



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi. Affiliated to
Anna University, Chennai)



KINGS PROJECT EXPO 2K18

PROJECT EXPO 2K'18 was organized in association with ISRO – Propulsion Complex (IPRC), Mahendragiri & IEEE – RAS, Chennai on 29th March, 2018. This project Expo aims to encourage the students' creativity and innovations on Engineering & Technology. Dr.J.Arputha Vijaya Selvi, Principal, welcomed the gathering. Mr.T.Pasupathi, AP/ECE, introduced Dr. P.A. Manoharan, Chairman, IEEE Madras Section, Chennai. Mrs N.Hemavathi, AP/EEE, introduced Dr. P. Ganesh, Deputy Project Manager & Senior Scientist, Cryogenic Engine Test Division, ISRO Propulsion Complex, Mahendragiri. Dr. R. Rajendran, Secretary, honored Dr. P.A. Manoharan and Shri.TRS. Muthukumar, Chief Executive Officer honoured Dr. P. Ganesh. Dr. R. Rajendran, secretary presided over the function and delivered presidential address.

Dr.P.A.Manoharan, Chairman, IEEE Madras Section, inaugurated the expo and delivered the inaugural address. In his inaugural address he stressed the importance of innovations in project. Currently industries are coming forward to sponsor and establish a brand new machineries like robots in the colleges to show case their product and technology for the development purpose.

Dr. P. Ganesh, Senior Scientist, IPRC, Mahendragiri, offered felicitation and delivered keynote address on Career Guidance. Dr. P. Ganesh appreciated the efforts of the participants and distributed the prizes and certificates. Dr.S.Sivakumar, Vice Principal, Shri.R.Annamalai, PRO and heads of various departments were present. Dr.T.Shanthi, Project Officer, delivered Expo summary. Dr.S.Sivakumar delivered vote of thanks. More than 700 Students from various Engineering colleges of Tamil Nadu, Andhra Pradesh and Karnataka have participated in the Project expo.

Details of Prize Winners

S. No	Department	Name of the Participants / College	Title of the Project
1	Best Project Award	Jeeva S K, D Karthick, G Sanjai S Sundaramoorthy / Civil Engg., Kongu Engineering College, Erode	Modern Foot plane
2	Overall Contribution	E.G.S Pillay Engineering College, Nagapatinam	
3	Civil Engineering	First Prize: M.P.Salaimanimagudam, Civil Engg., Kings College of Engineering	Design and Experimental Optimization of Dynamic Building Skin By Bim
		Second Prize: K.B.Vetharajashri, J.Grijasri, R.Sivaranjani, R.Swetha Arasu Engineering College, Kumbakonam	Bagasse Ash As An Effective Replacement In Fly Ash Brick
4	Computer Science & Engineering	First Prize: M S Sripadaraj, M Sai Versha, C Hari Krishna, P Ramaraju Kuppam Engineering College	Country Baskets
		Second Prize: M.Baranitharan, R.Nagarajan, Kings College of Engineering	Automatic Human Detection In Surveillance Camera To Avoid Theft Activities In ATM Centre Using Artificial Intelligence
5	Electrical & Electronics Engineering	First Prize: Ahamed Maududi, Mohamed Taweeq Riyaz Ahamed, Muzamil J.J College of Engg & Tech, Tiruchirappalli	Smart Wheelchair
		Second Prize: K. Ravichandran, A. Aravinth Kumar L. Rishwanthraj, E.G.S Pillay Engineering College, Nagapatinam	The novel of automatic areator for aquaculture application
6	Electronics & Communication Engineering	First Prize: M Aravinth, M. Jefri robinson, S. Manikandan, A. Ravichandran	Automatic Health drink maker for old age people, physically challenged and blind persons.
		Second Prize: R. Aravinthkumar, M. Sudhakar, S Dhanuja, R. Shilpa Annamalai University, Chidambaram	Flood Water and Rain Water Management
7	Mechanical Engineering	First Prize: S.Hariharan, J.Jothibas, M.Narendren R.Navaneetha Krishnan Kings College of Engineering	Mechanically Operated Garbage Cleaning Vehicle Using Hoecken's Linkage Mechanism
		Second Prize: G.Saravanakumar, K.Saravanakumar University College of Engineering, Thirukuvalai	Design and Analysis Of High Altitude Wind Power Generation System



Dignitaries on the Dias



Lighting of Ceremonial Lamp



Welcome Address by Dr. J. Arputha Vijaya Selvi,
Principal, KCE



Honoring the Chief Guest - Dr. P.A. Manoharan,
Chairman-IEEE



Honoring the Guest - Dr. P. Ganesh,
Sr. Scientist,IPRC



Presidential Address by Dr. R. Rajendran,
Secretary, KCE



Release of Hardcopy of Souvenir



Release of Softcopy of Souvenir



Inaugural Address by Dr. P. A. Manoharan



Invited Talk by Dr. P. Ganesh



A view of the participants



Inaugurating the EXPO



View of the projects displayed at the EXPO



Aero Modeling by 3TN Air Sqn (Tech), Trichy



EXPO summary by Dr. T. Shanthi, PO, KCE



Distribution of Prize to the winners



Participants receiving Best Project Award