

**ANNAMALAI**  **UNIVERSITY**

(A State University Accredited with 'A' Grade by NAAC)  
Annamalai Nagar - 608 002

**Faculty of Engineering and Technology**  
**Department of Chemical Engineering**

# **TECHAZINE**

## **2019**





## ***EDITORIAL PREFACE***

The editorial board wishes its readers a pleasant journey as they thumb through the pages of this issue. Annamalai University will be proud to see one more generation of Chemical Engineers progressing towards their destiny, of strength, purpose, design and fulfilment.

In spite of the accelerated course we found some time to conduct an Intra-University Students' seminar program InChes-2k19 and to bring out our traditional magazine- TECHAZINE, thanks to the faculty members and students of the Department.

We expect the forth-coming students to keep up the traditions and heritage of the department and to be more enthusiastic in Co-curricular activities.

We sincerely thank our Head of the Department and all our beloved faculty members for their ardent support through these years.

We owe our thanks to our Head of the Department of Chemical Engineering, Dr.C. Karthikeyan., and Dr. R. Dhanasekar, Dr. R. Saravanan





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Faculty of Engineering & Technology

DEPARTMENT OF CHEMICAL ENGINEERING

Message from

Professor & Head, Department of Chemical Engineering,

It gives me immense pleasure to note that our Chemical Engineering students are magazine “Techazine” – Technical magazine in a perfect fusion of literary articles, personal experiences, technical information, snippets, art and photography which reflects the hidden talents and creativity of our students, such activities bring out the creativity of the students and enhances their skills, leadership, quality and team work.

I am very much happy to convey my best wishes to all the students, faculty members and Editorial Board members for their endeavours in bringing out this wonderful “Techazine” magazine.

- Dr. C. Karthikeyan





## ***ABOUT THE DEPARTMENT***

***The Department of Chemical Engineering, a DST –FIST sponsored department, was started in the year 1945. It was the second college to offer an undergraduate programme in Chemical Engineering in Tamilnadu. Total outlay of the funding attracted by the department from various funding agencies is 341.51 Lakhs. All the laboratories are well equipped with most modern equipment. The department offers consultancies to various leading industries.***

***The first PhD of the Faculty of Engineering and Technology is from this department and has thus far produced 104 Ph.Ds . The department offers 12 programmes through Distance Education. It has an excellent industrial tie up. The department boasts an unparalleled support from its Alumni.***



**ANNAMALAI UNIVERSITY**

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***Faculty of Engineering & Technology***

***Pro-Chancellor: Mr. ANBALAGAN. K***

***Vice-Chancellor: Prof. MURUGESAN.V***

***Registrar: Prof. ARUMUGAM. K***

***Dean,***

***Faculty of Engineering and Technology: Prof. ANTONY JEYASEKAR. C***

***Prof. KRISHNAMOHAN. K***

## EDITORIAL COMMITTEE

- ❖ Dr. C. Karthikeyan, Professor and Head
- ❖ Dr. R. Dhanasekar, Professor
- ❖ Dr. R. Saravanan, Professor
- ❖ Dr. M. Rajasimman, Professor
- ❖ Dr. R. Muthuvelayudham, Professor
- ❖ Dr. C S Rathnasabapathy, Associate Professor
- ❖ Dr. V. Saravanan, Associate Professor
- ❖ Dr. B. Gopalakrishnan, Associate Professor
- ❖ Dr. P. Manivannan, Assistant Professor
- ❖ Dr. R. Jayakumar, Assistant Professor
- ❖ Iyyappan – Final Year
- ❖ Sriraaman – Pre-Final Year
- ❖ Vandhana V – I Year

# TECHNOLOGY ASSOCIATION OFFICE BEARERS

President: Dr. C. Karthikeyan

Staff Advisors: Dr. V. Saravanan

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## Final Year

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<b>Seminar Secretary</b>	<b>L.Akshaya</b>
<b>Placement Secretary</b>	<b>Iyappan.J</b>
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<b>Literary / Fine arts Secretary</b>	<b>C.Dhivya</b>
	<b>A.Monica</b>
	<b>M.Gopalakrishnan</b>
<b>Class Representative</b>	<b>V.Oviya</b>

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## Pre-Final year

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<b>Joint Secretary</b>	<b>M.Sriraaman</b>
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<b>Class Representative</b>	<b>S.Arun prasanth</b>
<b>Lady Secretary</b>	<b>R.Nandhini</b>
<b>Literary Secretary</b>	<b>M.Abdul Kader</b>
	<b>C.Dhivya</b>

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# TECHNOLOGY ASSOCIATION OFFICE BEARERS

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## Second Year

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<b>Additional In plant Training Secretary</b>	<b>M.Sivashankar</b>
	<b>S.Saravanan</b>
<b>Additional Joint sports Secretary</b>	<b>K.S.Divya</b>
<b>Class Representative</b>	<b>V.Ashok Kumar</b>
<b>Lady Secretary</b>	<b>V.Vinoshiya</b>
	<b>S.Pugazhenth</b>
<b>Literary secretary</b>	<b>V.Sivagayathri</b>

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## Class Representative

<b>M.E-Chem-II year</b>	<b>K.Janardhanan</b>
<b>M.Tech-IBT- II year</b>	<b>S.Pon Sumita Pattu</b>
<b>M.Tech-FPT- II year</b>	<b>S.Preethini</b>
<b>M.Tech-ISE- II year</b>	<b>S. Karthik</b>

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# DEPARTMENT OF CHEMICAL ENGINEERING

## FACULTY DETAILS

S.No	Name	Designation
1.	Dr.C.Karthikeyan	Professor & Head
2.	Dr.R.Dhanasekar	Professor
3.	Dr.R.Saravanan	Professor
4.	Dr.P.Mullai	Professor
5.	Dr.B.Preetha	Professor
6.	Dr. M.Thenmozhi	Professor
7.	Dr.P.Nagarajan	Professor
8.	Dr.M.Rajasimman	Professor
9.	Dr.R.Muthuvelayudham	Professor
10.	Dr.R.Ravi	Professor
11.	Dr.B.Chirsabesan	Professor
12.	Dr.B.Suresh	Professor
13.	Dr.S.Anhuradha	Associate Professor
14.	Dr.S.Dhanasekaran	Associate Professor
15.	Dr.K.Thirumavalavan	Associate Professor
16.	Dr.M. Vijay	Associate Professor
17.	Dr.M.Karuppaiya	Associate Professor
18.	Dr.M.G.Devanesan	Associate Professor
19.	Dr.B.Sivaprakash	Associate Professor
20.	Dr.R.Ramsenthil	Associate Professor
21.	Dr.C.S.Rathnasabapathy	Associate Professor
22.	Dr. V.Saravanan	Associate Professor
23.	Dr.T.R.Manikandan	Associate Professor
24.	Dr.K.Manikandan	Associate Professor

