



### GLOBAL FACULTY AWARD

- Dr.D.C.JULLIE JOSEPHINE WAS HONOURED WITH "GLOBAL FACULTY AWARD" WHICH WAS AWARDED BY "AKS AWARDS" FOR THE EXCELLENCE IN THE EDUCATIONAL SERVICES



### INSO -AWARD

Mrs . JAYA MABEL RANI WAS HONOURED WITH " WOMEN RESEARCHER AWARD " WHICH WAS AWARDED BY " INSO AWARDS "

### BEE - AWARD

- Dr.M.PARAMESWARI WAS HONOURED WITH "UTTHAMA AADHYAPIKA" WHICH WAS AWARDED BY BHARAT EDUCATION EXCELLENCE AWARDS "



### STUDENT PROJECT SCHEME

- MR. BHUVANESH, MR. MANIGANDAN, MR. SAMUEL FRANK AND MR. SAKTHIVEL T OF FINAL YEAR CSE RECEIVED GRANT OF RS 8500 FROM THE GOVERNMENT UNDER TNSCST- STUDENT PROJECT SCHEME FOR THE THE PROJECT ENTITLED NIGHT PATROL ROBOT FOR DETECTING AND TRACKING OF HUMAN MOTIONS USING PROXIMITY SENSOR .



### INDUSTRIAL VISITS 2022

- III yr CSE DEPT STUDENTS ATTENDED AN INDUSTRIAL VISIT IN THE " SHIAASH INFO SOLUTIONS PRIVATE LIMITED "ON 30.04.2022
- IV yr CSE DEPT STUDENTS ATTENDED AN INDUSTRIAL VISIT IN THE "IMARTICUS LEARNING PVT LTD". ON 19.05.2022



### ONLINE COURSES COMPLETED AND CERTIFICATES RECEIVED

YEAR	COURSE	NO: OF STUDENTS
III	JAVA FULL STACK BY PANTECH	69
II	DATA SCIENCE 2.0 MASTER CLASS	16
III	LEARNATHON 2022 -ICTA 5 COURSES	50



## STUDENT PROJECTS



• THE PROJECT ENTITLED " AN ALTERNATE SOURCE FOR SOLAR ENERGY " WAS IMPLEMENTED BY PRAVEEN , NATARAJAN AND RAJESHWARI - III CSE IS APPLIED FOR PATENT.IT IS USED FOR CHARGING DEVICES USE THE ELECTRICITY GENERATED IN SMALL SCALE .

• LINK :

• PROJECT ENTITLED " UAV FIRE SOLDIER " WAS MODELLED BY S FRANKLIN JOSHUA , J VIGNESH ,V VILOJETHAN , A NAVEEN BELSON - II CSE AND PARTICIPATED IN THE PROJECT EXPO- IGNITRA 2K22 AT DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE, PERAMBUR.



• LINK :



• PROJECT ENTITLED " TRASH TO TREASURE " HAS BEEN MODELLED BY BALA KUMARAN V , LOKESHWAREN G,ANAND K, BHARATH VAJ S,AND UDAY KUMAR - III CSE AND IT WAS DISPLAYED AT THE NATIONAL LEVEL TECHNICAL SYMPOSIUM, TECHNOVA 2022 CONDUCTED BY KEC.

• LINK :

## PROJECT EXPO- 2022

• A PROJECT EXPO WAS CONDUCTED FOR ALL FINAL YEAR CSE STUDENTS ON 16-JUN-2022 AT CSE SEMINAR HALL. THE BEST PROJECT WAS SECURED BY RICHARD D AND PRAVIN C S FOR THE PROJECT ENTITLED " PREVENTION OF BOREWELL ACCIDENTS USING IOT SYSTEM ". THEY WERE PRESENTED WITH A CASH PRIZE , MEMEMTO AND CERTIFICATE .



## HACKATHON 2022

• A 24 HOUR HACKATHON WAS CONDUCTED FROM 6-MAY-2022 TO 7-MAY-2022 AND A CASH PRIZE OF 20,000 Rs , MEMEMTO AND CERTIFICTE WAS PRESENTED TO THE WINNERS.



## TECHNOVA 2022

• A NATIONAL LEVEL TECHNICAL SYMPOSIUM WAS CONDUCTED ON 29-OCT-2022 WITH MORE THAN HUNDRED PARTICIPANTS FROM ALL OVER INDIA. WINNERS AND RUNNERS WERE HONOURED WITH A MEMEMTO AND CERTIFICATES.



