

### 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years (10)

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering	Number of the student studied course on experiential learning through project work/field work/internship
<b>Civil Engineering</b>					
B.Tech	Civil Engineering	Project phase I	CED 415	2023-2024	34
B.Tech	Civil Engineering	Project phase II	CED 416	2023-2024	34
<b>Computer Science and Engineering</b>					
B.Tech	Computer Science and Engineering	Project phase I	CSD415	2023-2024	58
B.Tech	Computer Science and Engineering	Project Phase II	CSD416	2023-2024	58
B.Tech	Computer Science and Engineering	Mini Project	CSD334	2023-2024	58
M.Tech	Computer Science and Engineering	DISSERTATION PHASE I	223PCS100	2023-2024	7
M.Tech	Computer Science and Engineering	DISSERTATION PHASE II	224PCS100	2023-2024	7
<b>Electronics and Communication</b>					
B.Tech	Electronics and Communication	Project phase I	ECD 415	2023-2024	31
B.Tech	Electronics and Communication	Project phase II	ECD 416	2023-2024	31
M.Tech	Electronics and Communication	DISSERTATION PHASE I	223PEC100	2023-2024	5
M.Tech	Electronics and Communication	DISSERTATION PHASE II	224PEC100	2023-2024	5
<b>Electrical and Electronics</b>					
B.Tech	Electrical and Electronics Engineering	Project phase I	EED 415	2023-2024	41
B.Tech	Electrical and Electronics Engineering	Project phase II	EED 416	2023-2024	41
<b>Mechanical Engineering</b>					
B.Tech	Mechanical Engineering	Project phase I	MED 415	2023-2024	36
B.Tech	Mechanical Engineering	Project phase II	MED 416	2023-2024	36

PROGRAMME NAME	PROGRAM CODE	PROJECT TOPIC	NAME OF STUDENTS	NAME OF GUIDE
Mechanical Engineering	Btech	SOLAR AIR COOLER WITH AUTOTRACKING	Nasin Stejo Joel Frebin	Farhan V S
Mechanical Engineering	Btech	VORTEX BLADELESS WINDMILL POWER GENERATION SYSTEM	Akash Nadim Wasim Hrithwik	Anil D Koola
Mechanical Engineering	Btech	ADVANCED OBSTACLES LIFTING EQUIPMENT FOR EMERGENCY AND OFF-ROAD VEHICLES	Vidhul Neeraj Salman John	Mr. Aneesh A (HOD, ME)
Mechanical Engineering	Btech	FABRICATION AND DEVELOPMENT OF WHEEL CHAIR	Edward Fawas Fayas Chikku	Farhan V S
Mechanical Engineering	Btech	AUTOMATIC SOLAR IRRIGATION SYSTEM	Lubaib Nihad Hashir Mijo	Rahul Rajumohan
Mechanical Engineering	Btech	FABRICATION & DEVELOPMENT OF FOOD WASTE MANAGEMENT USING RENEWABLE ENERGY	Ameen Rahul Sanaj Jabhakumar	Rahul Rajumohan
Mechanical Engineering	Btech	INTEGRATED OIL SKIMMER AND SOLID WASTE COLLECTING SYSTEM	Sumith Abhinand Anujith Sreyas	Farhan V S
Mechanical Engineering	Btech	FABRICATION & DEVELOPMENT OF MULTIPURPOSE AGRICULTURE VEHICLE	Abhilash Vishnu Anwin Sachin	Pillu V Mohan
