

**St.Joseph's College of Engineering and TEchnology, Palai**  
**Department of Electronics and Communication Engineering**

List of subjects - Even semester 2022-23

Semester & Branch	Name of the subject	Subject Code
S2 EC	Basics of Electrical & Electronics Engineering - Part B	EST130
	Electronics Engineering Workshop - Part B	ESL130
	Professional Communication	HUN 102
	Programming in C	EST 102
S2 ECS	Basics of Electrical & Electronics Engineering - Part B	EST130
	Electronics Engineering Workshop - Part B	ESL130
S2 CS A&B	Basics of Electrical & Electronics Engineering - Part B	EST130
	Electronics Engineering Workshop - Part B	ESL130
S2 EE	Basics of Electrical & Electronics Engineering - Part B	EST130
	Electronics Engineering Workshop - Part B	ESL130
S4 EC (including minor & honours)	Analog Circuits	ECT 202
	Signals and Systems	ECT 204
	Computer Architecture & Microcontrollers	ECT 206
	Design & Engineering	EST200
	Constitution of India	MCN202
	Nano Electronics (Honours)	ECT292
	Microcontroller (Minor) (VLSI & ES Basket)	ECT282
	Analog Circuits & Simulation Lab	ECL 202
	Microcontroller Lab	ECL204
	Placement	
S4-CS A&B	Digital Lab	CSL203
S6-ECE A&B	Electromagnetics	ECT302
	VLSI Circuit Design	ECT304
	Information Theory and Coding	ECT306
	PROGRAM ELECTIVE I # Power Electronics/Embedded Systems / Introduction to MEMS	ECT 322/ECT 342/ECT362
	Management for Engineers	HUT 310
	Comprehensive Course Work	ECT308

	Mechatronics Minor - Advanced Automation System	MRT 384
	(Minor VLSI & ES basket) - VLSI Circuits	ECT382
	(Honours) ELECTRONIC DESIGN AUTOMATION	ECT394
	Communication Lab	ECL332
	MINI PROJECT	ECL334
	Placement	
S8-ECE	Wireless Communication	ECT402
	Program Elective III # (Biomedical Engg/ Satellite Communication/ Secure Communication)	ECT 414/ ECT 424/ ECT 434/
	Program Elective IV #(Modern communication Systems/ RTOS/Analog CMOS Design)	ECT 416/ ECT 426/ ECT 466/ ECT 476
	Program Elective V#(Mechatronics/ Low power VLSI /Renewable Energy Systems)	ECT 418/ ECT 438/ECT 448/ ECT 458/ECT 468
	Comprehensive Viva Voce	ECT 404
	PROJECT PHASE II	ECD 416
	MINIPROJECT (S8 Honours)	ECD 496

#### PG Program (VLSI & ES)

MTech S2-VLSI	FOUNDATIONS OF DATA SCIENCE	222TEC100
	ANALOG VLSI DESIGN	222TEC004
	PROGRAM ELECTIVE 3* (Embedded System Design/SoC Design/Embedded networking)	22EEC 038 /22EEC043/222EEC035
	PROGRAM ELECTIVE 4*(VLSI SYSTEM TESTING/Low power VLSI)	22EEC041/ 22EEC040
	INDUSTRY/ INTERDISCIPLINARY ELECTIVE (MEMS AND Sensors/Automotive Electronics)	22EEC084/222EEC083
	Mini Project	222PEC100
	Design LaB II	222LEC003
MTech S4-VLSI	Project Phase-II	04EC7594

# Maximum two subjects (awaiting final confirmation)

\* Any one subject (awaiting final confirmation)

  
13.01.23

**HoD ECE**



# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**File No:**

## Subject Preference Form

Name of the faculty

: SABARINATH.G

Designation

: ASST PROFESSOR

Employee Code

: 03ECE008

### Theory Courses

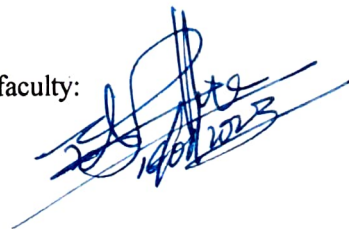
Sl No	UG /PG	Semester	Program	Course code	Name of the Course	Reason for Preference
1	UG	S8	EC	ECT434	Secure Communication	
2	UG	S2	EC	EST130	BASICS OF ELECTRONICS	
3	UG	S2	ECS	EST130	BASICS OF ELECTRONICS	
4	UG	S6	EC	ECT302	ELECTROMAGNETICS	