S.No	Name	Designation
25.	Dr.B.Gopalakrishnan	Associate Professor
26.	Dr.T.Balamurali	Associate Professor
27.	Dr.G.Durai	Associate Professor
28.	Dr.S.Arriuvukkarasan	Associate Professor
29.	Dr.P.Elavarasan	Associate Professor
30.	Dr.P.Sudhakar	Associate Professor
31.	Dr.S.Subhagar	Associate Professor
32.	Dr.S.Rengadurai	Associate Professor
33.	Dr.S.Ramesh	Associate Professor
34.	Dr. V.Baskaran	Assistant Professor
35.	Dr.S.Shanmuganathan	Assistant Professor
36.	Dr.K.Jayabalan	Assistant Professor
37.	Dr.P.Balamurugan	Assistant Professor
38.	Mr.K.Subanandam	Assistant Professor
39.	Dr.S.B.Riswan Ali	Assistant Professor
40.	Dr. P. Manivannan	Assistant Professor
41.	Dr.A.Magesh	Assistant Professor
42.	Dr.P.Rathakrishnan	Assistant Professor
43.	Dr.K.Muralikandhan	Assistant Professor
44.	Dr.R.Jayakumar	Assistant Professor
45.	Dr.R.Palaniraj	Assistant Professor
46.	Dr.R.Rajesh Kannan	Assistant Professor
47.	Dr.M.Dilip Kumar	Assistant Professor
48.	Mr.T. Vasanthakumar	Assistant Professor

# ***DAY-TO-DAY DEVELOPMENTS IN CHEMICAL ENGINEERING WORLD***

**The Royal Swedish Academy of Sciences has decided to award John B. Goodenough, M. Stanley Whittingham, and Akira Yoshino the Nobel Prize in Chemistry 2019, for the development of lithium-ion batteries.**

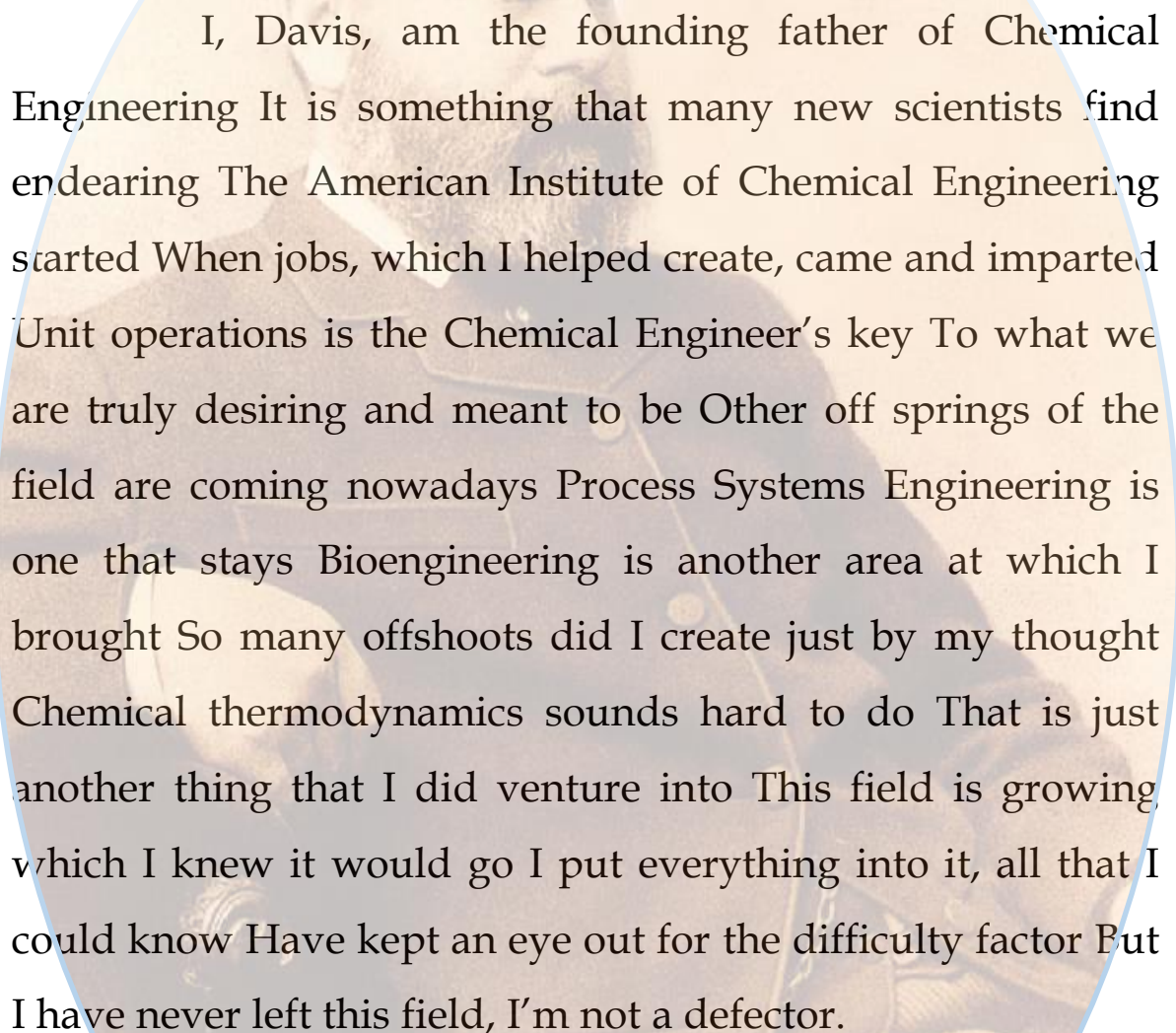
**The discoveries of John B. Goodenough, M. Stanley Whittingham, and Akira Yoshino have arguably had a tremendous impact on our world. The lithium-ion battery thus has been an important part of the mobile electronics revolution, as well as the ongoing switch from vehicles powered by fossil fuels to electrically-powered transportation. We have yet to see the overall consequences of this development, but efficient energy storage is a known prerequisite for many of the energy sources used to produce electricity. Over the past decades, this development has progressed rapidly, and we can expect many more important discoveries to come in battery technology. These future breakthroughs will undoubtedly lead to further improvements in our lives, not only for our convenience, but also with respect to global and local environments and, ultimately, the sustainability of our entire planet.**

# *Chemical Engineering*

Chemical Engineering is a fluid field to get into  
The new advances do yield an interesting view American  
Institute of Chemical Engineering started When the jobs  
came into fruition and imparted Unit operations is the  
Chemical Engineer's key Davis is the founding father who  
coined the lead Other offspring's of the field are coming  
nowadays Process Systems Engineering is one that stays So  
does Bioengineering with courses I would enjoy Some did I  
venture into, when I was just a boy Chemical  
thermodynamics sounds hard to do That another thing that  
people must get into This field sounds difficult, but one I  
wanted to view Never did I think it would help create my  
brew

*-Russell Sivey*





I, Davis, am the founding father of Chemical Engineering It is something that many new scientists find endearing The American Institute of Chemical Engineering started When jobs, which I helped create, came and imparted Unit operations is the Chemical Engineer's key To what we are truly desiring and meant to be Other off springs of the field are coming nowadays Process Systems Engineering is one that stays Bioengineering is another area at which I brought So many offshoots did I create just by my thought Chemical thermodynamics sounds hard to do That is just another thing that I did venture into This field is growing which I knew it would go I put everything into it, all that I could know Have kept an eye out for the difficulty factor But I have never left this field, I'm not a defector.



