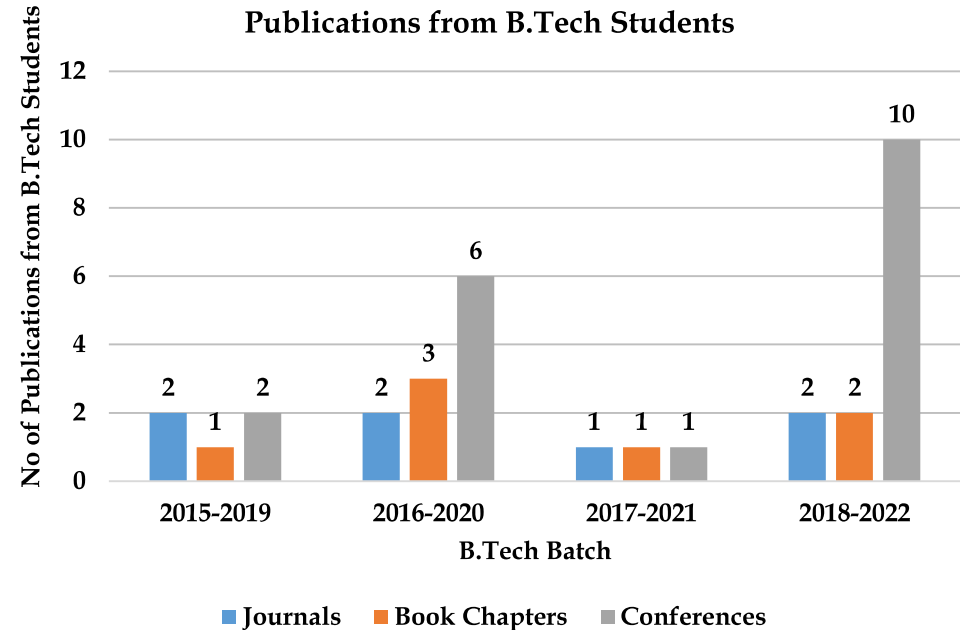


Innovative Projects

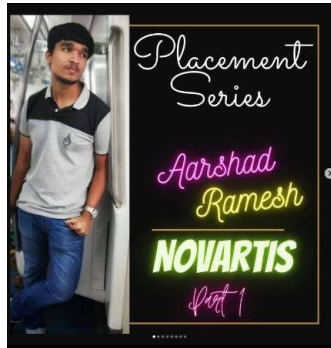
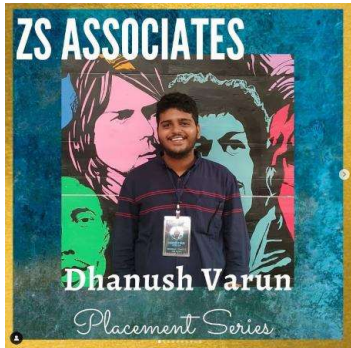


Student Publications

Sl. No.	Title of Project	Academic Year	Amount (₹)	Faculty/Guide	Students Details
1	Technoeconomic assessment, modeling and simulation of electroreduction of CO ₂ to ethanol	2021-22	95,750	Dr. Fathima Fasmin	Nirmal Varughese, Mohamed Hasin Afsal, Barghav Ram Naidu, John Paul Jaison
2	Development of Novel Superhydrophobic Membranes for Energy-efficient Desalination via Membrane Distillation	2021-22	1,00,000	Dr. Noel Jacob Kaleekkal	Mr. Rivin, Sriramani, Hemanthkumar
3	Synthesis of TiO ₂ .MgO nanocomposite by electrochemical method and its antibacterial and photocatalytic activity	2019-20	1,00,000	Dr. Susmita Das	SreeLaxmi, S. Nandan, S. Jayan, M. Lijo,
4	Two-Phase heat sink embedded with copper nanowire for simulated electronic device cooling,	2019-20	60,000	Dr.Sudev Das	Josyula V V S M Raghavendra Kasyap
5	Design and Development of household Venturi Wind Turbine Electric Generator	2019-20	1,83,954	Dr. Prasanna Kumar S Mural	Ann Mary Paul
6	Process Intensification of Simultaneous Saccharification & Fermentation of Lignocellulosic Biomass for Bioethanol Production in Oscillatory Baffled Reactor	2019-20	1,42,000	Dr Panneerselvam Ranganathan	Ananthakrishan R, Aarshad Ramesh, Sivaprasad Nambiar, Sreeram, C.H.
7	Employing Mesoporous Carbon materials to enhance the performance of TFC membranes for Forward Osmosis	2019-20	1,80,000	Dr. Noel Jacob Kaleekkal	Chethana, Joel, Manoj, Ravali
8	Synthesis of white graphene nanoparticle for thermal conductivity application	2018-19	62,300	Dr. Prasanna Kumar S Mural	Bindu Bhargavi
9	Fabrication of protien modified biosensor for heavy metal detection	2018-19	1,00,000	Dr S.Bhuvaneshwari	Santosh Kumar Asapu, Bhankiran
10	Development of layered double hydroxide incorporated PEI membranes with enhanced photocatalytic and Anti-fouling ability	2018-19	57,077	Dr. Noel Jacob Kaleekkal	Yuvaraj M, Sridhar MSR
11	Preparation and characterisation of nanoparticles enhanced biolubricant	2018-19	60,000	Dr Lily Alen Varghese	Neelima Sunil, Rachana Shivan, Afra Anan, Sabikka Sulthana C K
12	Performance evaluation of rotating cathode electrochemical reactor	2018-19	64,500	Dr.V.Sivasubramanian	Deepak Anil, Abhishek Satheesh N P, Haafiz Serikkal



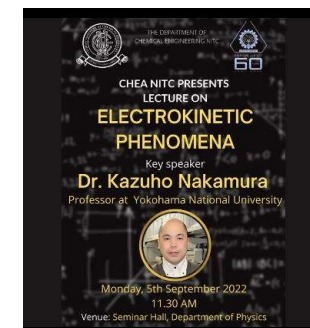
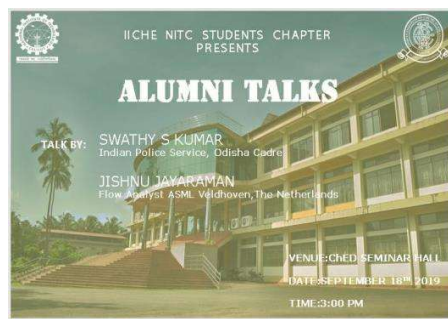
Chemical Engineering Association Activities



Placement Talks

GATE Talks

Technical Fest



Alumni Talks

Talks from Entrepreneurs, Academicians

Mentoring Juniors