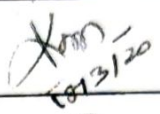
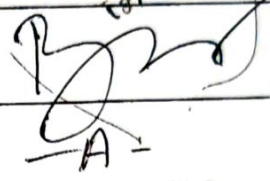

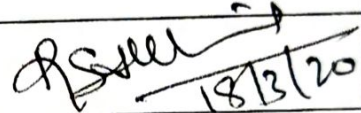
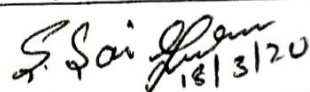
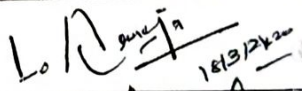
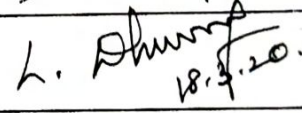
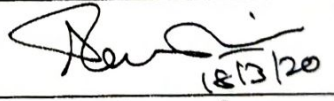
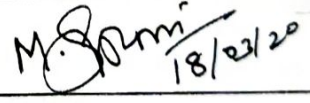




DEPARTMENT OF ELECTRONICS AND COMMUNICATION

MINUTES OF BOARD OF STUDIES

The members of the board unanimously passed the following resolution.  
"Resolved that the syllabus for B.Sc., Electronics and Communication be approved for adoption with the recommended modifications w.e.f. academic year 2020-21 onwards".

Members of the board duly approved the syllabus for Electronics and Communication.


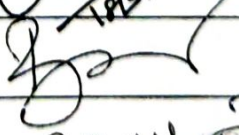
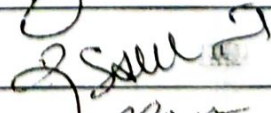

S.No	Name and Designation	Signature with Date
1.	<b>Dr.K.M.Prabusankarlal</b> Chairman -BoS	 18/3/20
2.	<b>Dr.P.Gowrisankar,</b> Member - Academic Council	
3.	<b>Dr.J.Vijayakumar ,</b> Member - Academic Council	
4.	<b>Dr.R.Sakthivel,</b> Member- Vice Chancellor	 18/3/20
5.	<b>Mr.S.Saiguru Srinivasan,</b> Member Representing Industry	 18/3/20
6.	<b>Dr.L.Arunraja,</b> Member	 18/3/20
7.	<b>Mr.L.Dhatchinamurthy,</b> Member	 18.3.20.
8.	<b>Mr.S.Karthikeyan,</b> Member	 18/3/20
9.	<b>Ms.M.Sethupoobathi,</b> Member	 18/03/20
10.	<b>Ms.K.Shanthikala,</b> Member	 18/03/20

  
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## ANNEXURE I

S.NO	Papers	Semester	Modifications
1.	Core VIII: Embedded Systems	V	Include Some Application Topics in Unit -V
2.	Core IX: Arduino and IOT	V	Add Big Data Analytics topic
3.	Core Practical VIII	V	Include IoT Based experiments.
4.	Core X: Mobile and Cellular Communication	VI	In Unit-III Add Bluetooth and Zigbee Principle

S.NO	Introduction of New Papers	Semester	Features
1.	Core IX: Arduino and Internet of Things	V	Paper contains basic information about Arduino and Principles of IoT.
2.	Core Practical VII: Arduino and IoT Lab	V	In this Practical Paper gives idea about the real time applications.
3.	ALC I: Pattern Recognition	V	Gives an idea about the process of recognizing patterns by using machine learning algorithm.
4.	ALC II: Artificial Intelligence for Agriculture.	V	In this paper efficiency and reduce environmental hostile impacts in agriculture using artificial intelligence.
5.	Elective I: Sensors and Transducers	V	In this paper, study about the basic principle, functions , types and applications of Sensors
6.	Elective II: Microwave and Fiber Optic Communication	V	Gives an idea about the wireless and optical communication technologies.
7.	Elective III: Intelligent Instrumentation	VI	Gives an idea about the signal processing and data manipulation algorithms to measurement.
8.	Elective IV: Robotics	VI	Learn the functions and principles of the robotics in the real time applications.
9.	SBC IV: PLC and SCADA	IV	This paper gives basic idea about PLC and SCADA and its industrial applications.