### Laboratory Courses

Sl No	UG /PG	Semester	Program	Course code	Name of the Course	Reason for Preference
1	UG	S2	EC	ESL130	ELECTRONIC WORKSHOP	
2						
3						
4						

Date: 16/01/2023

Signature of the faculty:





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**Theory Courses Allotted**

<u>Sl No</u>	<u>UG /PG</u>	<u>Semester</u>	<u>Program</u>	<u>Course code</u>	<u>Name of the Course</u>	<u>Remarks of HoD (If any)</u>
<u>1</u>	UG	S6 ECDA+B	B-tech	EET 302	Electromagnetics	
<u>2</u>						
<u>3</u>						

**Laboratory Courses Allotted**

<u>Sl No</u>	<u>UG /PG</u>	<u>Semester</u>	<u>Program</u>	<u>Course code</u>	<u>Name of the Course</u>	<u>Remarks of HoD (If any)</u>
<u>1</u>	UG	S2	B-tech EC + ECS	ESL 130	Electronics Engineering Workshop	
<u>2</u>						
<u>3</u>						

**Suggestions/ Comments by HoD (if any)**

19.01.23

**Signature of HoD**

**DEPARTMENT OF ECE, SJCTET PALAI**  
**SUBJECT ALLOTMENT FINAL - EVEN Semester 2022-23**

Sl. No.	NAME	THEORY COURSE	LAB COURSE
1	DR. MADHUKUMAR S (Vice Principal)		PROJECT PHASE -II - S4 MTECH- VLSI & ES MINI PROJECT S2 MTECH- VLSI & ES
2	Dr. ARUN P HoD ECE	EMBEDDED NETWORKING - S2 MTECH- VLSI & ES	PROJECT PHASE -II - S8 ECE PROJECT PHASE -II - MTECH S4 VLSI & ES
3	Mr.SABARINATH G	ELECROMAGNETICS - S6 ECE A&B	ELECTRONICS ENGINEERING WORKSHOP- S2 ECE & ECS
4	Ms.SUNITHA S PILLAI	COMPUTER ARCHITECTURE& MICROCONTROLLERS -S4 ECE BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING - PART B - S2 ECE	BASIC ELECTRONICS ENGINEERING WORKSHOP - S2 CS A DIGITAL LAB - S4 CS A
5	Dr.TOMSON DEVIS	WIRTELESS COMMUNICATION- S8 ECE COMPREHENSIVE VIVA VOCE - S8 ECE	BASIC ELECTRONICS ENGINEERING WORKSHOP- S2 EEE COMMUNICATION LAB - S6 EC A & B
6	Mr.SREESH P R	MEMS AND SENSORS - S2 M.TECH (INTERDISCIPLINARY) DESIGN AND ENGINEERING- S4 ECE & ECS	MINI PROJECT - S6 EC A MINI PROJECT - S2 MTECH- VLSI & ES
7	Ms.JUNEY M GEORGE	PROGRAMMING IN C- S2 EC RTOS S8 ECE	C PROGRAMMING LAB - S2 ECE ELECTRONICS ENGINEERING WORKSHOP- S2 CSE B MICROCONTROLLER LAB -S4 ECE
8	Ms.RINCY MERRIN VARKEY	VLSI CIRCUIT DESIGN- S6 ECE A & B COMPREHENSIVE COUSE WORK- S6 ECE A&B NANO ELECTRONICS (S4 HONOURS)	
9	Ms.NITHA M BIJU	ANALOG VLSI DESIGN- S2 M.TECH EMBEDDED SYSTEMS - S6 ELECTIVE COMPREHENSIVE COUSE WORK- S6 ECE A&B	MINI PROJECT-S6 EC B
10	Ms.SOYA TRESSA JOSE	VLSI CIRCUITS MINOR VLSI S6 ECE ANALOG CIRCUITS- S4 ECE	DIGITAL LAB S4 CS B ANALOG CIRCUITS AND SIMULATION LAB- S4 ECE
11	Mr.SANJU SEBASTIAN	INFORMATION THEORY AND CODING-S6 ECE A & B FOUNDATIONS OF DATA SCIENCE - S2 M.TECH COMPREHENSIVE VIVA VOCE - S8 ECE	MINI PROJECT - S8 HONOURS
12	Mr.ANTO MANUEL	INTRODUCTION TO MEMS- S6 ECE VLSI SYSTEM TESTING - S2 MTECH- VLSI	PROJECT PHASE - II -S8 ECE DESIGN LAB - II S2 MTECH
13	Ms.ANU JYOTHI	BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING - PART B S2 ECS & EEE MICROCONTROLLER - MINOR- VLSI -S4 B-Tech	ANALOG CIRCUITS AND SIMULATION LAB- S4 ECE COMMUNICATION LAB - S6 ECE B
14	Ms.VIJAYALESHMI G	SIGNALS AND SYSTEMS- S4 ECE BASICS OF ELECTRICAL & ELECTRONICS ENGINEERING - PART B S2 CSE A& B	COMMUNICATION LAB - S6 ECE A DIGITAL LAB - S4 CS B
15	Ms.SUMITHA JOSEPH	BIOMEDICAL ENGINEERING- PROGRM ELECTIVE- III S8 ECE ELECTRONIC DESIGN AND AUTOMATION- S6 EC HONOURS PLACEMENT- S4 ECE	MINI PROJECT -S6 EC A MICRO CONTROLLER LAB- S4 ECE
16	Ms.AMALA MATHEW	RENEWABLE ENERGY SYSTEMS-PROGRM ELECTIVE- V S8 ECE CONSTITUTION OF INDIA- S4 ECE PLACEMENT- S6 ECE A & B	MINI PROJECT -S6 EC B DIGITAL LAB S4 CS A C PROGRAMMING LAB - S2 EC

