



The National Education Society of Karnataka (Regd.)  
Basavanagudi, Bengaluru-04

## THE NATIONAL COLLEGE

(AUTONOMOUS)

Jayanagar, Bengaluru-560070

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### DEPARTMENT OF ELECTRONICS

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**Proceedings of the BOS**

**Held on**

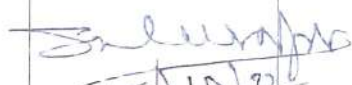
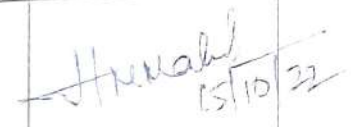

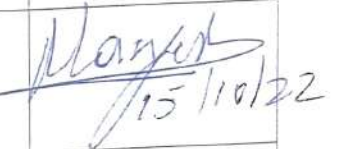
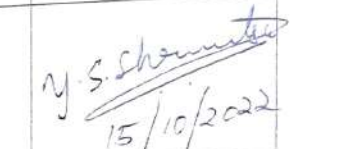
**15<sup>TH</sup> OCTOBER 2022**

# THE NATIONAL COLLEGE

AUTONOMOUS  
JAYANAGARA, BENGALURU - 70

## DEPARTMENT OF ELECTRONICS

Meeting of the Board of studies  
Held on 15<sup>th</sup> October 2022

SL NO	NAME	DESIGNATION	SIGNATURE
1	CHELUVAPPA.S. Associate Professor and H.O.D of Electronics The National College Jayanagar, Bengaluru-70	Chairman	 15/10/22
2	Dr.H M MAHESH Professor, Department of Electronic Science, Bangalore University, Jnana Bharathi, Bangalore - 560056	University Nominee	 15/10/22
3	MAHADEVA.M Associate Professor, Department of Electronics The National College Jayanagar, Bengaluru-70	Faculty Member	 17. Mahadeva
4	Dr. MANJESH Professor And Chairman Department of Electronic Science J.B. Campus, Bangalore University, Bengaluru	Subject Expert	 15/10/22
5	Dr.UMA ULLAS PRADHAN Associate Professor Centre for Incubation and Research and Consultancy Jyothi Institute of Technology, Bengaluru 82.	Subject Expert	
6	Sri VIKAS SHASTRI. Product Development Engineer. Intel Technology India Pvt Ltd, Bengaluru	Industry Representative	
7	Sri SHREEVATSA Senior Engineer. Bosch Global Software Technologies Pvt Ltd, Bengaluru.	Alumni Representative	 15/10/2022

# THE NATIONAL COLLEGE

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## DEPARTMENT OF ELECTRONICS

### Proceedings of the Meeting of the Board of studies Held on 15<sup>th</sup> October 2022

A meeting of the B.O.S was held in the Board Room, The National College, Jayanagar on Saturday 15<sup>th</sup> October 2022 at 11.30 A.M. Sri. Cheluvappa S , Chairman and H.O.D of Electronics, The National College Jayanagar welcomed the members. He read the proceedings of the last meeting of the Board of studies held on 6<sup>th</sup> November 2021. He presented the revised draft syllabus for the Third and Fourth Semesters of Autonomous Electronics Course from 2022-2023 onwards. Exhaustive discussion were made .Finally, it was decided to adopt the syllabus approved by the Board of Studies Department of Electronic Science of Bangalore University, for 3<sup>rd</sup> and 4<sup>th</sup> semesters of the B Sc Electronics Course with minor modifications

#### RESOLUTIONS

1. The BOS unanimously agreed to adapt the B.Sc Electronics Syllabus of Bangalore university with minor modifications.
2. It was suggested to rearrange the units of third semester open elective course 'Applications of Electronics I'.
3. Dr Manjesh, professor, Department of Electronics Sciences, Bangalore University Jnana Bharathi, Bangalore, suggested to include Amplifiers and Oscillators in the 4<sup>th</sup> unit of Third semester open elective course 'Applications of Electronics I' instead of Calculators.
4. The suggested modifications were incorporated in the syllabus.
5. The BOS finally approved the structure and modified syllabus.
6. The BOS also decided to approve The Board of Examiners (BoE) panel for the academic year 2022-2023.
7. Chairman finally thanked the members for their co-operation.

  
CHELUVAPPA .S

Head of The Dept of Electro  
The National College,  
(Autonomous)  
Jayanagar, Bengaluru - 560 0

Date: 15-10-2022

# THE NATIONAL COLLEGE

AUTONOMOUS

Jayanagar, Bengaluru-70

## DEPARTMENT OF ELECTRONICS

COURSE PATTERN AND SCHEME OF EXAMINATION for  
B.Sc. / B.Sc. (Hons.) as per NEP (2022-23 and onwards)

Sl No	Semester	Title of the Paper	Teaching Hours	Hours /week		Examination Pattern Max.Marks /Paper				Duration Of Exam (hours)		Total Marks / paper	Theory Credits	Practical Credits
				Theory	Practical	Theory		Practical		Theory	Practical			
						Exam	IA	Exam	IA					
1	III	3SELE3T: Programming in C and Digital design using Verilog	56	4	4	60	40	25	25	3	4	150	4	2
		3ELEOE 3.1/3.2/3.3/3.4	42	3	-	60	40	-	-	3*	-	100	3	
2	IV	4SELE4T: Electronic Communication -I	56	4	4	60	40	25	25	3	4	150	4	2
		4ELEOE 4.1/4.2/4.3	42	3	-	60	40	-	-	3*	-	100	3	

  
15/10/2022

Head of The Dept of Electronics  
The National College,  
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Jayanagar, Bengaluru - 560 070