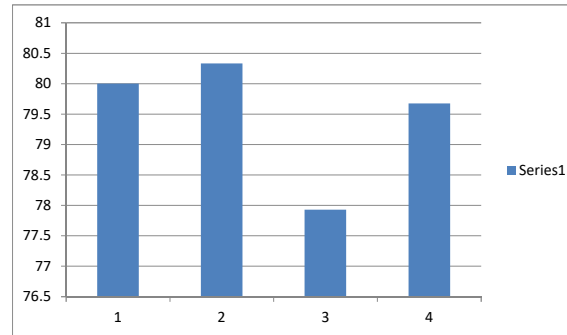
**85.77**



**Course Outcome Analysis Report for NAAC**

Electrical Engineering	Power System Analysis
------------------------	-----------------------

Sr No	Course Outcome	Percentage
1	Students will be able to understand the complete knowledge for representing the power system network	80
2	Students will be able to know the complete load flow analysis in order to get the various losses.	80.33
3	Students will be able to implement the knowledge to design for improve eth epower system operation	77.93
4	Students will be able to understand the various faults & analysis of faults.	79.67



Average Percentage

79.48

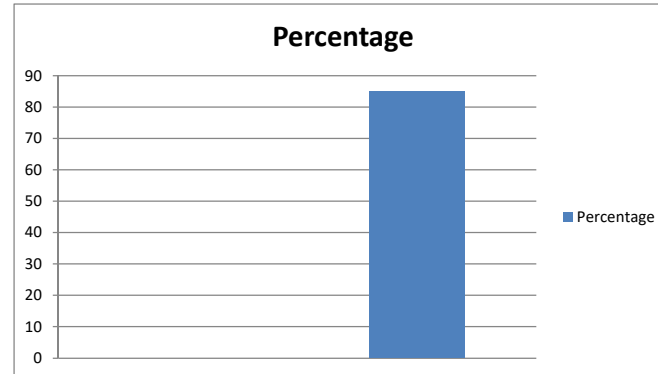
**Course Outcome Analysis Report for NAAC**

	Electrical	Engineering Economics and Industrial Management
--	------------	--

Sr No	Course Outcome	Percentage
1	After studying the subject students will know all the economical aspects & managerial skills required in industries & they will be more competent while doing the job in the industries	84.88

Average Percentage

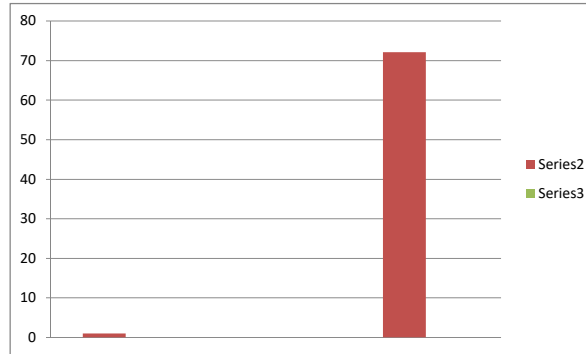
84.88



**Course Outcome Analysis Report for NAAC**

Electrical	Electromagnetic Engineering
------------	-----------------------------

Sr No	Course Outcome	Percentage
1	Analyze electric & magnetic fields with the help of vector analysis & integral calculus.	72.06



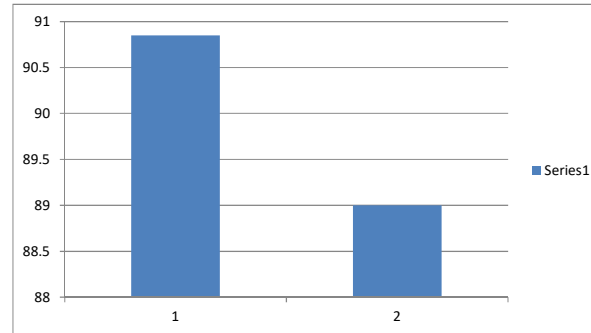
Average Percentage

72.06

**Course Outcome Analysis Report for NAAC**

	Electrical		Electrical Machine-III
--	------------	--	------------------------

Sr No	Course Outcome	Percentage
1	Students will be able to analyze performance of synchronous machines and special purpose machines	90.85
2	Students will be able to identify applications of synchronous machines and special purpose machines in industries & power sector.	89