## WORKSHOP &amp; COURSES

- SOWMIYA , SHAMINI , NANDHINI , ROSHINI II CSE HAD ATTENDED A WORKSHOP ON A THEME OF "BUILDING A BETTER CAREER WITH AWS" IN THE INFOGRO TECHNOLOGY ON 28.MAY.2022.
- SOWMIYA II CSE HAD ATTENDED AN ONLINE WORKSHOP ON MACHINE LEARNING ON 30.MARCH.2022 AND 02.APRIL.2022.
- UDAY KUMAR R II CSE HAD COMPLETED A 30 DAYS COURSE "PYTHON MASTER CLASS " IN PANTECH.
- UDAY KUMAR R II CSE HAD COMPLETED A 30 DAYS COURSE "JAVA MASTER CLASS " IN PANTECH.
- UDAY KUMAR R II CSE HAD COMPLETED A 30 DAYS COURSE "MACHINE LEARNING MASTER CLASS " IN PANTECH.
- UDAY KUMAR R II CSE HAD COMPLETED A 21 DAYS COURSE "VIRTUAL MASTER CLASS " IN PANTECH.
- UDAY KUMAR R II CSE HAD COMPLETED A 30 DAYS COURSE "AI MASTER CLASS " IN PANTECH.
- UDAY KUMAR R II CSE HAD COMPLETED A 3 DAYS COURSE ENTITLED " HTML ZERO TO HERO "IN LETSUPGRADE.
- UDAY KUMAR R II CSE HAD COMPLETED A 3 DAYS COURSE ENTITLED " PYTHON ZERO TO HERO "IN LETSUPGRADE.
- UDAY KUMAR R II CSE HAD PARTICIPATED IN A ONE DAY WORKSHOP ON ARDUINO CONDUCTED BY IOT CLUB OF KEC.
- UDAY KUMAR R II CSE HAD PARTICIPATED IN A ONE DAY WORKSHOP ON JAVA CONDUCTED BY STEAM CODE CLUB OF KEC ON 02.06.2022.

## WEBINARS

- NATARAJAN K AND UDAY KUMAR - II CSE HAD PARTICIPATED IN A WEBINAR ON THE THEME OF CURRENT TRENDING AND TECHNOLOGIES IN DIGITAL WORLD ON 16.MARCH.2022
- NATARAJAN K AND UDAY KUMAR - II CSE HAD PARTICIPATED IN A WEBINAR ON THE THEME OF " PROJECT FORMULATION AND EFFECTIVE PAPER WRITING " WHICH WAS ORGANIZED BY "TECHNO PAPER CLUB" ON 27 JAN 2022
- UDAY KUMAR R II CSE HAD PARTICIPATED IN A WEBINAR ON THE THEME OF " IMPORTANCE OF VOTING "ON 25.01.2022
- SOWMIYA II CSE HAD ATTENDED AN WEBINAR ON THE THEME OF " CURRENT TRENDING TECHNOLOGIES IN DIGITAL WORLD " ON 10.MAR.2022 IN ASSOCIATED WITH THE RESOURCE PERSON" MR.GANESAN -CEO OF LIBERWIN TECHNOLOGIES PVT.LTD
- SHAMINI II CSE HAD PARTICIPATED ON A WEBINAR ON THE THEME OF "KNOWLEDGE REPRESENTATION IN AI" ORGANIZED BY THE DEPT OF BLOCKCHAIN AND CYBER SECURITY ,SIMATS SCHOOL OF ENGINEERING ON 25.MAY.2022
- VIJAY SURESH S II CSE HAD ATTENDED A WEBINAR ON THE THEME OF "CREATING A SUCCESSFUL CAREER " ON 18.MARCH.2022
- VIJAY SURESH S II CSE HAD PARTICIPATED ON A WEBINAR ON THE THEME OF "KNOWLEDGE REPRESENTATION IN AI" ORGANIZED BY THE DEPT OF BLOCKCHAIN AND CYBER SECURITY ,SIMATS SCHOOL OF ENGINEERING ON 25.MAY.2022
- VIJAY SURESH S II CSE HAD PARTICIPATED IN SMART INDIA HACKATHON AND IV CRISSET 2022
- VIJAY SURESH S II CSE HAD PARTICIPATED ON A WEBINAR ON"COMMUNICATION SKILLS FOR ENGINEERING COLLEGE " WHICH WAS ORGANIZED BY DEPARTMENT OF ENGLISH -KEC ON 23.02.2022

