



St. Joseph's College of Engineering

St. Joseph's Group of Institutions

OMR, Chennai-119



Innovative Project Awards

Name of the Funding Agency	Title of the Project	Name of the Student & Dept	Year
Indian National Academy of Engineering, New Delhi.	Remote control of bottle Field artillery units using optical mmi	Mr. Kevin Thomas, S. Raghuvver and V. Venkatesh (EIE)	2005
Indian National Academy of Engineering, New Delhi.	Computer controlled multifunctional robot (bomb diffuser).	Mr. S. Devaduraj and J. Maria AlenDioneyBiju (IT)	2005
Indian National Academy of Engineering, New Delhi.	Design and implementation of hybrid vehicle using brushless dc motor.	Mr. D. Barani Shankar and Mr. A. Vino Xavier Raj (EEE)	2005
Tamil Nadu State Council for Science and Technology.	VHDL Based Novel Approach For Load Flow Analysis In A Distribution Network.	Mr. A. Nithin Paul and Mr. S. RajanArulmani (EEE)	2005
Tamil Nadu State Council for Science and Technology	Network security protocol for authentication and key agreement using elliptic curve cryptography	Mr. A. N. Nagappan (MCA)	2005
Indian National Academy of Engineering, New Delhi.	A study on production of docosahexaenoic acid from Thraustochytrid.	Mr. C. Prashant (BIOTECH)	2006
Indian National Academy of Engineering, New Delhi.	Computer aided instrumentation for respiration Monitoring system using pressure and optoelectronic sensors.	Mr. R. Aravind and Mr. E. Eben Raja (EIE)	2006
ISTE, New Delhi	Best Student Award - Received from ISTE.	Ms. PanimayaJefreena Miranda	2006
I I S c, Bangalore	Young Engineer's Project Award at I.I.Sc Bangalore.	Ms. V. Gayathri	2007
Indian National Academy of Engineering, New Delhi	Advance control and automation of wheel Chair.	Mr. N. Swaminathan and Mr. G. Bharath (EIE)	2008
Tata Consultng Services (TCS)	Web Authoring and Web content Management Using Mobile Phone.	Mr. V. Srinivas and Ms. S.Kavitha (IT)	2009
IEEMA, New Delhi ELECRAMA -2010	"Design and Development of Low Cost Embedded Controller Based Waste Heat Utilization Equioment from Air Conditioners outlet for Electric Power Generation and Control"	Mr. G.M.Vishnu Rajesh and Mr. A. Soosai Alexander(EEE)	2010
Indian National Academy of Engineering, New Delhi.	"Design and Implementation of PLC based Load Management System"	Ms. AishwaryaVedham and Ms.Priyadharshini (EEE)	2010
Indian National Academy of Engineering, Delhi.	"Fabrication and Comparison of Rotary Valve Engine with Cam Assembly Engine"	Mr. NelvinJohny and Mr. Abel K Mathew (Mechanical)	2010
Indian National Academy of Engineering, New Delhi.	"A Non-Invasive Infant Monitoring System using Carbon Dioxide Sensors "	Ms.JoannahRanjini Gabriel, Ms. Pratheeba and Ms.Sharanya R Iyer (ICE)	2010
Indian National Academy of Engineering, New Delhi.	"Navigation Database Decoder "	Ms. F. MenekaMischella and Ms. Lasante Christina (CSE)	2011
Indian National Academy of Engineering, New Delhi.	"Design and Development of Multi Purpose Air conditioner "	Mr. Saravanan, (Mechanical)	2011
Indian National Academy of Engineering, New Delhi.	"Real Time Implementaion of GPS based Maritime border indicator for Fishermen "	Mr. Nelson Naveen I and Ms. Princy Perpetua (ICE)	2011
Indian National Academy of Engineering, New Delhi.	"Design and implementation of Intelligent Robotic Fish"	Ms. HimaSundharam and Ms. Mahalakshmi (ECE)	2012
Indian National Academy of Engineering, New Delhi.	Design of Gyroscopically Controlled biomorphic robot and gait generation for assisted walking of humans	Harish Rammohan.S (EEE)	2014
Indian National Academy of Engineering	Design and Development of 3D Printer	Mr G Vignesh Mr S Aakash (Mechanical)	2015