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## **INSTITUTIONAL VISION**

*Providing world class quality education with strong ethical values to nurture and develop outstanding professionals fit for globally competitive environment.*

## **INSTITUTIONAL MISSION**

- *Provide quality technical education with a sound footing on basic engineering principles, technical and managerial skills, and innovative research capabilities*
- *Transform the students into outstanding professionals and technocrats with strong ethical values capable of creating, developing and managing global engineering enterprises.*
- *Develop a Global Knowledge Hub, striving continuously in pursuit of excellence in Education, Research, Entrepreneurship and Technological services to the Industry and Society.*
- *Inculcate the importance and methodology of life-long learning to move forward with updated knowledge to face the challenges of tomorrow.*



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## **DEPARTMENT OF CHEMICAL ENGINEERING**

### **DEPARTMENT VISION**

*Strive to be widely acknowledged as a department imparting Chemical Engineering with a strong three-pronged commitment to education, research and extension to effectively address the societal needs fostered by a culture encompassing innovation, ethics and excellence and by embracing the good practices in education*

### **DEPARTMENT MISSION**

- *Impart quality Chemical Engineering education through a carefully devised program garnered by a curriculum meeting the global benchmarks with an extensive exposure to fundamentals and industrial applications*
- *Transform the students and render them to take up successful careers in Chemical Engineering and prepare them to be leaders and responsible citizens in order to contribute to the society by exhibiting highest degree of professional standards, integrity and ethics.*
- *Expose the students to real time industrial problems and imbibe entrepreneurship by engaging them with interactions involving experts from the industry and the alumni.*
- *Infuse the students with social responsibility to meet the future challenges to provide pertinent solutions for sustainable development through professional competency.*



*Faculty of Engineering & Technology*  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**Program Outcomes (POs)**

*Engineering Graduates will be able to:*

**PO1 Engineering Knowledge:** *Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.*

**PO2 Problem Analysis:** *Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.*

**PO3 Design/Development of Solutions:** *Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.*

**PO4 Conduct Investigations of Complex Problems:** *Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.*

**PO5 Modern Tool Usage:** *Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.*

**PO6 The Engineer and Society:** *Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.*

**PO7 Environment and Sustainability:** *Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.*

**PO8 Ethics:** *Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.*

**PO9 Individual and Team Work:** *Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.*

**PO10 Communication:** *Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.*

**PO11 Project Management and Finance:** *Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.*

**PO12 Life-Long Learning:** *Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change*

# FACULTY PUBLICATIONS

S.No.	Name	Title	Details
1	Dhanasekar, R. Jonesh, S	Identification of a novel hydrogen producing bacteria from sugarcane bagasse waste	Biocatalysis and Agricultural Biotechnology , 15, 277-282, 2018.
2	R. Sowbarnika, S. Anhuradha B. Preetha	Enhanced antimicrobial effect of yeast mediated silver nanoparticles synthesized from Baker's yeast.	International Journal of Nanoscience and Nanotechnology, Volume 14, Number 1, 33, 2018
3	P. Mullai, S. Kothai Nayaki R. Nirmala	Experiments on the removal of Chromium (VI) from its aqueous solution in batch reactors	Journal of powder technology and advanced functional materials, 1 (1), 12-18, 2018
4	D Baskaran, K .Chinnappan, R Manivasagan, DK Mahadevan	Partitioning of crude protein from aqua waste using PEG 600-inorganic salt Aqueous Two-Phase Systems	Chemical Data Collections 15, 143-152, 2018.
5	P, Mullai, Vishali, Solaiappan Sabarathinam, PL.	Biogas production kinetics in an anaerobic multiphase hybrid reactor treating antibiotic industry wastewater	Desalination and Water Treatment, 122 , 247-253, 2018.
6	R. Sridar, U. Uma Ramanane, M. Rajasimman	Synthesis, characterization of ZVI nanoparticles and its application for the removal of Phenol from wastewater,	Desalination and Water Treatment, Vol. 122, 42-49, 2018.
7	Sasireka.G, Muthuvelayudham.R	Study of Growth Parameters on Members of Chlorococcales	International Journal of Current Advanced Research, Volume 7. Number 10(C), 15919-15922, 2018.
8	Ramsenthil R Dhanasekaran S	Removal of divalent nickel from aqueous solution using blue-green marine algae: adsorption modelling and applicability of various isotherm models	Separation Science and Technology, 1: 1-20, 2018
9	R Sridar, UU Ramanane, M Rajasimman	ZnO nanoparticles – Synthesis, characterization and its application for phenol removal from synthetic and pharmaceutical industry wastewater,	Environmental nanotechnology, monitoring & management, Vol.10, 388-393, 2018
10	Baskaran Divya, Chinnappan Karthikeyan and Manivasagam Rajasimman	Chemical Synthesis of Zinc Oxide Nanoparticles and Its Application of Dye Decolourization	International Journal of Nano Science and Nanotechnology, Vol. 14, No. 4, 2018, pp. 267-275.