## PAPER PUBLISHED BY FACULTY MEMBERS

- Dr.D.C.JULLIE JOSEPHINE HAS PUBLISHED A PAPER ENTITLED " A NOVEL APPROACH OF APPLYING RANK ORDERING CLUSTERING ALGORITHM IN AGRICULTURAL DATA" IN THE 1ST NATIONAL CONFERENCE ON "CONFLUENCE OF SOCIAL INNOVATION & DIGITALIZATION IN BUSINESS" CONDUCTED BY ST. ANDREWS INSTITUTE OF TECHNOLOGY & MANAGEMENT FROM JANUARY 20 TO 22 ,2022.
- Dr.D.C.JULLIE JOSEPHINE HAS PUBLISHED A PAPER ENTITLED " PERSONALIZED APP FOR PRECISION FARMING USING DATA SCIENCE AND IOT" IN THE ICSSIT-2022-FOURTH INTERNATIONAL CONFERENCE ON SMART SYSTEMS AND INVENTIVE TECHNOLOGY CONDUCTED BY FRANCIS XAVIER ENGINEERING COLLEGE ON 11TH AND 12TH MARCH 2022.
- Dr.M.PARAMESWARI AND Mrs. GRACIA NISSI HAD PUBLISHED A PAPER ENTITLED "INPUT BASED RESOURCE ALLOCATION IN MOTION ESTIMATION USING RE-CONFIGURABLE ARCHITECTURE " IN FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC)
- Dr.M.PARAMESWARI HAS PUBLISHED A PAPER ENTITLED "DETECTION OF PRODUCT USING DECISION TREE CLASSIFIER " IN THE "1ST NATIONAL CONFERENCE ON "CONFLUENCE OF SOCIAL INNOVATION & DIGITALIZATION IN BUSINESS" FROM 11.03.2022 - 12.03.2022
- Mr.K.G.SARAVANAN , Mrs.D.STERLIN RANI AND Mrs.J.M.SHEELA LAVANYA HAS PUBLISHED A PAPER ENTITLED " A NOVEL APPROACH OF APPLYING RANK ORDERING CLUSTERING ALGORITHM IN AGRICULTURAL DATA" IN THE 1ST NATIONAL CONFERENCE ON "CONFLUENCE OF SOCIAL INNOVATION & DIGITALIZATION IN BUSINESS" CONDUCTED BY ST. ANDREWS INSTITUTE OF TECHNOLOGY & MANAGEMENT FROM JANUARY 20 TO 22 2022.
- Dr.M.PARAMESWARI HAS PUBLISHED A PAPER ENTITLED "DM BASED BREAST CANCER PREDICTION USING DEEP LEARNING ALGORITHM " IN THE 3RD NATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTER SCIENCE AND ENGINEERING.
- DR.G.SURESH PUBLISHED A PAPER ENTITLED " LIFETIME MAXIMIZATION FOR 5G MOBILE NETWORKS USING SECURED AND FINEST OPTIMAL ROUTING PROTOCOL" IN THE "JOURNAL OF NANO ELECTRONICS AND OPTOELECTRONICS (SCI) " JOURNAL .
- Mrs.HRIDYA VENUGOPAL PUBLISHED A PAPER ENTITLED "ENSURING IMPROVED SECURITY IN MEDICAL DATA USING ECC AND BLOCKCHAIN TECHNOLOGY WITH EDGE DEVICES" IN THE JOURNAL OF "SECURITY AND COMMUNICATION NETWORKS,HINDAWI JOURNALS".
- Mrs.R.VAISHNAVI PUBLISHED A PAPER ENTITLED "A NOVEL SECURE IOT COMMUNICATION MODEL USING BLOCKCHAIN FRAMEWORK" IN THE JOURNAL OF "A NOVEL SECURE IOT COMMUNICATION MODEL USING BLOCKCHAIN FRAMEWORK, IJRAR PUBLISHER ".
- Mrs.A.JAYA MABEL RANI PUBLISHED A PAPER ENTITLED "CLUSTERING BY HYBRID K-MEANS-BASED RIDER SUNFLOWER OPTIMIZATION ALGORITHM FOR MEDICAL DATA" IN THE JOURNAL "ADVANCES IN FUZZY SYSTEM".
- Mrs.A.JAYA MABEL RANI PUBLISHED A PAPER ENTITLED "CLUSTERING BY HYBRID K-MEANS AND BLACK HOLE ENTROPIC FUZZY CLUSTERING ALGORITHM FOR MEDICAL DATA" IN THE JOURNAL OF "INTERNATIONAL JOURNAL OF MODELING SIMULATION AND SCIENTIFIC COMPUTING".
- Mrs.A.JAYA MABEL RANI ,Mrs.HRIDYA VENUGOPAL,Mrs.S.NISHANTHINI,Mrs.GRACIA NISSI ,Dr.D.C.JULLIE JOSEPHINE ,Mrs.V.JACINTHA PUBLISHED A PAPER ENTITLED "LIVER DISEASE PREDICTION USING SEMI SUPERVISED BASED MACHINE LEARNING ALGORITHM" IN IEEE PROCEEDINGS HELD IN THIRD INTERNATIONAL CONFERENCE ON SMART ELECTRONICS AND COMMUNICATIONS,OCTOBER 2022. PAPER ID : IC0SEC435
- Mr.K.G SARAVANAN , Mrs.JAYA MABEL RANI,Dr.JULLIE JOSEPHINE ,Dr.M.PARAMESHWARI ,Mrs.HRIDYA VENUGOPAL PUBLISHED A PAPER ENTITLED "FACIAL RECOGNITION SYSTEM FOR STUDENT ATTENDANCE MAINTENANCE" IN IEEE PROCEEDINGS IN THE INTERNATIONAL CONFERENCE ON EDGE COMPUTING AND APPLICATIONS