Average Percentage

89.93

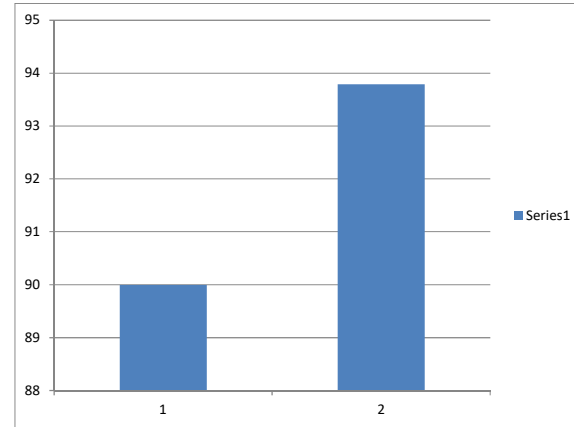
Course Outcome Analysis Report for NAAC

	Electrical	Control Systems-I
--	------------	-------------------

Sr No	Course Outcome	Percentage
1	Students will be able to analyze and represent the control system mathematically.	90
2	Students will be able to analyze the control system in Time and frequency Domain	93.79

Average Percentage

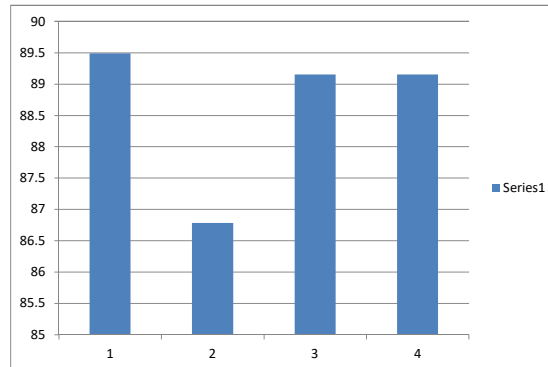
91.90



Course Outcome Analysis Report for NAAC

	Electrical		Control System-II
--	------------	--	-------------------

Sr No	Course Outcome	Percentage
1	Students will be able to design the controller in time and frequency domain.	89.49
2	Students will be able to analyze and design the control system in modern approach.	86.78
3	Students will be able to analyze the nonlinear control systems.	89.15
4	Students will be able to analyze the Discrete Time Control Systems	89.15



Average Percentage

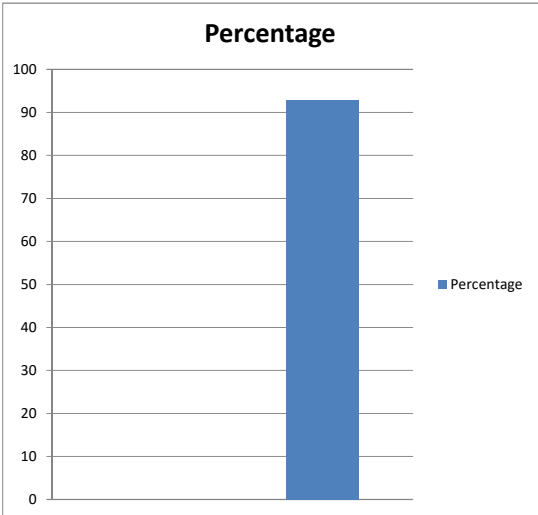
88.64



**Course Outcome Analysis Report for NAAC**

	Electrical		Electrical Machine Design
--	------------	--	---------------------------

Sr No	Course Outcome	Percentage
1	Students will be able to analyze design of Transformers, DC machines, Induction motors and synchronous machines.	92.76



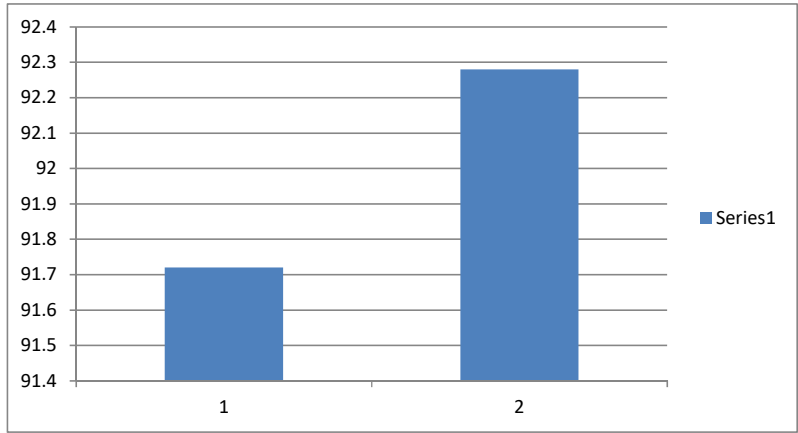
Average Percentage

92.76

<b>Course Outcome Analysis Report for NAAC</b>	
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	Electrical		Power Electronics
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Sr No	Course Outcome	Percentage
1	Students will be able to analyze and design the power electronic circuits.	91.72
2	Students will be able to analyze and design the control circuits for electrical machine and power system applications.	92.28