11	V. Jayakumar, S. Govindaradjane, M. Rajasimman	Isotherm and kinetic modeling of sorption of Cadmium onto a novel red algal sorbent, <i>Hypnea musciformis</i> .	Modeling Earth Systems and Environment, Vol.5, 793 – 803, 2019
12	P. Vivek, M.Karuppaiya, S.Thenesh Kumar	Kinetic studies on optimization of various operational parameters for the biosorption of textile waste water effluents using <i>Musa paradisiaca</i> and <i>Nymphaea nouchali</i>	International Journal Of Pharmacy And Biological Sciences, Volume 9, Number 1, 146, 2018
13	P. Vivek, M.Karuppaiya, S.Thenesh Kumar.,	Utilization of novel Plant Bio-sorbents for the effective treatment of textile Dye effluents	International Journal Of Pharmacy And Biological Sciences, Volume 9, Number 1, 165, 2018
14	Ramsenthil Ramadoss and Dhansekaran Subramaniam	Adsorption characteristics of Cu (II) onto blue green algae-modeling and applicability of various isotherms	Global journal for Research Analysis, 01,January -2019.
15	Pandian Elavarasan and Sreedevi Upadhyayula,	Environmentally Benign Encapsulated Functional Ionic Liquids As Catalysts For Synthesis Of Phenolic Compound Based Antioxidant	American International Journal of Research in Science, Technology, Engineering & Mathematics, February, 9-12, 2019
16	Ramsenthil R Dhanasekaran S	Adsorption Cadmium using Blue Green Algae: Applicability of Isotherms and Modelling	International Journal of Scientific Research, 8(2), 1 – 10, 2019
17	K.Ganesan, V.Saravanan, S.Rajamohan, P.Saravanan and M.Rajasimman	Performance Studies on Biofilter for VOC Removal Under Various Organic Loading Rates and Gas Empty Bed Residence Times,	American International Journal of Research in Science, Technology, Engineering & Mathematics, Vol. 1 (22) 2328-2349, 2019
18	T.Senthilkumar S.Rajamohan B.Gopalakrishnan, M.Rajasimman	Simulation Studies in an Anaerobic Sequential Batch Reactor for the Treatment of Textile Dyeing Industry Effluent.	American International Journal of Research in Science, Technology, Engineering & Mathematics, Feb. 02, 91-96, 2019
19	K.Ganesan, V.Saravanan, S.Rajamohan, P.Saravanan and M.Rajasimman	Biofiltration of Benzene Vapour using Agro Waste Packing Material in a Biofilter,	American International Journal of Research in Science, Technology, Engineering & Mathematics, Volume 1, Number 26, 2019,55-62
20	K.Ganesan, V.Saravanan, S.Rajamohan, P.Saravanan and M.Rajasimman	Performance studies on Biofiltration of benzene and toluene vapours in a pure and mixed forms- Kinetics and modeling.	Asian Journal of Microbiology biotechnology and Environmental sciences, Volume 21, Number 3,259-267, 2019



21	P.Manivannan, G.Kalaiarasi, M.Rajasimman.	Optimization of Process Parameters for The Osmotic Dehydration of Banana in Sugar Solution.	American International Journal of Research in Science, Technology, Engineering & Mathematics, Feb. 02, 2019, pp. 285-296.
22	G. Durai, S. Rengadurai, ` P. Manivannan D. Dhivakar	Musculoskeletal Problems Among Workers of An Indian Sugar - Producing Factory	International Journal of Engineering Research & Technology (IJERT), 8 (9), 476 -479,2019
23	S.B.Riswan ali	Enhanced Production of Pectinase from Aspergillus awamori by Solid State Fermentation Using Rice Bran	American International Journal Of Science, Technology, Engineering & Mathematics, 2328-3580, page147-151, 2019
24	Subhagar Seraman, Aravindan Rajendran	Biosynthesis of Cholesterol Lowering Drug from Aspergillus terreus by Solid State Fermentation	American International Journal of Research in Science, Technology, Engineering & Maths, 2019
25	S.Ramesh, S.Subhagar, R.Muthuvelayudham	Microbial Production of Xylitol in optimized conditions from Rice straw	American International Journal of Research in Science, Technology, Engineering & Mathematics, 160-164, 2019
26	Sasireka.G Muthuvelayudham.R	Biomass Production and GC-MS Analysis of Selenastrum bibraianum Reinsch	Journal of Algal Biomass Utilization, Vol.9(1), 44-50, 2018
27	Sasireka.G Muthuvelayudham.R	Enzymatic Transesterification of Biodiesel Production from Scenedesmus sp and its Parameter Optimizing through Response Surface Methodology	Journal of Algal Biomass Utilization, Vol. 9 (1), 26-36, 2018
28	S.Rengadurai B.Preetha	Packed entrapped microbial microbial cells for the treatment of simulated textile effluents	American International Journal of Science, Technology, Engineering & Mathematics, 2328-3580, 2019
29	Sudhakar.P P.Nagarajan	Statistical screenings of medium components for the production of Chitinase by Trichoderma viride	American International Journal of Research in Science, Technology, Engineering & Mathematics, 175-178, 2019
30	Selvaganapathy T Muthuvelayudham R	Aromatic Liquid Hydrocarbon Fuel (Alhf) Production From The Waste Plastics Using Pyrolytic Reactor Under Thermal Degradation	International Journal of Management, IT & Engineering, Volume 9, Number 4(2), 99-141, 2019

31	J. Jayachitra & E. Babu	Biosorption of copper (ii) by immobilized <i>Aspergillus niger</i>	Journal of Emerging Technologies and Innovative Research, 2019
32	P. Balamurugan, P. Muthamilselvi P. Balashanmugam	Fabrication of auto power generated E-Bike	International Journal of Scientific Research and Review, Vol. 8, issue 7, 2019
33	P. Balamurugan, P. Muthamilselvi P. Balashanmugam	Ergonomics study in Honeywell UOP India private limited	Journal of Emerging Technologies and innovative Research, Vol.6 (6), 2019.
34	R. Rajesh kannan A. Magesh K. Jayabalan	Kinetics and modeling of pre-treated <i>calotropis gigantea</i> to ethanol production by dmc method	International journal of engineering, science and mathematics, 8(9), 57-79, 2019.
35	Manojkumar, M.S Sivaprakash, B	VLE Prediction of Azeotropic Systems Using UNIQUAC and UNIFAC models and Experimental Validation using Othmer VLE Still	Journal of Applied Sciences, Vol.11(1) pp. 216-224, 2019
36	Manojkumar, M.S Sivaprakash, B	Vapour Liquid Equilibrium Model Testing Based on Activity Coefficient Models Applied to Binary Azeotropic Systems	International Journal of Chemtech Research, Vol.11 No.01, pp 362-376, 2018.
37	Manojkumar, M.S Sivaprakash, B	Estimation of Thermodynamics Models for Azeotropic Systems Using Data Assessment and Thermodynamic consistency test	International Journal of Scientific Research in Science, Engineering and Technology, Vol.11(1), pp 362-376, 2018
38	Manojkumar, M.S Sivaprakash, B	Application of Activity coefficient models in VLE Determination for Azeotropic systems Using Othmer type Ebulliometer,	International Journal of Recent trends in Engineering and Research, Vol.4(1), pp. 425-436, 2018
39	Manojkumar, M.S Sivaprakash, B	Thermodynamic Analysis of Azeotropic mixtures for Vapour liquid Equilibrium Determination - Experimental and Theoretical studies	Journal of Applied Sciences Research, Vol. 4(1), pp 338-348, 2018
40	A.S. Santhalin Shellomith B. Preetha	Production of Milk Clotting Enzyme by <i>Streptococcus lactis</i> under Submerged Fermentation	International Journal of Recent Scientific Research, Volume 9, Number 3, 11787, March 2018
41	A.S. Santhalin Shellomith B. Preetha	Production of Milk Clotting Enzyme in Submerged Fermentation with <i>Streptococcus lactis</i> by using Whey medium	IOSR Journal of Engineering, Volume 8, Number 3, 29, March 2018
42	Tamil Elakkiya R. M. Thenmozhi	Effect of binding polynomials on feasibility study of biochemical reactions	International Journal of ChemTech, Volume 10(10). Page 625-631, 2017

