

# Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science, Wardha)

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

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Uni. College No.: 652

Jr. College No.: 07-01-003

Ref No. BCS/ /2022-2023

Date: 08/10/2022

The meeting of Board of Studies in Electronics was convened online on **October 07, 2022** at **1 PM** to discuss and approve the following agenda.

- Welcome to the members of BoS.
- To approve the scheme of teaching and examination for B. Sc. Electronics, Sem I and SEM II with reference to NEP2020.
- To discuss and approve syllabus of B.Sc. I (Semester I & II) from academic session 2022-23 with reference to NEP2020.
- Any other point with the permission of the chair and Vote of Thanks.

The Chairman, BoS in Electronics address the meeting online and following members attended the meeting online.

1.	Dr V V Shinde	Chairman
2.	Dr S R Sharma	VC nominee
3.	Dr M S Zambare	Subject Expert
4.	Mr. Rajaykumar Dahake	Industry Expert
5.	Dr Mrs. S M Giripunje	Meritorious Alumnus
6.	Dr. V M Ghodki	Faculty Member
7.	Dr. P A Saudagar	Faculty Member

Dr B T Jadhao, Subject Expert, Dept. of Electronics, Yashwantrao Chavan Institute of Science, Satara - 415001 could not join the online meeting.

The meeting was opened for discussion with reference to above agenda.

7-10-22

07-10-22

**AGENDA ITEM 1:** Welcome to the members of BoS in Electronics.

The chairman, BoS in Electronics welcomed all the members of BoS.

**AGENDA ITEM 2:** To approve the scheme of teaching and examination for B. Sc. Electronics, Sem I and SEM II with reference to NEP2020.

With reference to NEP 2020, the college NEP committee evolved the new teaching and examination scheme to be implemented from the academic session 2022-23 for B.Sc. SEM I & II. The chairman, BoS in Electronics opened the discussion for the scheme of teaching and examination for B. Sc. Electronics. The scheme of teaching and examination was discussed in detail and approved for implementation from this academic session with reference to NEP2020.

**AGENDA ITEM 3:** To discuss and approve syllabus of B.Sc. I (Semester I & II) from academic session 2022-23 with reference to NEP2020.

The chairman, BoS in Electronics opened the discussion for UG syllabus of SEM I & II be implemented from 2022-23 academic session for all members of BoS present online. The syllabus was discussed in detail and approved for implementation from this academic session.

The chairman, BoS in Electronics requested all the members to send their valuable suggestions to the board for any improvement in the curriculum and any other aspect which they feel important for the development of this subject in the college for the better prospects of students in near future with reference to guidelines of NEP 2020.

**AGENDA ITEM 4:** Any other point with the permission of the chair and vote of thanks.

Dr P A Saudagar, Member of BoS in Electronics thanks all the members of this board for attending the meeting online and for their continuous support and valuable suggestions to this BoS.

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7.10.22

Shiksha Mandal's  
**Bajaj College of Science, Wardha**  
 Department of Electronics  
**BoS Meeting Held on 07.10.2022(Online)**

**CREDIT CALCULATIONS**

PARTICULARS	THEORY	TUTORIAL	PRACTICAL
Duration	48 Minutes	48 Minutes	48 Minutes
Credits	0.8	0.8	0.4

Abbreviations: TH: Theory, TU: Tutorial, CE: Continuous Internal

**Continuous Internal Evaluation**

**Theory:**

Sl. No.	Evaluation type
1	Session
2	Quiz Tests
3	Assignments
4	Overall Performance (Based on overall conduct as a responsible member, reviews, seminars, presentations, skill development, laboratory reports, assignments, projects, active participation in meetings, etc.)

**Dept Scheme for Teaching, Evaluation and Discipline**

**Computation of Semester Grade Point Average (SGPA) for a semester**

$$SGPA = \frac{\sum \text{Credits in the subject} \times \text{Grade points of the subject}}{\text{Total credits in the semester}}$$

**Computation of Cumulative Grade Point Average (CGPA) after completion of a semester**

Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V					
Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA

$$CGPA = \frac{\sum (\text{Credits} \times \text{SGPA})}{\text{Total credits in the program}}$$





**Shiksha Mandal's**  
**Bajaj College of Science, Wardha (Autonomous)**  
 (Formerly, Jankidevi Bajaj College of Science, Wardha)  
**Affiliated to RTM Nagpur University, Nagpur.**

**Teaching and Examination Scheme**  
**Bachelor of Science (B. Sc.) Three Year (Six Semesters)**  
**Degree Course**  
**Semester I and II**

**Subject: Electronics**  
**(w.e.f. Academic Session 2022-23)**

No. of Paper: **One** Max. Marks : 120  
 (Contineous Internal Evaluation: 20, End Semester Exam: 100)

No. of Practical: **One** Max. Marks for Practical: 30  
 (End Semester Exam: 30)

No. of Lectures, Tutorials and Practicals (per week):  
 B. Sc. I : 4 Theory, 2 Activity, 1 Tutorial/Batch, and  
 6 Practical/Batch.

**Scheme**

TEACHING SCHEME (CREDITS)				
THEORY	ACTIVITY	TUTORIAL	PRACTICAL	TOTAL CREDITS
4	2	1	6	7.2

SCHEME OF EXAMINATION						
DURATION (HRS)	THEORY MAX MARKS	CIE MAX MARKS	PRACTICAL MAX MARKS	TOTAL MARKS	TH + CIE MIN MARKS	PRACTICAL MIN MARKS
3	100	20	30	150	48	12

*Department of Electronics, Bajaj College of Science, Wardha - 442001.*

*[Handwritten Signature]*

*7.11.22*

*(5/3) 03/10/2022*

CREDIT CALCULATIONS				
PARTICULARS	THEORY	TUTORIAL	PRACTICAL	ACTIVITY
Duration	48 Minutes	48 Minutes	48 Minutes	48 Minutes
Credit	0.8	0.8	0.4	0.4

Abbreviations: TH: Theory, TU: Tutorial, CIE: Continuous Internal Evaluation

### Continuous Internal Evaluation

#### Theory:

SN	Evaluation type	Marks
1	Seminar	5
2	Unit Test(s)	5
3	Assignments	5
4	Overall Performance (based on overall conduct as a responsible learner, manners, sincerity, skill in articulation, leadership qualities demonstrated through organizing, co-curricular activities, active participation in routine class, etc.)	5

### GRADE AWARDS

Seven point rating scale is used for the evaluation of the performance of the students to provide letter grade for each course.

Range of percentage of Marks obtained	Grade Points	Grade	Remark (Not to be displayed on the transcripts)
136 - 150	10	O	Outstanding
121 - 135	9	A+	Excellent
106 - 120	8	A	Very Good
91 - 105	7	B+	Good
76 - 90	6	B	Fair
61 - 75	5	C	Average
= 60	4	P	Below Average
< 60	0	F	Fail
Absent	0	AB	Fail

(Note: In case, the marks scored by the student fall in multiple grades, higher grade will be considered in the interest of the student)

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7.10.22

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07/10/2022

Computation of Semester Grade Point Average (SGPA) for each semester:

$$\text{SGPA} = \frac{\sum \text{Credits in the subject} \times \text{Grade points obtained}}{\text{Total credits in the semester}}$$

Computation of Cumulative Grade Point Average (CGPA) after completion of Program:

Sem-I		Sem-II		Sem-III		Sem-IV		Sem-V		Sem-VI	
Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA

$$\text{CGPA} = \frac{\sum (\text{Credits} \times \text{SGPA})}{\text{Total credits in the program}}$$



W  
7.10.22

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07/10/2022