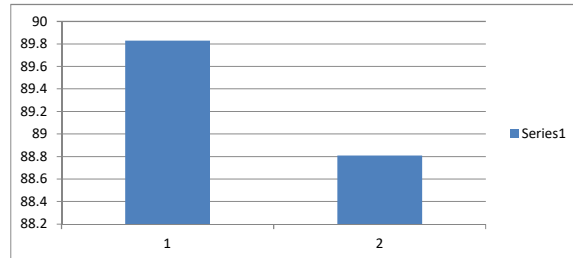
Average Percentage

8.36

### Course Outcome Analysis Report for NAAC

	Electrical		Signals & Systems
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Sr No	Course Outcome	Percentage
1	Students will be able to analyze the system in Time and Frequency domain through its respective tools	89.83
2	Students will demonstrate knowledge of complex number, Fourier series and ability to design electrical and electronics systems analyze and interpret data.	88.81



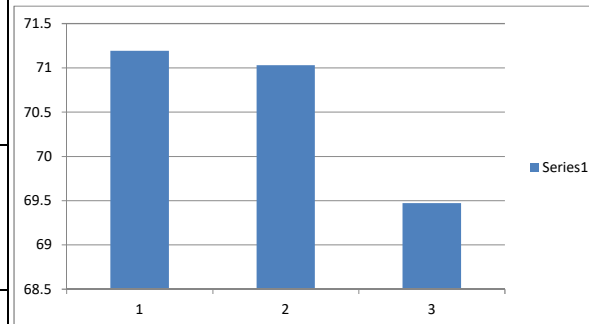
Average Percentage

89.32

**Course Outcome Analysis Report for NAAC**

	Electrical		Microprocessor and
--	------------	--	--------------------

Sr No	Course Outcome	Percentage
1	To impart knowledge on the architecture and basic concepts of microprocessor and microcontroller.	71.19
2	To create the memory and IO interfacing techniques with 8051.	71.03
3	To write assembly language program in microcontroller 8051 for various applications.	69.47



Average Percentage

70.56

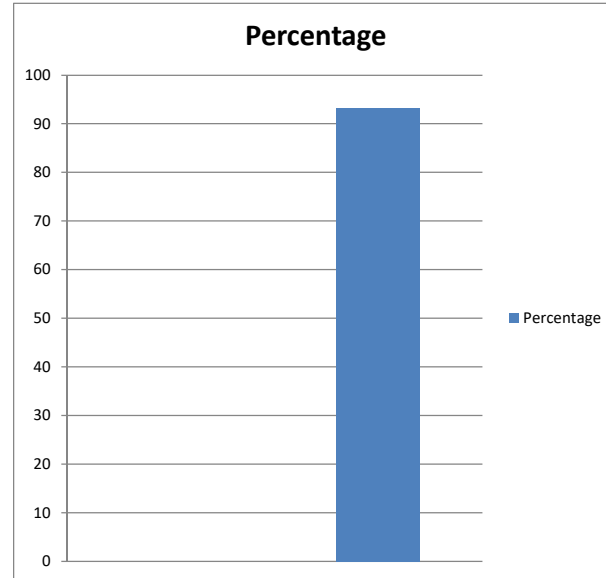
**Course Outcome Analysis Report for NAAC**

Electrical	Electrical Drives and Control
------------	-------------------------------

<b>Sr No</b>	<b>Course Outcome</b>	<b>Percentage</b>
1	Students will Gain an ability to design and conduct performance experiments, as well as to identify, formulate and solve drives related problems	93.2