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Indian National Academy of Engineering	Effect of Dynamically Controlled Reflectors on the Performance of Solar Panels	Mr R Solomon Jeshur Raja Mr AV Vamsi Krishna (EEE)	2015
Indian National Academy of Engineering	Dy Agram (Beta) - A Unique DNA Based Ink and Hologram for Authentication Security	Mr Jothivanan E(BIOTECH) Mr Vamsi Bharadwaj YV	2015
ISTE, New Delhi	Design and Development of 3D Printer	Mr G Vignesh	2015
CTS	Best Student Award	Ms.S.Abinaya (IT)	2015
CTS	Best Student Award	Ms.Mohana Priya (EEE)	2016
CTS	Best Student Award	Ms.H.Jannath Nisha (EEE)	2017
Won 1 st prize, Smart India Hackathon 2017, Ministry of Rural Development	Xpose	Mr.Vasanthan P.V, Mr.Siva.R, Mr.Vikram.B, Mr.Jerrish Josanne, Mr.Mukhil Kratheesh, Mr.Navaneetha Krishnan (CSE)	2017
Won 4 th prize, Smart India Hackathon 2017, Department of Science and Technology	Gaming, Apps, etc. for the elderly	Mr. Aravind Siddharth.S, Mr. Boobalan S, Mr. Anesley Jude Roshan, Mr. Rajakarier Dinesh B, Ms. Deepshika VA, Ms. Aasha M (IT)	2017
Indian National Academy of Engineering, New Delhi.	Cassandra – IOT in women safety	Mr.KarthicrajaV.M Mr.Krishna Prasad V.L (EIE)	2017
Won 1 st prize, AICTE-ECI Chhatra Vishwakarma Award -2017	Piezoelectricity-Energy at your footsteps	Mr.Hariharan Mr.B.Preethi Jain Mr.J.D.Jeevith Prabhu Mr.M.Nilan (Civil) Dr.S.Sivasankar-Mentor	2017
Won 3 rd prize, AICTE-ECI Chhatra Vishwakarma Award -2017	Teaching Pedagogy and Implement Dynamic Syllabus Allocation	Mr.VasanthanP.V Mr.JerrishJosanne Mr.Vikram.B Mr.Siba.R (IT) Mr.Suresh – Mentor	2017
Nokia CTD 2.0	Industry 4.0	Mr.P.Gokulaprasath Mr.E.Godwin Mr.V.Joyal Ms. G.Harinipriyaa (ECE)	2018
Indian National Academy of Engineering	Fabrication of Novel Pesticide detection tool and its application in Food samples	R.Hemalatha (BT)	2018
Cognition Best Student Award	-	Mr.S.Varun Kumar (ICE)	2018
Awarded Rs 75,000 for winning AICTE Smart India Hackathon 2019, held at Sagi Ramakrishna Raju Engg. College, Bhimavaram.	-	Mr.Roselind Sugumar Mt.Vishnunathan. C Mr.Shravya A.S Mr.Ajith Kumar Mr.Rohit Mr.Satheesh.J CSE)	2019
Awarded Rs 50,000 for winning AICTE Smart India Hackathon 2019, held at Sri Venkateswara College of Engg., Thirupathi.	Robotics and Drones	Ms.S.Haritha, Ms.K.J.Gladys Ms.J.Mary Florance Mr.C.Jagadeesh Mr.C.Balaji (IT)	2019
Won 1 st prize and Cash award Rs.1,00,000.in Smart India Hackathon 2019, by Ministry of Civil and Aviation.	-	Mr.Alvis. F Ms.Anuradha Krishnarathinam Ms.Aiswariya.R Mr.Ashueosh Patole Mr.Agash Chandar Mr.Daniel David (CSE)	2019