## PAPER PUBLISHED BY FACULTY MEMBERS

- D.C. JULLIE JOSEPHINE, GRACIA NISSI .P, SAMUEL FRANK , A. MANIKANDAN, S.BHAVANESKUMAR, T. SAKTHIVEL PUBLISHED A PAPER ENTITLED "NIGHT PATROL ROBOT FOR DETECTING AND TRACKING OF HUMAN MOTIONS USING PROXIMITY SENSOR" IN THE IEEE PROCEEDINGS IN THE INTERNATIONAL CONFERENCE ON EDGE COMPUTING AND APPLICATIONS
- DR.C.SRIVENKATESWARAN. HRIDYA VENUGOPAL, S.GRACIA NISSI, K.G.SARAVANAN, DR.M.PARAMESWARI, Y.D THANUJAI RAJ PUBLISHED A PAPER ENTITLED "INTERNET BOTCODER: NATURAL LANGUAGE PROCESSING WITH AUTOMATION CODE GENERATION USING COMMANDS" IN IEEE PROCEEDINGS IN THE INTERNATIONAL CONFERENCE ON EDGE COMPUTING AND APPLICATIONS
- S. GRACIA NISSI, K.G. SARAVANAN, C.SRIVENKATESWARAN, NISHATHINI, D.C.JULLIE JOSEPHINE, SHIBIA MALAR S PUBLISHED A PAPER ENTITLED "WOMEN SAFETY AND ALERTNESS IN INSTAGRAM USING DEEP LEARNING IN THE INTERNATIONAL CONFERENCE ON AUGMENTED INTELLIGENCE AND SUSTAINABLE SYATEMS

## PAPER UNDER REVIEW

- DR. D.C. JULLIE JOSEPHINE HAS SUBMITTED A PAPER ENTITLED "BRAIN STROKE LEVEL CLASSIFICATION USING MOMO - MRC NET TO MAGNETIC RESONANCE MATERIALS IN PHYSICS BIOLOGY AND MEDICINE AND IS UNDER REVIEW.



## FACULTY CONTRIBUTION

- DR. D.C. JULLIE JOSEPHINE HAS ACTED AS RESOURCE PERSON FOR A SEMINAR ON CHARACTER FORMATION AT MAR GREGORIOS COLLEGE OF ARTS AND SCIENCE ON 4.4.2022.
- DR. D.C. JULLIE JOSEPHINE HAS INVITED AS A CHIEF GUEST FOR TEACHERS DAY CELEBRATION AT CHRIST MATRIC HIGHER SECONDARY SCHOOL ON 5.9.2022.
- DR. D.C. JULLIE JOSEPHINE HAS ACTED AS RESOURCE PERSON FOR A AWARENESS PROGRAMME ON CYBER SECURITY AT THE SAVEETHA COLLEGE OF LIBERAL ARTS AND SCIENCES ON 08.10.2022

## BOOK PUBLISHED BY FACULTY MEMBERS

- Dr.D.C.JULLIE JOSEPHINE HAS PUBLISHED A BOOK ENTITLED MICROPROCESSOR AND MICROCONTROLLER UNDER THE LAMBERT PUBLICATION