KBC North Maharashtra University, Jalgaon

Class: **T. Y. B. Sc.**

Subject: **Electronics**

Choice Base Credit System (With effect from June 2020)

The Board of Studies in Electronics in its meeting has unanimously accepted the revised syllabus (as per CBCS pattern) prepared by different committees, discussed, and finalized for T.Y.B.Sc. The titles of the papers for T.Y.B.Sc. (Electronics) are as given below:

Structure of curriculum of T. Y. B. Sc. (Electronics)

Semester V

Discipline	Course Type	Course Code	Course title	Credits	Hours/week (Clock hours)	Total Teaching hours	Marks (Total 100)	
							CA	UA
DSC	Core I	ELE-501	Semiconductor Electronics	3	3	45	40	60
	Core II	ELE -502	Advanced Digital System Design using VHDL	3	3	45	40	60
	Core III	ELE-503	Advanced Microprocessors	3	3	45	40	60
	Core IV	ELE-504	Electronic Instrumentation	3	3	45	40	60
DSC Skill Enhancement Course (SEC)	Skill Based	ELE-505	Medical Electronics	3	3	45	40	60
DSC Elective course	Elective Course (Any one)	ELE-506 (A)	Embedded C	3	3	45	40	60
		ELE-506 (B)	Basics Fiber Optic Communication					
DSC	Core (Practical)	ELE-507	Practical Lab I	2	4 (per batch)	60	40	60
		ELE-508	Practical Lab II	2	4 (per batch)	60	40	60
		ELE-509	Project Part I	2	4 (per batch)	60	40	60
Non Credit Audit Course	Elective audit course (Any one)	AC-501 : A	NSS	No credit	2	30	100	--
		AC-501 : B	NCC					
		AC-501 : C	Sports					

Semester VI

Discipline	Course Type	Course Code	Course title	Credits	Hours/week (Clock hours)	Total Teaching hours	Marks (Total 100)	
							CA	UA
DSC	Core I	ELE-601	Power Electronics	3	3	45	40	60
	Core II	ELE-602	Consumer Electronics	3	3	45	40	60
	Core III	ELE-603	Microprocessor Interfacing Techniques	3	3	45	40	60
	Core IV	ELE-604	Computer Network	3	3	45	40	60
DSC Skill Enhancement Course (SEC)	Skill Based	ELE-605	Embedded Systems	3	3	45	40	60
DSC Elective Course	Elective Course (Any one)	ELE-606 (A)	Electrodynamics	3	3	45	40	60
		ELE-606 (B)	Antenna & Wave Propagation					
DSC	Core (Practical)	ELE-607	Practical Lab I	2	4 (per batch)	60	40	60
		ELE-608	Practical Lab II	2	4 (per batch)	60	40	60
		ELE-609	Project Part II	2	4 (per batch)	60	40	60
Non Credit Audit Course	Elective audit course (Any one)	AC-601 : A	Soft skill	No credit	2	30	100	--
		AC-601 : B	Yoga					
		AC-601 : C	Practicing Cleanliness					

CA: Class assessment (Internal examination); UA: University assessment

Note: ***The Study tour: Industrial visit/Research lab visit is compulsory for the students of T.Y.B.Sc. (Electronics)***

Lewa Educational Unions'

Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon

NAAC Accredited 'A' Grade (3rd cycle) with CGPA 3.12 | ISO 9001:2015 Certified Institution

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Department Of Electronics
Industrial Visit Report

Name of the Industry Visited: Soyo Systems,Jalgaon
Date of Visit: 27st April 2023
Beneficiaries: 9 Students

Department of Electronics has organized an Industrial Visit at Soyo Systems, MIDC, Jalgaon. This visit is conducted under the MoU with Soyo Systems, Jalgaon. Soyo Systems, Jalgaon is engaged in engineering, design, manufacturing, supply and installation of solar photovoltaic power plants, solar water pumping systems, solar water heating systems projects and Solar home lighting systems. Total 09 students of S.Y.B.Sc. Electronics have taken active participation in this visit. Project Engineer Shri. Ravi Sonawane gave the detailed information of the manufacturing units of various products and have answered the doubt and queries of students.

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Head
Dept. of Electronics
Dr. Annasaheb G. D. Bendale
Mahila Mahavidyalaya, Jalgaon

An ISO 9001 : 2015 COMPANY

soyo Systems

Solar | Inverter | UPS | Battery | LED

Fact. : M-91, M.I.D.C. Area, Near Godavari Engg. College, Jalgaon - 425003 (M.S.). Ph. : 0257 - 2210132, 2210193, 2272784. Fax. : 0257 - 2271276

E-mail : soyopower@gmail.com **Web site :** www.soyosystems.co.in

Certificate

This is to certify that the students, whose details are attached herewith, have undergone an industrial visit at Soyo Systems, Jalgaon.

Name of Institute :- Dr. Annasaheb G D Bendale Mahila Mahavidyalaya, Jalgaon

Discipline :- B.Sc. Electronics

Topic/Subject :- Industrial Visit at "Soyo Systems, Jalgaon"

Date of Visit :- 27/04/2023

They had successfully completed training, during this visit period we found they were sincere and hard working.

The response of the students was good.

SOYO SYSTEMS, M-91 MIDC, JALGAON

For SOYO SYSTEMS

Authorized Signatory

Dr. Annasaheb G. D. Bendale Mahila Mahavidyalaya, Jalgaon.
Department of Electronics

Name of the Activity: Industrial Visit at Soyo Systems, Jalgaon

Sr. No.	Name	Dt. Sign
1.	Lakshmi kiran Waykole	
2)	Zoya Jamir Shaikh	
3)	Sangita vilas shirsade	
4)	Chanchal manoj Chaudhari	
5)	Saloni Yusuf Tadavi	
6)	Pealakta Sanjay Supe	
7)	Tejaswini Yuvraj mare	
8)	Harshali vijay chaudhari	
9)	Nikita Yanish Kharche	

SOYO SYSTEMS, M-91 M.I.D.C. SOYO JALGAON