Mechanical Engineering	Btech	AUTOMATIC HAND BRAKE RELEASE WITH PNEUMATIC BUMPER AND BRAKING SYSTEM	Mridhul Alan Mahadevan Abin	Anagha T M
Civil Engineering	Btech	Experimental study on the manufacture of cement bricks using scrap metals and granites	JISMY JOHNY ALFIYA SALIM APARNA K G	Ms. ANU GEORGE
Civil Engineering	Btech	Sustainable concrete using sewage sludge ash and rice husk ash	SHIMNA JOSE V ANAGHA K S NISCHITHA M P	Ms. SEEMON S
Civil Engineering	Btech	Spatial and temporal analysis of historical rainfall patterns and its climate change impact on peechi dam catchment area	SANDHRA P S POWEL THOMAS FATHIMA ZULAF A V P AKSHAY SANKAR.K	Dr. P MAHADEVAN, Ms. SHAMNA ABDULLA
Civil Engineering	Btech	Parametric analysis of Diuagrid Structure with BIPV Panles using ETABS	ROSE CHARLY T SHIBASE S MECHERY FINTO FLADENTO RAIHANA A R	Ms. SRUTHI K CHANDRAN
Civil Engineering	Btech	Modified reactive active powder concrete using fly ash and glass powder	AMINA SHARBATH AMAL CHANDRAN ARUNRAJ NARAYANAN AYSHA R N	Ms. BEEMA BEEVI JALEEL
Civil Engineering	Btech	Experimental study of mechanical behaviour of sustainable concrete by using Artificial Aggregate	ATHULKRISHNA K M DEEPAK K N JITHINKRISHNA M S SHIYAS V M	Ms. AATHIRA REGHUNANDANAN
Civil Engineering	Btech	Healing the heavy metal contaminated soil using Phytoremediation	MUHSINA M MUNAVIR SREELEKSHMI SWETHA K V	Ms. ANJU E M
Civil Engineering	Btech	Estimation of carbon footprint in Alkali Axtivator Concrete	ABHAY T G ANAND KRISHNA A S NEERAJA SURESH SANDRA SANTHOSH	Ms. OSHIN ANN MATHEWS
Civil Engineering	Btech	Comparison and analysis of steel framed structure with different structural steel braces using ETABS	DELLA BYJU FARHAN ABDUL RASHEED R K RIZMA REHMAN K S SIVARANJINI M P	Ms. BEYOOLA WILSON
Electrical and Electronics Engineering	Btech	SMART ROOM	KEVIN SEVI SIJO A J NITHUN K K	Ms.Haritha

			OUSTIN BIJU RAHUL RANJITH K	
Electrical and Electronics Engineering	Btech	SUN EYES AND WHITE WAYS	JOYAL SUNNY STEBIN P B RAHUL SIDHARTH DENNIS IGNATIOUS K	Ms.Negma Iqbal
Electrical and Electronics Engineering	Btech	E- WHEEL	MRUDHULA P V NAVIN BABU NAMITHA C N EDISON VARGHESE	Ms.Anitha Mathew
Electrical and Electronics Engineering	Btech	SOLAR POWERED FULLY AUTOMATIC GRASS CUTTER (SMART AGEN)	EDWIN K L ASWIN A S GODWIN C S NANDHANA P R	Ms.Simitha K.M
Electrical and Electronics Engineering	Btech	EV GO	MOHAMMED ANAS V A AGNEL CHRISTY RAISON ANGIO JAMES SREEDEVI P S	Dr. John Chembukkavu
Electrical and Electronics Engineering	Btech	Energy production optimisation by positioning of solar panels&surveillance system with cleaning of panels	ABHINAV V R ABHISHEK J ALIYA K A AMAL NANDHAN C N	Ms.Simitha & Ms.Amalu Sunil
Electrical and Electronics Engineering	Btech	NIKKY,THE SMART ROBOT	LESLIN SHAJU HARIKRISHNAN T B SHABIR IBRAHIM K B SNEHA JOB	Ms.Anitha & Ms. Negma