43	N. Rajamohan, Amira Al Gharibi M. Rajasimman	Kinetic Modeling of Lead Removal in a Resin Column–Parameters Evaluation	Water Practice & Technology, Vol.13. No. 2, 439-445, 2018
44	Divya Baskaran, Ravi Rajamanickam	Aerobic biodegradation of trichloroethylene by consortium microorganism from turkey litter compost	Journal of Environmental Chemical Engineering, 7, Article No. 103260, 2019,
45	Ramaiyan Manikannan, Marudhai Karuppaiya, Kumarasamy Thirumavalavan, Shanmugam Muthusubramania	One-pot multicomponent synthesis of 6-substituted 3-[(1R)-1-phenylethyl]-3,4-dihydro-2H-1,3-benzoxazines and their biological activity	Journal of Advanced Research in Dynamical and Control Systems, Vol. 10, 10-Special Issue, 2018.
46	N. Rajamohan, M.Rajasimman, Fatma Al Qasmi (2019).	Parametric studies on the removal of nickel using emulsion liquid membrane.	Desalination and Water Treatment, Vol.141, 2018, 89-94.



# SPORTS ACTIVITIES

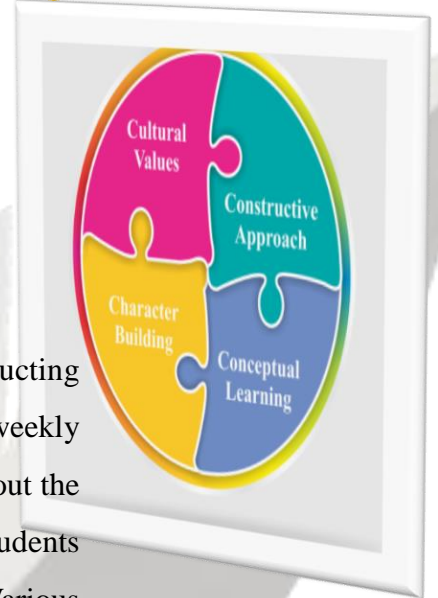
The students of all classes will be divided into various teams and they will play against each team. All the matches were conducted and refereed by the officials of the Physical Education and Sports Science department. Separate matches were conducted for the staff members of the department. First three prizes will be awarded with prizes and medals. Rest of the students will be given a participation certificate. All the matches for the ladies were conducted and refereed separately by the officials. All the prize winners receive their prize awards and certificates on the day of InChes.

A separate lady staff coordinator is appointed to conduct all the events. Overall the sports events were conducted and organised by the sports coordinator Dr.K.Thirumavalavan, Associate Professor, Department of Chemical Engineering.



<b>EVENT</b>	<b>AWARDEES</b>
CRICKET	<b>WINNER:</b> IV YEAR STUDENTS
	<b>RUNNER</b> II YEAR STUDENTS
BADMINTON	<b>SINGLES</b>
	<b>WINNER</b> K.S.DIVYA
	<b>RUNNER</b> V.VINOSHIYA
	<b>DOUBLES</b>
	<b>WINNER</b> K.S.DIVYA, V.VINOSHIYA
	<b>RUNNER</b> P.GOBIKA, S.PON SUMITA PATTU
TENNISOIT	<b>SINGLES</b>
	<b>WINNER</b> S.SHANMUGAPRIYA,
	<b>RUNNER</b> S.SASIYA
	<b>DOUBLES</b>
	<b>WINNER</b> P.GOBIKA, S.SASIYA
	<b>RUNNER</b> V.KEERTHIJA , G.KALAIARASI
KHO-KHO	<b>WINNER</b> V.KEERTHIJA, M.JOTHIKA, V.SIVAGAYATHIRI, S.SASIYA G.KALAIARASI, T.KARPAGAMOORTHI
	<b>RUNNER</b> K.BANU, P.GOBIKA, K.S.DIVYA S.SHANMUGAPRIYA, V.VINOSHIYA, S.PON SUMITA PATTU
RELAY	<b>WINNER</b> P.GOBIKA, V.KEERTHIJA, M.JOTHIKA, K.BANU
	<b>RUNNER</b> K.S.DIVYA, V.SIVAGAYATHIRI, S.SHANMUGAPRIYA, V.VINOSHIYA
VOLLEY BALL	<b>WINNER</b> IV YEAR STUDENTS
	<b>RUNNER</b> II YEAR STUDENTS
LONG JUMP	<b>1<sup>ST</sup> PLACE</b> - K.S.DIVYA
	<b>2<sup>ND</sup> PLACE</b> - G.KALAIARASI
	<b>3<sup>RD</sup> PLACE</b> - S.SASIYA
DISCUS THROW	<b>1<sup>ST</sup> PLACE</b> - K.S.DIVYA
	<b>2<sup>ND</sup> PLACE</b> - S.PON SUMITA PATTU
	<b>3<sup>RD</sup> PLACE</b> - V.VINOSHIYA
SHOT- PUT	<b>1<sup>ST</sup> PLACE</b> - K.S.DIVYA
	<b>2<sup>ND</sup> PLACE</b> - S.PON SUMITA PATTU
	<b>3<sup>RD</sup> PLACE</b> - V.VINOSHIYA
RUNNING	<b>1<sup>ST</sup> PLACE</b> - K.BANU
	<b>2<sup>ND</sup> PLACE</b> - V.VINOSHIYA
	<b>3<sup>RD</sup> PLACE</b> - K.S.DIVYA
THROW BALL	<b>WINNER</b> G.KALAIARASI K.S.DIVYA, S.SHANMUGAPRIYA, V.VINOSHIYA M.JOTHIKA, S.KAYALVIZHI
	<b>RUNNER</b> S.SASIYA, V.SIVAGAYATHIRI, S.PON SUMITA PATTU, K.BANU, P.GOBIKA, V.KEERTHIJA

# Literary Activities



The Department of Chemical Engineering is regular in conducting the literary events for the students of all semesters on a regular weekly basis after the class hours. Students had a refreshing time and burst out the stresses by participating in the literary events. In this literary hour students were allowed free to exhibit the talents inherited in them. Various activities done during the literary hour are listed below.

