



VOLUME-IX



rasagyan

WINGS OF CHEM KNOWLEDGE

2023-24



EDITORS NOTE

Chief Editor **Mr.V.Ganesh Abhinav**

I am V Ganesh Abhinav new Chief Editor, And my team beginning with the Rasagyan Magazine, Redesigned and Re-imagined, we will learn from one another what a magazine is, and what it can be, in our always changing new world.

We have turned seven and are proud to say that you are holding the edition in your hands. We invite you to feast your eyes and warm your soul with this edition. As tradition goes, each year the magazine is created by a group of bright and diligent students.

It never ceases to amaze us as how many options the youth have today to choose from and out of which many of them choose the difficult ones. We really admire the students who have a clear vision and are working hard to give their best to become who they want to be. This comes naturally to some and not so naturally to others. Every student has their own struggle, some bigger and harder than the others. But what matters is that how the students inspire us with their experiences.

We would like to thank our department faculty advisor Mr.B. Pradeep Santosh Kumar sir without whom this magazine would cease to exist.



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DEPARTMENTAL PROFILE OF CHEMICAL ENGINEERING

The Department of Chemical Engineering was started in the year 2012 with a UG programme in Chemical Engineering (60 intake). The Department boasts of a very efficient team of faculty with 6 Ph.D.s and 6 M.E. / M. Tech.s from premier institutions like IISc, IITs, BITS-Pilani and Andhra University. The faculty participates actively in state of the art research and continuously thrives to update knowledge and skills. The department is sanctioned with a UGC major research project worth of Rs. 12.39 lakhs and had completed consultancy project worth of Rs. 0.30 lakhs. The faculty members have expertise in core Chemical Engineering and inter-disciplinary research in the areas of Computational Biology, Bio-process Engineering, Bio-Fuels, Photo-Catalytic Degradation, Chemical Reaction Engineering, Membrane Technology and Industrial Pollution Control. The department has well equipped laboratories and equipment for inter disciplinary research in the fields of Bio-technology and Nano-technology. The major equipment are UV spectrometer, Bio-reactor, laminar air flow chamber, autoclave and the fermenter.



The students of Chemical Engineering are placed across various IT industries like Infosys, IBM, Mu Sigma and Ux Reactor and in core industries like Torrecid, Ocean India, Divis laboratories, Teejay India Pvt. Ltd., NCL and Deccan Fine Chemicals Pvt. Ltd. etc.. Students to their credit have won many prizes in curricular, co-curricular and extra-curricular activities conducted at various IITs, NITs and reputed institutes across the country. Students are also encouraged to study further for their PG and Research in India and abroad. RACE (Rays of ANITS Chemical Engineers) the student body of the Department of Chemical Engineering organizes a two-day National level Tech fest named “CHEMFLARE-2020” to exhibit their technical and non-technical talents. Team work among students is encouraged to inculcate positive work habits and passion to work wisely, creatively and effectively. RACE body recognizes its social responsibility by providing essential utilities and donations to an orphanage named “4 THE PEOPLE”.

Faculty Profile

1.Prof.S.Subba Ras: Major research interests include Bio-chemical engineering, Mineral processing engineering and Chemical reaction engineering Worked on industrial fermentation for producing Citric acid, Glutamic acid, Immobilization of enzymes and whole cells, Reactive distillation and Grinding studies. Successfully completed UGC Major Research Project entitled "Optimization of production parameters, extraction and characterization of a medicinally important drug Violacein by Solid State fermentation".

2.Prof. V. Sridevi: Major research interests are Bio-Technology, Optimization of Bio-Processes. Currently working on isolation of novel micro organisms from various sources and their utilization to produce value added products.

3.Prof.R.Srikanth: Major research interests are Membrane Separation, Modelling & Simulation and Optimization. Currently working in the areas of modelling & environment. Worked on AICTE MODROB project "Development of analysis of oriented chemistry laboratory". Published 15 research papers in national and international journals. Member of Board of studies for INTU Anantapur and CUTM.