Electrical and Electronics Engineering	Btech	SMART ATTENDANCE SYSTEM	ANGEL BENNY ARCHANA C B SUKANYA S MENON SWISHNA SHINE	Ms.Amalu Sunil
Electrical and Electronics Engineering	Btech	A MART AUTONOMOUS FLOOR CLEANSER WITH AN ABDROID BASED CONTROLLER	ABHISHEK P U JAYAKRISHNA M J MILTON JOHNSON VASUDEV KANNAN	Dr.John Chembukavu & Ms. Haritha
Electrical and Electronics Engineering	Btech	RECII-EV	KEBIN JOHN RINIL JACKO NEETHU KANNAN ANEESHA M P	Dr. John Chembukkavu
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	LONG RANGE SPY ROBOT WITH NIGHT VISION CAMERA, METAL DETECTION AND OBSTACLE DETECTION	ANTONY JOVEL JITHESH ASWIN V S BINSIYA NASREEN VISHNU SURESH	Ms. SINDHU T V
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	EMERGENCY SOS WATCH	ARUN K S FASMI K A SAMEER P B THANZEEHA	Ms. AMITHA M J
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	POTHOLE DETECTION AND LEVELING VEHICLE	ANGEL BABU GOURI NANDANA T B MOHAMMED AMEEN M ADARSH MURALI	Ms. LINU BABU P
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	RESCUE GUARD : SMART SAFETY COAT	AMALDEEP BIJU LENA RAPHY P VISMAYA K S ASHIK P S	Ms. BENCY VARGHESE A
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	RC HYDRO SOPPER	JEFFZINE ROJA K M DHANA MURALI ASHMITH T M STERIN PHILIP K	Ms. SUVITHA P S
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	A SMART AMBULANCE ESCORT DRONE	JOYEL JOHNSON SHAIKHA ANANTHAKRISHNA K U AKSHAY K V	Ms. ANJALI RAJAN
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	TREK	BRIGHTY SUDHEER HIMAL BENTOM M P M J DEVIKRISHNA	Ms. SOWMYA P C
ELECTRONICS AND COMMUNICATION ENGINEERING	Btech	SMART GRASS CUTTER	MOHAMMED SALMAAN FAJMA FIZAL AHSAY K V ADITHYA V U	Ms. SHAHAZIYA PARVEZ M
ELECTRONICS AND COMMUNICATION ENGINEERING	Mtech	Design of Highly Secured AES using verilog HDL	AMAL K B	Ms.Rachana M K
ELECTRONICS AND COMMUNICATION ENGINEERING	Mtech	Low Power redundant Transition free TPSC Dual Edge Triggering Flip Flop using single Transistor Clocked Buffer	JINTO T J	Ms. SUVITHA P S
ELECTRONICS AND COMMUNICATION ENGINEERING	Mtech	High Precision and Low power offset cancelling tri state sensing latch nand flash memory	LENA E A	Ms.Sindhu T V

ELECTRONICS AND COMMUNICATION ENGINEERING	Mtech	Design and implentation of BIST architecture for low power VLSI application using verilog	NEETHU B	Ms.Bency Varghese A
ELECTRONICS AND COMMUNICATION ENGINEERING	Mtech	Designing a differential flip flop with sataic contention free characteristics utilizing GDI and implication in clock gating technique.	RINSHI RAPHI	Ms.Linu Babu P
COMPUTER SCIENCE AND ENGINEERING	Btech	AI POWERED AUTOMATIC-CHECK OUT MACHINE	MAHROOF CA BEN BLESSEN MUHAMMAD MUFTAR P NIZAM.	SHEJINA N.M