- ❖ Singing
- ❖ Dancing
- ❖ Drawing
- ❖ Acting
- ❖ Short-filming
- ❖ Mime
- ❖ Poem Writing
- ❖ Painting
- ❖ Oration
- ❖ Photography

The above events were conducted and coordinated by the Dr.K.Thirumavalavan, Associate Professor at CEFY Hall, Department of Chemical Engineering.





# ASSOCIATION ACTIVITIES



Invited lecture by **Mr. Vaidyanathan Nagarajan**, International ASU Expert, AIR LIQUIDE on “**How Chemical Engineer will Drive the 21st Century? The Mega Possibilities Ahead**” organized by IIChe



One-day workshop on “**Pollution-free Environment And Chemical Engineering (PEACE-2018)**” was organized by IIChe-ANRC in association with Department of Chemical Engineering, Annamalai University



- The end of oil is closer than you think
- Statistical Review of World Energy, says in the past 10 years global proved oil reserves grew by 334 billion barrels to reach a global total of 1.7 trillion barrels.
- Saudi Arabia's proved oil reserves stood at 267 billion barrels.
- The result is that oil may soon shift from a demand to a supply constraint

National Conference on “**Challenges in Chemical Engineering and Biosciences for Sustainable Environment (CBSE)**” was organized by IIChe-ANRC in association with Department of Chemical Engineering, Annamalai University





**Interuniversity Chemical Engineering Students Symposium (InChES 2K19)**



**Inauguration of the IEI student chapter activities for the academic year 2019 - 2020 and Installation of office bearers**



**"Soft skill Development" organized by the IE(I) Chemical Engineering Students' chapter**





Special lecture on "Orientation to GATE" was organized for the IE(I) Chemical Engineering Students' chapter



Competitions organized by **IChE-ANRC** in association with Department of Chemical Engineering, Annamalai University for the IChE members, PG students, Research Scholars and Academicians,





## Conferences/Workshop/ FDP/ Seminar organized

Program Organized	Funding agency	Coordinators	Date	No. of participants
National Conference on Recent Advances in Chemical Engineering	DST – PURSE	Dr.C.Karthikeyan Dr.M.Rajasimman Dr.R.Muthuvelayudham Dr.B.Gopalakrishnan	28.09.18- 29.09.18	220
One-Day Workshop on “Pollution-Free Environment And Chemical Engineering (PEACE–2018)”	IICHe	Dr.S.Anuradha Dr.S.Arivukkarasan	12.12.2018	98
National Conference On Industrial Pollution And Control Technology	SERB, DST	Dr.S.Dhanasekaran Dr.B.Sivaprakash	13.3.2019 - 14.3.2019	190
National Conference On Food Processing & Preservation: Bio Chemical Principles, Quality & Safety(FPP-2019)	IQAC	Dr.B.Preetha Dr.S.Anhuradha	22.3.2019 – 23.3.2019	156

# STUDENTS' PLACEMENT

## CAREER PROGRESS

S.No	Student Name	Roll Number	Company Name
1	T.Sriram	1537010025	TCP Ltd., Kovilur, Sivagangai District, Taminadu
2	R.Giritharan	1537010054	ABS Enviro Tech India Pvt. Ltd. Defense Officers Colony, Guindy, Chennai
3	R.Jayakumar	1537010023	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
4	K.Karpagamoorthy	1537010007	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
5	A.Manikandan	1537010020	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
6	N.Manju	1537010046	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
7	K.Mauriyan	1537010005	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
8	A.Mohamed Suhail	1537010053	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
9	T.Nataraja	1537010039	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
10	A.Pravin	1537010036	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu



11	S.Raja guru	1537010047	IDBI Federal Life Insurance Co Ltd. Coimbatore Branch, Tamilnadu
12	Ramanijothi	1537010042	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
13	R.Sellaperumal	1537010034	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
14	N.Selvaraj	1537010003	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
15	M.Sivaramakrishnan	1537010055	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
16	E.Suriya	1537010011	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
17	S.Syed Imran	1537010004	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
18	L.Venkadesan	1537010015	IDBI Federal Life Insurance Co Ltd. Coimbatore Branch, Tamilnadu
19	R.Vinotha	1537010064	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
20	N.LeninRamkumar	1537010001	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
21	Oviya	1537010027	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu



# CAREER PROGRESS

22	P Anandharaj	1537010038	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu
23	R Veeramani	1537010043	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
24	Dinesh R	1537010048	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
25	S Sridhar	1537010049	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
26	S Thilakmeganadth an	1537010051	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
27	R Santhosh	1537010051	CheminEnviro systems Pvt. Ltd. SIPCOT Industrial Growth Centre, Perundurai, Tamilnadu
28	K/Akilan	1537010014	Tagros Chemicals India Pvt. Ltd. SIPCOT Industrial Complex, Pachayankuppam, Cuddalore, Tamil Nadu

# CANDIDATE ENDOWMENTS

Endowment	Name
Mr.S.Sundara Roa Naidu Chemical Engg. fourth year prize	Karpagamoorthy K
The Excellency the Maharaja of Bhavanagar B.E Chemical Engg. final year prize	Karpagamoorthy K
Dr.M.G .Ramachandran Prize (Chemical Engg.)	Karpagamoorthy K
Thiru T.M.Narayanasamy pillai chemical Engg. prize	Sasiya S
The N.P.Palaniappan Memorial gold medal prize	Karpagamoorthy K
AUETAA S.Rajagopal Chemical Engg. Prize	Vinotha R
Late.Sri.S.Ramaswamy Endowment	Manju N
1956 Batch Alumni of Faculty of Engineering and Technology, Annamalai University Endowment Prize	Karpagamoorthy K
Mr.&Mrs. Krishnaswami Endowment	Karpagamoorthy K





# Student Achievements

Sl.No.	Student Name	Conference	Presentation /Participation	Prize Winner Pace	Date
1.	Nandhini R	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment organized by Department of Chemical Engineering, Annamalai University	Oral	Best	15/02/2019-16/02/2019
2.	Monica K	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment organized by Department of Chemical Engineering, Annamalai University	Oral	Best	15/02/2019-16/02/2019
3.	Vignesh D	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment organized by Department of Chemical Engineering, Annamalai University	Oral	Best	15/02/2019-16/02/2019
4.	Sriraaman M	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment organized by Department of Chemical Engineering, Annamalai University	Oral	Best	15/02/2019-16/02/2019
5.	Gowthaman D	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment organized by Department of Chemical Engineering, Annamalai University	Oral	Best	15/02/2019-16/02/2019
6.	Sabinesh S	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment organized by Department of Chemical Engineering, Annamalai University	Oral	Best	15/02/2019-16/02/2019