**Average Percentage**

93.2



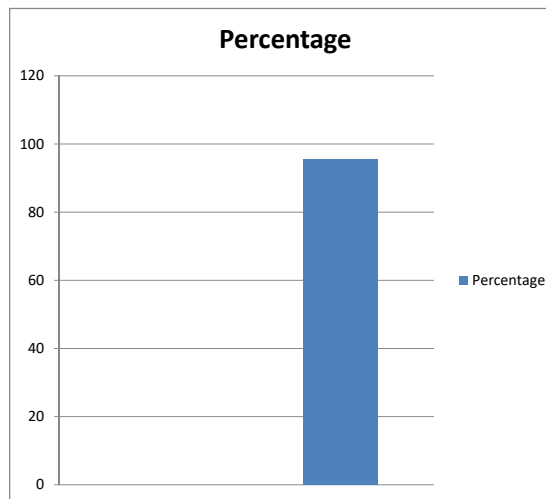
### Course Outcome Analysis Report for NAAC

Electrical	Switchgear & Protection
------------	-------------------------

Sr No	Course Outcome	Percentage
1	Student will be able to get the in-depth understanding of how the major equipments used in the power system are being protected against faults and abnormal conditions	95.32

**Average Percentage**

95.32



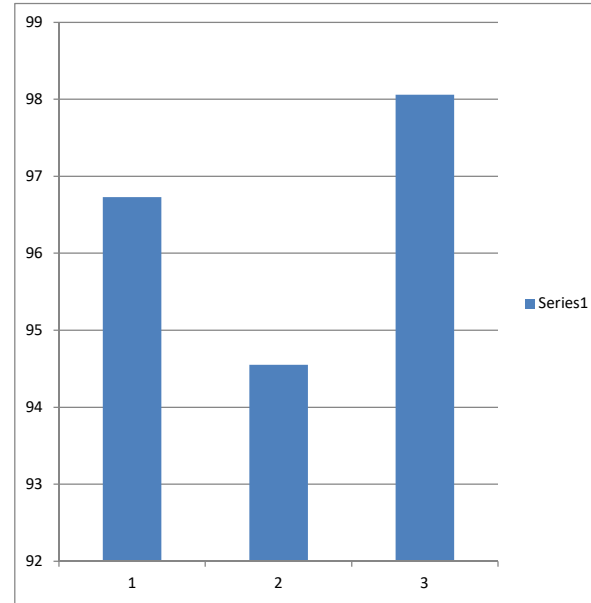
### Course Outcome Analysis Report for NAAC

Electrical	Electrical Utilization
------------	------------------------

Sr No	Course Outcome	Percentage
1	Student will able to identify a heating/ welding scheme for a given application	96.73
2	Student will able to maintain/ Trouble shoot various lamps and fittings in use	94.55
3	Student will able to design a suitable scheme of speed control for the traction systems	98.06

Average Percentage

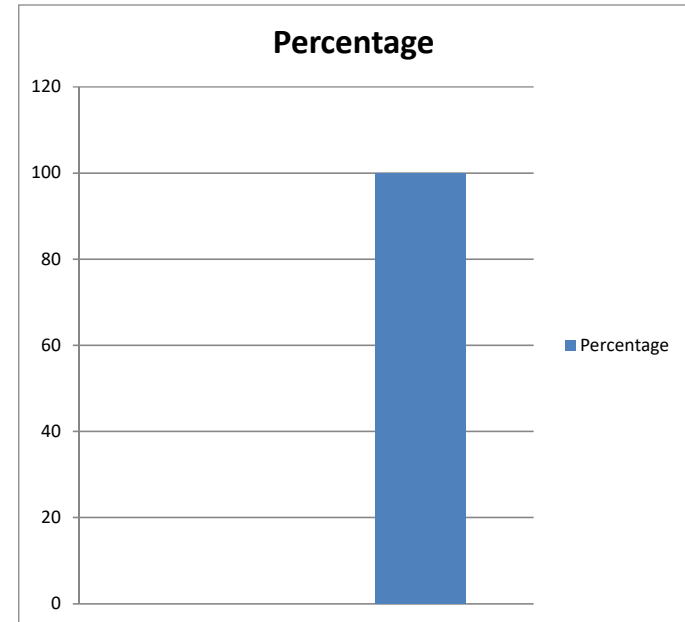
96.45



### Course Outcome Analysis Report for NAAC

Electrical	PLC and SCADA
------------	---------------

Sr No	Course Outcome	Percentage
1	Student will be able to get the in-depth understanding of programming of PLC, basic SCADA system architecture and the evolution of SCADA protocols	100