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Won Ist prize and Cash award Rs.1,00,000.in Smart India Hackathon 2019, by Yamaha India Pvt.Ltd.	-	Mr.Dhanoosh Lakshman.S Mr.George Joseph Mr.Gokul Prakash.P Mr.Jamuna Devi. G Devadharshini.M (CSE) Mr.Dhushyanth Chowdary.E Mr.Harish Kumar (ECE)	2019
Won Ist prize and Cash award Rs.1,00,000.in Smart India Hackathon 2019, by Dr.Reddy's Laboratories.	-	Mr.T.K.Balaji Ms.Aishwarya Priya P.M	2019
Won consolation prize and Cash award Rs.10,000.in Smart India Hackathon 2019, by Everest Pvt.Ltd.	-	Mr.Bastin Joemics J (ECE) Mr.Dinesh.J Ms.Nivedhitha.M	2019
Won consolation prize and Cash award Rs.10,000.in Smart India Hackathon 2019, by Everest Pvt.Ltd.	-	Ms.Anusha.S Ms.Ajitha.R Ms.Arthy Lakshmi.R Ms.Chetty Jayasruthi.P Ms.Andria Janet Evangeline Mr.Adithya Abhisek	2019
Winner in Tamil Nadu Students Innovator award-2019 and fellowship of Rs.1,00,000.	Smart Health Monitoring	Mr. Gokulaprasath. P (ECE)	2019
IEEE YESIST12 MAKERFAIR 2019 by Stamford International University, Hua Hin, Thailand	Imbalance Regulator	Mr.J.Srinivasan Mr.M.Srivathsan Mr.S.J.Sudharshan Mr.M.Vignesh Poopathy (EEE) Mr.J.srinivasan	2019
IEEE YESIST12 MAKERFAIR 2019 by Jeppiaar Institute of Technology, Chennai.	Imbalance Regulator	Mr.M.Srivathsan Mr.S.J.Sudharshan Mr.M.Vignesh Poopathy (EEE) Mr.S.Aadithya Mr.A.Adhithan	2019
IEEE YESIST12 MAKERFAIR 2019 by Kongu Engineering College, Erode	Smart Tank and Water Management	Mr.S.Ashwinnath Mr.K.M.Devsiva (EEE) Ms.M.Sowmiya	2019
International Centre for Technological Innovations (ICTI), Kerala	Exact Detection of Accident Place and ambulance Rescue System	Ms.S.Madhu Preetha Ms.P.R.Krishaa (EEE)	2019
International Centre for Technological Innovations (ICTI), Kerala	Solar Hydro Converter	Mr.Dennis Christopher Micheal Mr.S.J.Alrich Roshan Mr.R.Celestine Raj Mr.P.Dhanush (EEE) Ms.J.Jeevitha Magdalene	2019
International Centre for Technological Innovations (ICTI), Kerala	Innovation to Sanitation through Empathetic Design	Ms.P.G.Madhumitha Ms.K.Meenu Preethi Mr.K.Hari Rajan Mr.C.S.Jeeva (EEE)	2019
Won Third prize in State Level Project Expo cum Contest – Techyugam'19, by Vel Tech Engineering College, Avadi. Chennai	Exact Detection of Accident Place and ambulance Rescue System	Ms.M.Sowmiya (EEE)	2019
Texas Instruments Inc. in association with AICTE, DST New Delhi, IIM-B. India Innovation Challenge Design Contest-2019 (IICDC)	Smart Agricultural Transit	Ms.Govarshini R B Ms. Devishri N Ms.Aarthika S S Ms.Anjana B Ms.Aradhana P Mr.HariChandana M (ECE)	2019
Texas Instruments Inc. in association with AICTE, DST New Delhi, IIM-B. India Innovation Challenge Design Contest-2019 (IICDC)	1.Bike Crash Detection System And Connected Vehicles 2.SMART PRESCRIPTION	Mr.J. Bastin Joemics Mr.Harish Kumar. B Mr.Balaji.T.K. Ms.Nivedhitha.M Ms.AishwaryaPriya.P. Mr.M Dinesh Jayaraman (ECE)	2019