# *Conferences and Presentations of Students*

S.No	Name	Conference	Participation/ Presentation	Date
1.	Jaiseelan S	National Conference on Recent Advances in Chemical Engineering (RACE - 2018), Annamalai University	Participant	28/09/2018 - 29/09/2018
2.	Vineeth A	National Conference on Recent Advances in Chemical Engineering (RACE - 2018), Annamalai University	Participant	28/09/2018 - 29/09/2018
3.	Vignesh D	National Conference on Recent Advances in Chemical Engineering (RACE - 2018), Annamalai University	Oral	28/09/2018 - 29/09/2018
4.	Nandhini R	National Conference on Recent Advances in Chemical Engineering (RACE - 2018), Annamalai University	Oral	28/09/2018 - 29/09/2018
5.	Gowthaman D	National Conference on Recent Advances in Chemical Engineering (RACE - 2018), Annamalai University	Participant	28/09/2018 - 29/09/2018
6.	Sriraaman M	National Conference on Recent Advances in Chemical Engineering (RACE - 2018), Annamalai University	Oral	28/09/2018 - 29/09/2018
7.	Vignesh D	National Seminar on Vermibin Management and Marketing of Vermiproducs, Annamalai University	Participant	10-10-2018
8.	Jaiseelan S	National Seminar on Vermibin Management and Marketing of Vermiproducs, Annamalai University	Participant	10-10-2018

9.	Sriraaman M	National Seminar on Vermibin Management and Marketing of Vermiproducs, Annamalai University	Participant	10-10-2018
10.	Abdulkader M	International Conference on Bioenergy, Environment and Sustainable Technology, Arunai Engineering College, Tiruvannamalai	Oral	28/01/2019 - 30/01/2019
11.	Sriraaman M	National Seminar on Digital Marketing, Department of Business Administration, Annamalai University	Oral	01-02-2019
12.	Dhanapriya S	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019 - 16/02/2019
13.	Gowthaman D	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019 - 16/02/2019
14.	Monica K	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019 - 16/02/2019
15.	Ponmudi K	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019 - 16/02/2019

16.	Gokul B	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
17.	Sheak Dhowoth K	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019-16/02/2019
18.	Abdulkader M	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019-16/02/2019
19.	Dharanidharan D	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
20.	Stephan B	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
21.	Jaiseelan S	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
22.	Vineeth A	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
23.	Vignesh D	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019-16/02/2019



24.	Nithishkumar R	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
25.	Monisha G	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
26.	Sriraaman M	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019-16/02/2019
27.	Sriraaman M	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Oral	15/02/2019-16/02/2019
28.	Ajay R	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
29.	Prabhudeva G	National Conference on Challenges in Chemical Engineering and Biosciences for Sustainable Environment, Department of Chemical Engineering, Annamalai University	Participant	15/02/2019-16/02/2019
30.	Vignesh D	International Conference on Recent Innovations in Bio sustainability and Environmental Research, Department of Zoology, Annamalai University	Oral	20/02/2019-22/02/2019
31.	Sriraaman M	International Conference on Recent Innovations in Bio sustainability and Environmental Research, Department of Zoology, Annamalai University	Oral	20/02/2019-22/02/2019
32.	Vignesh D	National Seminar cum State level Students Convention organized by IE(I)- Chennai	Oral	11/03/2019-12/03/2019

33.	Sriraaman M	National Seminar cum State level Students Convention organized by IE(I)- Chennai	Oral	11/03/2019 - 12/03/2019
34.	Sriraaman M	National Seminar on Marine Resources Including Mangroves organized by the CAS in Marine Biology, Annamalai University	Oral	11-03-2019
35.	Monica K	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
36.	Monisha G	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
37.	Gokul B	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
38.	Gowthaman D	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
39.	Nithishkumar R	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
40.	Gopalakrishnan K	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
41.	Dharanidharan D	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
42.	Vineeth A	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
43.	Vignesh D	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
44.	Sheak Dhowoth K	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
45.	Sriraaman M	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
46.	Stephan B	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019

47.	Sabinesh S	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
48.	Veeramani G	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
49.	Vinoth V	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
50.	Loganadhan B	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
51.	Vinoth V	One day seminar organized by Gandhi mantram,Chidhambaram	Participant	17-03-2019
52.	Loganadhan B	One day seminar organized by Gandhi mantram,Chidhambaram	Participant	17-03-2019
53.	Stephan B	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
54.	Ponmudi K	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
55.	Gowthaman D	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
56.	Gokul B	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
57.	Abdulkader M	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
58.	Dharanidharan D	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
59.	Vineeth A	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019



61.	Sheak Dhowth K	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
62.	Nithishkumar R	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
63.	Sriraaman M	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
64.	Ajay R	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Oral	22/03/2019 - 23/03/2019
65.	Sriraaman M	National Seminar on Environmental Issues organized by the Department of Sociology, Annamalai University	Oral	22/03/2019 - 23/03/2019
66.	Vignesh D	National Seminar on Environmental Issues organized by the Department of Sociology, Annamalai University	Oral	22/03/2019 - 23/03/2019
67.	Ajay R	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
68.	Prabhudeva G	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
69.	Sivasankar M	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
70.	Gobika P	National Conference on Food Processing and Preservation, Department of Chemical Engineering, Annamalai University	Participant	22/03/2019 - 23/03/2019
71.	Gobika P	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
72.	Bharathraj K	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
73.	Monisha G	InChES-2019 - Paper presentation seminar, Department of Chemical Engineering, Annamalai University	Oral	15/03/2019
74.	Vignesh Dhandapani	Technological Association Institute of Chemical Technology (SCHEMCON) ,Mumbai	Poster	2018
75.	Sabthagiri Vasan P	Institution of Chemical Technology (SCHEMCON) ,Mumbai	Oral	2018

# SCHEMCON – 2K18

SCHEMCON 2k18 was organised at Institute of Chemical Technology, Mumbai in 2018 by Indian Institute of Chemical Engineers Student Chapter. Our Students took part in the event by Presenting papers in oral and Poster Presentation .