4.Dr. Ch.Anil, Associate Professor & Head: Major research interests are in process modeling, simulation, optimization and control. Currently working on microbial fuel cells and desalination techniques to promote socio-environment technologies. Published various research articles related to Proportional Integral and Derivative controller settings for Jacketed Continuous Stirred Tank Reactor, Level controlling system in distillation column, Boiler steam drum, Paper drum dryer cans, Surge tanks and Bioreactors.

5.Mr.M.Koteswara Rao, Assistant Professor: Major research interests are in process modeling, simulation, optimization and control. Currently working on Proportional Integral and Derivative controller for MIMO systems.

6.Dr.Anjali Dasari, Assistant Professor: Major research interests are study of hydrodynamics of viscous oil water flow through various pipe networks, CFD simulations and water treatment techniques. Currently working on bio-sorption to treat pharmaceutical waste water,

7.Mr.D.Guru Mahesh, Assistant professor: Major research interests are Fermentation, Molecular Biology, Bio-chemistry, Biology, Human values, Bio-informatics, Molecular Docking. Successfully completed a UGC Major Research Project entitled "Optimization of production parameters, extraction and characterization of a medicinally important drug Violacein by solid state fermentation". Published various research papers related to optimization of fermentation medium for the production of ethanol from jaggery using Box-Behnken design.

Faculty Profile

8.Ms. S. Harika, Assistant Professor: Major research interests are in battery technology, water treatment techniques. Currently working on phase change materials for LIPO cells.

9.Dr. K. China Malakondaiah, Assistant Professor: Major research interests are electro-chemical techniques for ceramic and composite membrane fabrication for water purification. Presently working on bacteria removal from synthetic solutions using low cost laboratory fabricated ceramic membranes.

10.Mr. B. Pradeep Santosh Kumar, Assistant Professor: Major research areas of interest include Chemical Looping Combustion, Under Coal Gasification (UCG) and Synthesis of Effective Adsorbents. Currently working on photo-catalytic degradation of heavy metals and pathogens present in contaminated drinking water using perovskites.



My beloved

I'm getting down slowly..irritated on my own life I have a mother who is being treated for a disease and a father with thousands of love and hundreds of anger.. I'm a girl who is more expressive with mom but when she is down I can't even give an eye contact to her cuz I'll get sorrow very soon when I see her low if there is another life I want her as my daughter.I just wanna go back to my childhood where i used to sleep beside her she used to say stories and everyday a kiss on my forehead that moment I slept and also going for rides, eating ice-cream and smiling louder no it's laugh,those were the best days of life where we don't have a little worry,but now all smiles became fake and laughter is no more..almost everything was changed but the thing is we need to accept the situation.sometimes accepting may be difficult but we should overcome it, if not we cannot live this life.



B. Gnana Sai (III/IV)

మహిళా కర్ణధారి

అనగనగా ఒక ఊరులో... ఒక అమ్మాయి... ఆడుతూ పాడుతూ చలకిగా ఉంటుంది. తనకి కొన్ని ఆలోచనలు ఉన్నాయి.. ఒక రోజు రాకెట్ చూసి అంతరిక్షంలోకి వెళ్ళాలి అని కోరిక పుడుతుంది. అప్పుడు వాళ్ళ నాన్నగారి దగ్గరకు వెళ్ళి తన కోరికను తెలియజేస్తుంది. అప్పుడు వాళ్ళ నాన్నగారు ఏంటమ్మా గాలిలోకి ఎగరాలని కోరికగా ఉందా అని అడుగుతారు. అప్పుడు తను అవును నాన్న అని చెబుతుంది. అప్పుడు కర్ణధారి అవ్వాలి అంటే చాలా పట్టుదల ఉండాలి, బాగా చదువుకోవాలి, ఎందిరినో ఎదిరించాలి, ఎన్నెన్నో కష్టాలను దాటి రావాలి అని చెప్తారు. సరే నాన్నగారు నా ప్రాణం పోయే వరకు నా పట్టుదలని మాత్రం వదలను అని చెబుతుంది. తను "A MAN CAN BE A PILOT .. WHY CAN'T A WOMAN".. అని నమ్మి చదువు పూర్తయిన తరువాత అంతరిక్షంనకు సంబంధించినవి చదవడం, తెలుసుకోవడం, శ్రద్ధ వహించడం చేస్తుంది. ఏకాగ్రతతో తను ట్టు వదలకుండా తన కలని సాధించే ప్రయత్నంలో ఉంటుంది. చూడు సంవత్సరాల తరువాత " జూనియర్ అసిస్టెంట్ గా" నియమించబడుతుంది. అక్కడలో పట్టువదలకుండా అధిక హోదా వాళ్ళని చేరి వాళ్ళ దగ్గర ఎన్నో విషయాలను తెలుసుకొని రెండు సంవత్సరాల తరువాత కర్ణధారి (Pilot) అవుతుంది.