S.No	Name and Designation	Signature with Date
1.	<b>Dr.K.M.Prabusankarlal</b> Chairman -BoS	 12/15/2020
2.	<b>Dr.P.Gowrisankar,</b> Member - Academic Council	
3.	<b>Dr.R.Sakthivel,</b> Member- Vice Chancellor	
4.	<b>Mr.S.Saiguru Srinivasan,</b> Member Representing Industry	

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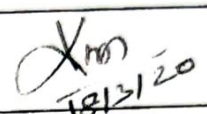
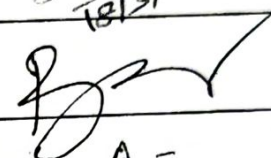
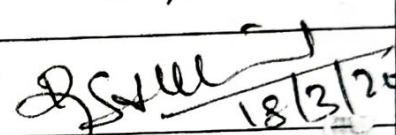
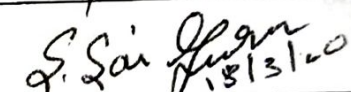
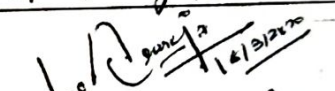
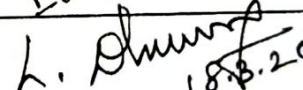
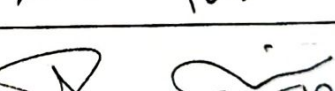

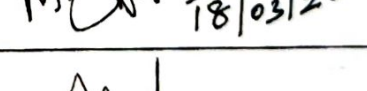

**K.S.RANGASAMY COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**TIRUCHENGODE - 637 215**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

The Board of Studies for Electronics and Communication held on 18.03.2020 at 10.00 AM in the Mini A/C Gallery Hall, K.S.Rangasamy College of Arts And Science (Autonomous), Tiruchengode to approve the syllabus with effect from the academic year 2020-21.

**MEMBERS PRESENT**

S.No	Name and Designation	Signature with Date
1.	<b>Dr.K.M.Prabusankarlal</b> Chairman -BoS	 18/3/20
2.	<b>Dr.P.Gowrisankar,</b> Member - Academic Council	 - A -
3.	<b>Dr.J.Vijayakumar ,</b> Member - Academic Council	 18/3/20
4.	<b>Dr.R.Sakthivel,</b> Member- Vice Chancellor	 18/3/20
5.	<b>Mr.S.Saiguru Srinivasan,</b> Member Representing Industry	 18/3/20
6.	<b>Dr.L.Arunraja,</b> Member	 18/3/20
7.	<b>Mr.L.Dhatchinamurthy,</b> Member	 18.3.20.
8.	<b>Mr.S.Karthikeyan,</b> Member	 18/3/20
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10.	<b>Ms.K.Shanthikala,</b> Member	 18/03/20






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**K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
TIRUCHENGODE-637215  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

The Board of Studies for Electronics and Communication is scheduled on 18<sup>th</sup> March 2020 at 10.00 AM in the Mini A/C Gallery Hall, K.S.Rangasamy College of Arts And Science (Autonomous), Tiruchengode to approve the syllabus with effect from the academic year 2020-2021.

  
(Dr.K.M.Prabusankaral)

**Members:**

1.	<b>Dr.L.Arunraja</b> Assistant Professor, Department of Electronics and Communication, K.S.Rangasamy College of Arts And Science Tiruchengode -15	
2.	<b>Mr.L.Dhatchinamurthy</b> Assistant Professor, Department of Electronics and Communication, K.S.Rangasamy College of Arts And Science Tiruchengode -15	
3.	<b>Mr.S.Karthikeyan</b> Assistant Professor, Department of Electronics and Communication K.S.Rangasamy College of Arts And Science Tiruchengode -15	
4.	<b>Ms.M.Sethupoobathi</b> Assistant Professor, Department of Electronics and Communication, K.S.Rangasamy College of Arts and Science, Tiruchengode -15	
5.	<b>Ms.K.Shanthikala</b> Assistant Professor, Department of Electronics and Communication, K.S.Rangasamy College of Arts and Science, Tiruchengode -15	

  
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