19/01/2023



*[Signature]*  
HoD/ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

File No: \_\_\_\_\_

Subject Preference Form

Name of the faculty  
Designation  
Employee Code

: Dr. Tomson Davis  
: Asst. Professor  
: 07ECE039

Theory Courses

Sl No	UG /PG	Semester	Program	Course code	Name of the Course	Reason for Preference
1	UG	8	BTech	ECT 402	Wireless Communication	Already Taken
2	UG	8	BTech	ECT 416	Modern Communication Systems	Already Taken
3	UG	6	BTech	ECT 308	Comprehensive Course	Interested
4	UG	8	BTech	ECT 404	Comprehensive Viva Voce	Interested

Laboratory Courses

Sl No	UG /PG	Semester	Program	Course code	Name of the Course	Reason for Preference
1	UG	6	BTech	ECL 334	Mini project	Interested
2	UG	6	BTech	ECL 332	Communication Lab	Already Taken
3	UG	4	BTech	ECL 202	Analog circuits & Simulata lab	Interested
4	UG	8	BTech	ECL 496	Miniproject (88 Honors)	Interested

Date: 13/1/2023

Signature of the faculty:

  
13/1/2023



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Theory Courses Allotted

<u>Sl No</u>	<u>UG /PG</u>	<u>Semester</u>	<u>Program</u>	<u>Course code</u>	<u>Name of the Course</u>	<u>Remarks of HoD (If any)</u>
1	Uu	3 <sup>rd</sup> EC	B-tech	ECT 402	Wireless communication	/
2	Uu	3 <sup>rd</sup> EC	B-tech	ECT 409	Comprehensive VIVA VOCE.	
3						

Laboratory Courses Allotted

<u>Sl No</u>	<u>UG /PG</u>	<u>Semester</u>	<u>Program</u>	<u>Course code</u>	<u>Name of the Course</u>	<u>Remarks of HoD (If any)</u>
1	Uu	5 <sup>th</sup> ECE	B-tech	ESL 130	Basic of electronics Sugg. workshop	/
2	Uu	5 <sup>th</sup> A & B	B-tech	ECL 332	communication lab,	
3						

**Suggestions/ Comments by HoD (if any)**

  
19.01.23  
**Signature of HoD**