Average Percentage

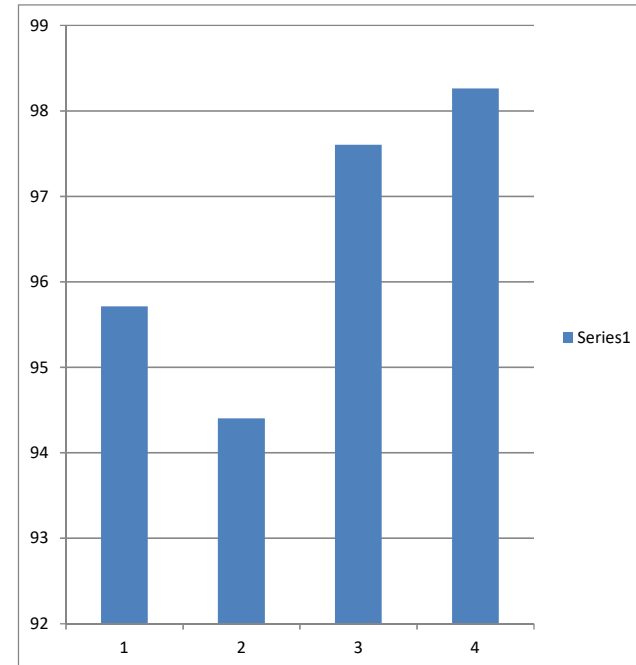
100



### Course Outcome Analysis Report for NAAC

Electrical	Energy Audit & Management
------------	---------------------------

Sr No	Course Outcome	Percentage
1	Analyze and understand energy consumption patterns and environmental impacts and mitigation method	95.71
2	Listing various energy conservation measures for various processes	94.4
3	Students can carry out preliminary audits	97.6
4	Can work out economic feasibility of encon option	98.26



Average Percentage

96.4925

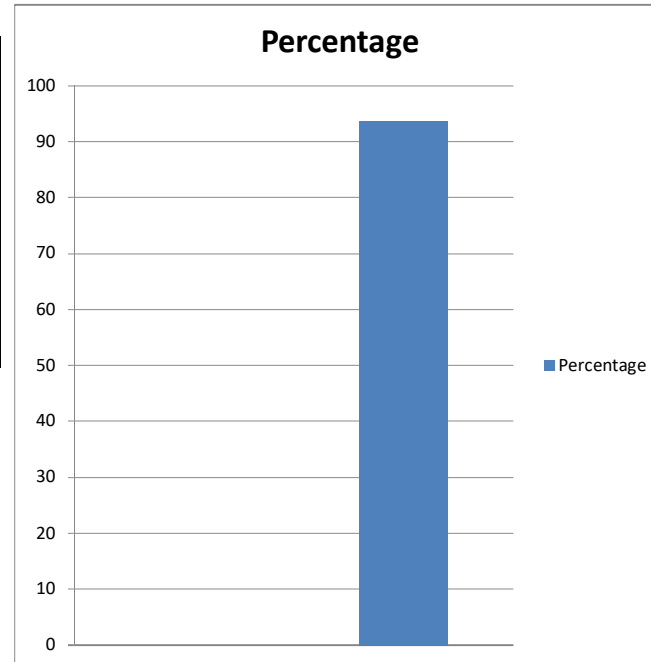
### Course Outcome Analysis Report for NAAC

Electrical	Flexible AC Transmission System and HVDC Transmission
------------	---

Sr No	Course Outcome	Percentage
1	Student will be able to get the in-depth understanding the devices of power stability & Reactive power compensation	93.58

Average Percentage

93.58

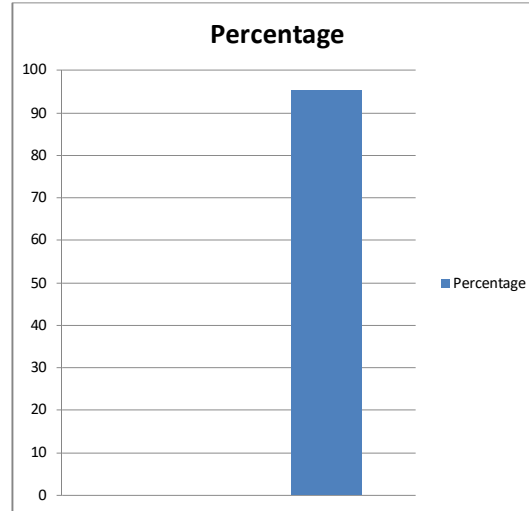


### Course Outcome Analysis Report for NAAC

Electrical	Electrical Installation, Testing and Maintenance
------------	--

Sr No	Course Outcome	Percentage
1	Students able to learn the testing of various electrical equipment	95