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Texas Instruments Inc. in association with AICTE, DST New Delhi, IIM-B. India Innovation Challenge Design Contest-2019 (IICDC)	1.Anxiety Controlling Wrist Band 2.Smart Bottle 3.Smart Braille System For The Blind	Ms.PriyaDharshini Ms.B. Sivapriya Mr.Sri Sudersan T.G. Ms.S. Arthi Ms.Vaddi Lakshmi Satya Sai Sarojini Mr.B. Ranjith Raj Ms. S. Shruthi (ECE) Ms. V.Srilathaa Ms. S.Sharanya Ms. S.Shruthi Ms. B.Vaishali Mr.Avinash T R Mr.Ajai SS Mr.Ashwin S (ECE) Mr.Kishore Kumar B Mr.Naresh R Mr.Prasanna Venkatesh L Mr.PavanNithesh K Mr. Pravin S.N Mr. Praveen Kumar S Mr. Raja Sekar R (ECE) Mr. Mahetha T.S Mr. Praveen Kumar M Ms. Nivetha M.S Ms. Padmashri M.B Ms. Monica S Ms. KarasalaVenkata Saicharan (ECE) Mr. Harishkumar.B	2019
Texas Instruments Inc. in association with AICTE, DST New Delhi, IIM-B. India Innovation Challenge Design Contest-2019 (IICDC)	Virtual Eye	Mr. Ashwin S (ECE) Mr.Kishore Kumar B Mr.Naresh R Mr.Prasanna Venkatesh L Mr.PavanNithesh K Mr. Pravin S.N Mr. Praveen Kumar S Mr. Raja Sekar R (ECE) Mr. Mahetha T.S Mr. Praveen Kumar M Ms. Nivetha M.S Ms. Padmashri M.B Ms. Monica S Ms. KarasalaVenkata Saicharan (ECE) Mr. Harishkumar.B	2019
Texas Instruments Inc. in association with AICTE, DST New Delhi, IIM-B. India Innovation Challenge Design Contest-2019 (IICDC)	Proximity Landmine Disarming	Mr. Raja Sekar R (ECE) Mr. Mahetha T.S Mr. Praveen Kumar M Ms. Nivetha M.S Ms. Padmashri M.B Ms. Monica S Ms. KarasalaVenkata Saicharan (ECE) Mr. Harishkumar.B	2019
Texas Instruments Inc. in association with AICTE, DST New Delhi, IIM-B. India Innovation Challenge Design Contest-2019 (IICDC)	Therapy For Autistic Children Using Robot	Mr. Jayavel.B Mr. Jeffry Wilfred . J Mr. V.Hari Harasudhan Mr. Emmanuel Patrick (ECE) Mr.Abishai Jacob Emmanuel. P Mr.Harish Kumar. B	2019
World Robotic Championship – Technoxian &Time World Organization	Fastest Line Follower	Ms. Asmitha. R. K Mr. Bastin Joemics. J Mr. Abhisheak. A Ms. Ishwarya Thiagarraj (ECE)	2020
International Centre for Technological Innovations (ICTI), Kerala	E-Smart Ambulance Navigation	Mr. Gokulaprasath. P (ECE)	2020
International Centre for Technological Innovations (ICTI), Kerala	Smart Health Monitoring System	Govarshini. R. B Anjana. B Devishri. N Aradhana. P Aarthika. S. S (ECE)	2020
International Centre for Technological Innovations (ICTI), Kerala	Smart Agricultural Transportation		