COMPUTER SCIENCE AND ENGINEERING	Btech	NEWS APP	ABHINAV VS YAMUNA SIREESH AFSHAR KABEER HIJAS CA	NEETHU PRABHAKARAN
COMPUTER SCIENCE AND ENGINEERING	Btech	FACE RECOGNITION LOGIN FOR CLOUD COMPUTER	ADHUL SHAJU ABIN PRINTO EDWIN MATHEWS RAIFEL T.S	SANTHI .P
COMPUTER SCIENCE AND ENGINEERING	Btech	ONLINE PROCTORING SYSTEM	ABEL THOMAS AYISHA A A GEORGE THOMAS MEENAKSHY R	DINI DAVIS
COMPUTER SCIENCE AND ENGINEERING	Btech	SERVERLESS WEB APP FOR TASK MANAGEMENT	ALAN YUYE ARUN K DIVAKARAN HARITHA JITHRAJ MERLIN PAULY	REENY ZACKARIAS
COMPUTER SCIENCE AND ENGINEERING	Btech	AI APPROACH TO EMOTION BASED MUSIC SUGGESTION	ALFAAS ISMAIL AFSAL KHAN RIYA TONY SREELAKSHMI S SRI SRUTHI JOSHI	SYAMA KRISHNA
COMPUTER SCIENCE AND ENGINEERING	Btech	NEXTGEN IDE	MOHAMMAD FARIS FATHIMA RANNA MUHAMMAD NIYAS ALTHAF	ATHIRA BOSE
COMPUTER SCIENCE AND ENGINEERING	Btech	THEATRE APP	ARJUN K.V. SAYANTH SUNIL SENIN C SIMON MILAN DAVIS	SHEJINA N.M
COMPUTER SCIENCE AND ENGINEERING	Btech	SURGICAL ILLUMINATION ENHANCEMENT SYSTEM	AROMAL M B EBY JOHNSON JESVIN.K.VINOD KRISHNA K G	NEETHU PRABHAKARAN
COMPUTER SCIENCE AND ENGINEERING	Btech	ML BASED HEART DISEASE PREDICTION	ASHIQ AHMED SAFA AKBAR SAHLA ABDUL LATHEEF SIDHARTHA V S	SANTHI .P
COMPUTER SCIENCE AND ENGINEERING	Btech	SMART HOME AUTOMATION	ATHUL MADHAV CH NANDHANA SUNIL SARANYA VG SHIVANI TS	DINI DAVIS
COMPUTER SCIENCE AND ENGINEERING	Btech	AI BASED VOLUME CONTROLLER USING COMPUTER VISION	FAHAM ANANDHU SHANA FIDA SANHA AMEEN	REENY ZHAKARIAZ
COMPUTER SCIENCE AND ENGINEERING	Btech	SMART ENERGY CONSERVATION USINGREAL TIME HUMAN DETECTION	EVIN JOJU GOURINANDHANA E S MELIN K JOSE NIRANJAN V M	SYAMA KRISHNA
COMPUTER SCIENCE AND ENGINEERING	Btech	BRIDGING COMMUNICATION BARRIERS	RASHA RIFAN NIHAL SHIVA	ATHIRA BOSE
COMPUTER SCIENCE AND ENGINEERING	Mtech	Sign language detection for deaf and dumb using flex sensors	Ambily M	Ms.Shejina N M
COMPUTER SCIENCE AND ENGINEERING	Mtech	Diverse IoT Based Gadgets to Update a Moderate Condition of Farmers in India	Anjana B	Ms.Neethu Prabhakaran
COMPUTER SCIENCE AND ENGINEERING	Mtech	IOT based waste management and seggregation system	Beena K	Ms.Santhi P

COMPUTER SCIENCE AND ENGINEERING	Mtech	Smart security Device for Women Based on IoT Using Raspberry Pi	Heera B M	Ms.Anaswara Shinil
COMPUTER SCIENCE AND ENGINEERING	Mtech	Secure IoT Assistant-Based System for Alzheimer's Disease	Jishna	Ms.Dini Davis
COMPUTER SCIENCE AND ENGINEERING	Mtech	Smart handling of bio-medical waste with intelligent deep learning model & IoT	Najiya Hannath	Ms.Athira Bose
COMPUTER SCIENCE AND ENGINEERING	Mtech	Automatic vehicle speed cotrolling system	Salma P S	Ms.Minu Mohan