**Average Percentage** 95



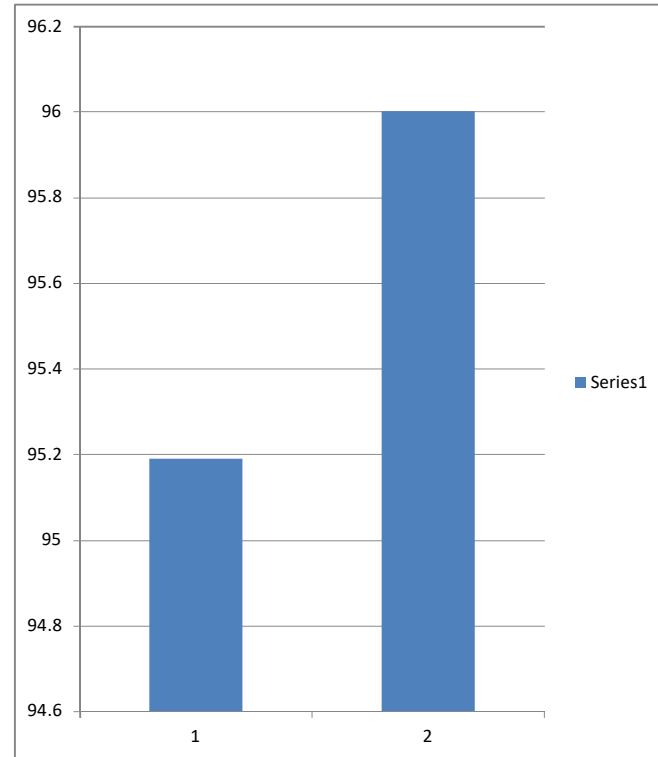
### Course Outcome Analysis Report for NAAC

Electrical	Power System Operation & Control
------------	----------------------------------

Sr No	Course Outcome	Percentage
1	Student will able to familiar with real and reactive power control	95.19
2	Students will able to familiar with control of power flow in the Generation, transmission and distribution	96

Average Percentage

95.595



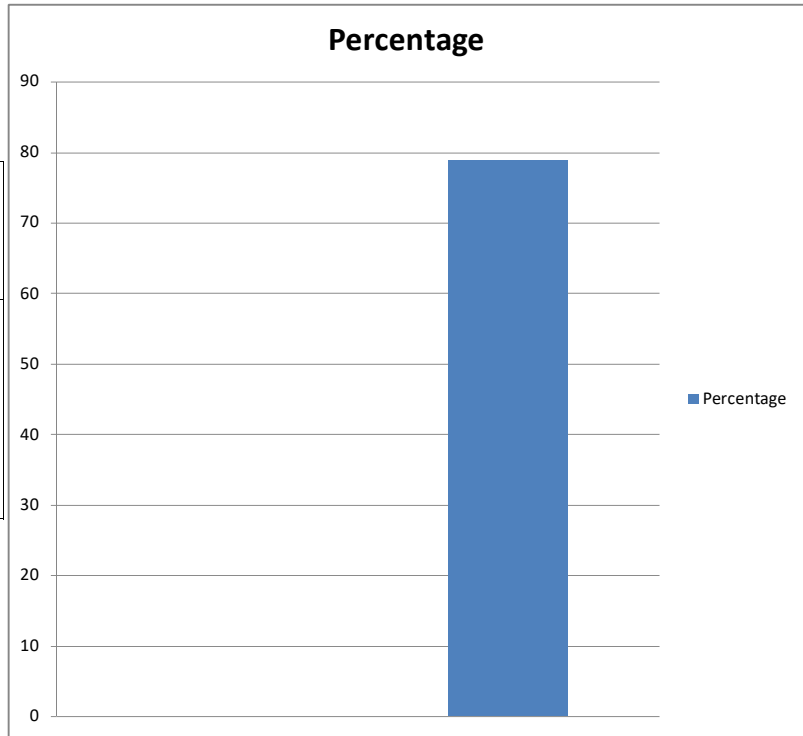
### Course Outcome Analysis Report for NAAC

Electrical	High Voltage Engineering
------------	--------------------------

Sr No	Course Outcome	Percentage
1	Student will able to handle the equipment in power system as well as high voltage laboratories	78.86

Average Percentage

78.86





### Course Outcome Analysis Report for NAAC

Electrical	Power Quality
------------	---------------

Sr No	Course Outcome	Percentage
1	Student will be able to get the in-depth understanding of power quality issues & standards	96.09

Average Percentage

96.09