# Department of Chemical Engineering

## InChES 2k19



A two-day national level technical symposium, Interuniversity Chemical Engineering Students Symposium (InChES 2K19) was organized. 40 students from different colleges and universities participated and presented research papers. A **Cultural programme** was arranged at the AUMTEC'71 Hall, FEAT in the evening





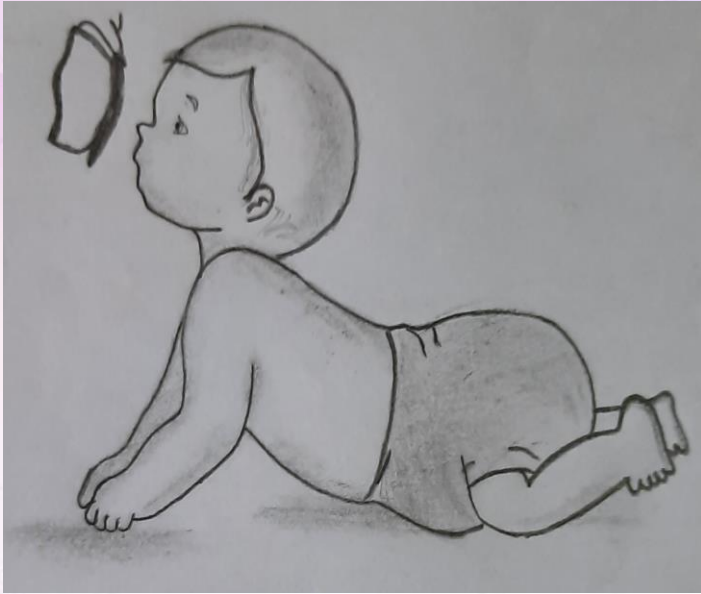
## Student's paper presentation seminar InChEs – 2019 was organized during April 2019

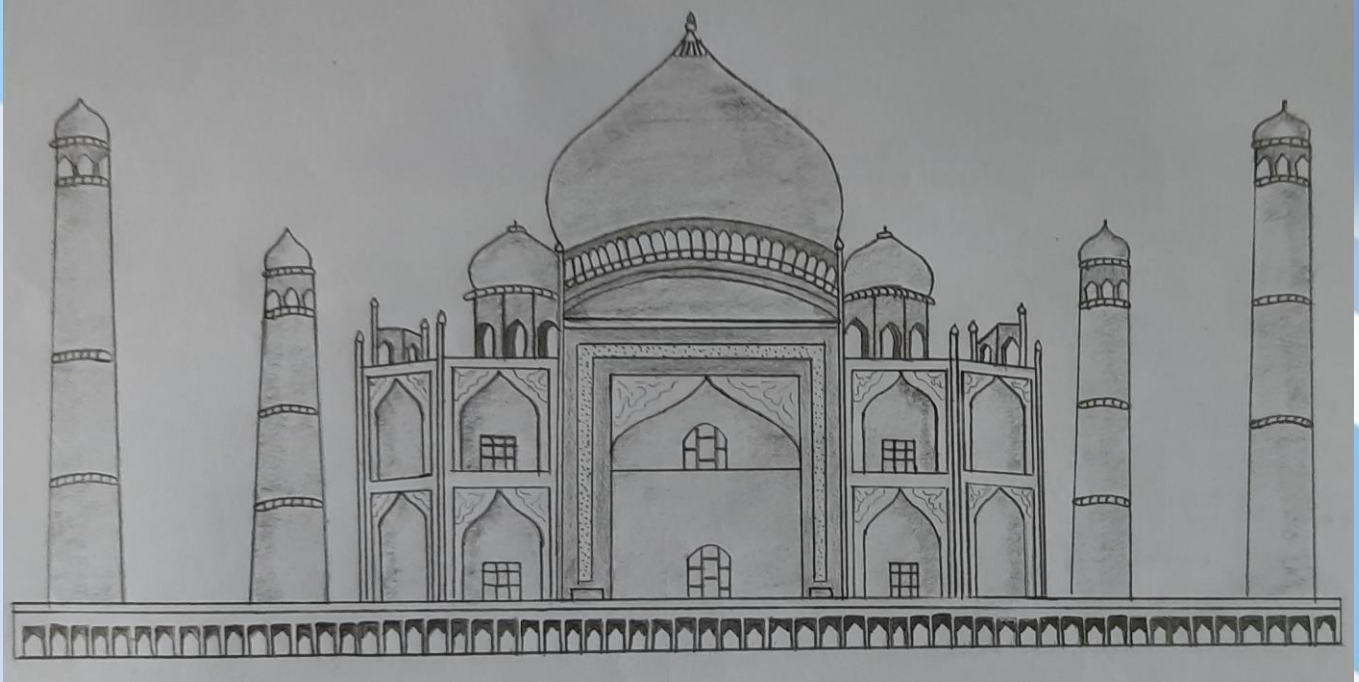
The seminar assumes significance as it enhances the students' exposure between various Universities and Institutes. The essential social needs such as nutrition, health, energy, and environment rely on the advancement of Chemical engineering. We need to ensure that the talents of the youth are replenished and the intelligent vigour is sustained in the future. The Conference has provided rich exposure to the student fraternity about the latest developments in Chemical Engineering and related fields.





# Student Creativity





Nirubamaa D-IV Semester



வாய்நீக்கையில் வெளிநி அடைந்திட.....

வாய்நீக்கை ஒரு சுவால்	...	அதைச் சமாளி.
வாய்நீக்கை ஒரு சாதசம்	...	அதில் துணிவு காட்டு
வாய்நீக்கை ஒரு சோகம்	...	அதைத் தூக்கி விடு
வாய்நீக்கை ஒரு துன்பம்	...	அதை சூழ்ந்து விடு
வாய்நீக்கை ஒரு வினாயம்	...	அதில் பங்கு ரொள்ளி
வாய்நீக்கை ஒரு துன்பம்	...	அதை எதிரி ரொள்ளி
வாய்நீக்கை ஒரு புதிர்	...	அதற்கு விடை காண
வாய்நீக்கை ஒரு சூழ்நிலை	...	அதைத் தீர்க்குவிடு
வாய்நீக்கை ஒரு பாபம்	...	அதைப் படித்து விடு
வாய்நீக்கை ஒரு வாய்ப்பு	...	அதைப் பயன்படுத்து.
வாய்நீக்கை ஒரு பயணம்	...	அதைத் தவிர்த்துவிடு
வாய்நீக்கை ஒரு வாக்குறுதி	...	அதனை நிறைவேற்றி.
வாய்நீக்கை ஒரு உபாசம்	...	அதனுடன் உபாசம்
வாய்நீக்கை ஒரு காதல்	...	அதனை அனுபவி
வாய்நீக்கை ஒரு கலகம்	...	அதனை அமைத்துவிடு
வாய்நீக்கை ஒரு வண்பு	...	அதன் புகழ்பாடு
வாய்நீக்கை ஒரு தெய்வம்	...	அதனைப் புரிந்து ரொள்ளி
வாய்நீக்கை ஒரு பரிசு	...	அதைப் பெற்றுக் ரொள்ளி

- M.D. திருமதி B.E (chemical) , சிறுதுடி.

# Social Activities



*Blood donation camp organised by our Cadets on 09/10/2018*





Plantation of Saplings, FEAT, Hostel Campus was organized by IChE-ANRC in association with Department of Chemical Engineering, Annamalai University in the GJR Hall, Faculty of Engineering And Technology, Annamalai University for the IChE members, PG students, Research Scholars and Academicians,







Tree plantation program by our Cadets promoting Green Environm