తన శిక్షణ పూర్తి చేసుకొని ఇంటికి తిరిగి వెళ్ళుతుంది అప్పటికే వాళ్ళ తల్లిదండ్రులు చనిపోయి ఉంటారు. వాళ్ళ అమ్మానాన్న చిత్రపటం దగ్గరకు వెళ్ళి వాళ్ళతో ఇలా అంటుంది, నాన్నా నా శిక్షణ పూర్తయింది. మీరు చెప్పినట్లే ఎన్నో కష్టాలని దాటుకొని పూర్తి చేసాను. కానీ ఇప్పుడే అసలు పరీక్ష మొదలుయింది. నాతో పాటు ఎంపికలో ఒక అబ్బాయి కూడా ఉన్నాడు. ఇప్పటి వరకు పడిన కష్టమంతా వృధా అవుతుందేమో అని భయంగా ఉందని చెబుతుంది..

"తను ఒక అమ్మాయి అనే కారణంతో తీసిపడేస్తారేమో అని భాద పడుతుంది. కళ్ళు తుడచుకొని అయినా సరే నేను నా పట్టుదల వదలను అని చెబుతుంది.

ఎంపికల రోజు...

మహిళా కర్ణధారి

తను, తన ప్రక్కన ఒక అబ్బాయి నిలబడి ఉంటారు. మీ ఇద్దరిలో అన్ని సామర్థ్యాలు సమానంగా ఉన్నాయి. కానీ ఈ మిషన్ కి అబ్బాయినే ఎంపిక చేస్తాము.. అని కమాండర్ అంటారు.

ఆ మాటలకు తను నిరాశపడుతుంది. తరువాత కమాండర్ మిషన్ యొక్క నియమాలు చెప్తారు. అప్పుడు మరణించే సూచనలు ఉండడం వల్ల అబ్బాయి తప్పుకుంటాడు. అది చూసి కమాండర్ మిషన్ కి ధైర్యం చాలా అవసరం. నువ్వు ఇలా వెనక్కి తప్పుకోగానే మన మహిళా కర్ణధారి తన ముఖం పైకి లేపింది. తనలో ధైర్యం తన కళ్ళల్లో తెలుస్తుంది. అందుచేతనే తను ఈ మిషన్ కి ఎంపిక అవుతుంది అని చెప్తారు.

దానితో మన మహిళా కర్ణధారి కల నిజం అవుతుంది అప్పుడు గతంలో వాళ్ళ నాన్నగారు చెప్పిన మాటలు తనకు గుర్తువస్తాయి.

ఆయన మాటలు; "ఏ మనిషికైనా ఉండాలింది ధైర్యం, సాహసం మరియు ఓపిక, ముఖ్యంగా మీ అమ్మాయిలకి మీ మీద మీకు నమ్మకం, ధృఢ సంకల్పం ఉంటే ఏదైనా సాధించగలరు."

ఆ మాటలు గుర్తు చేసుకుంటూ తన కలను పూర్తి చేసుకునే దిశగా అంతరిక్షంలోకి పయనం సాగిస్తుంది ..

A. YAMUNA (II/IV)

RACE

RAYS OF ANITS CHEMICAL ENGINEERING



Rays of ANITS Chemical Engineers or shortly known as RACE is a student association of the Department of Chemical Engineering which has been successfully empowering students since 2015 by providing a platform to improve and display their curricular, co-curricular, social and extra-curricular skills both educationally and recreationally. The main objective of RACE is to plan and take lead in various activities and events that enhances the students' will power and instill confidence in them to overcome their fears and face new challenges in the society.

The RACE association is guided by the department's esteemed faculty members who put all their effort and time in guiding the members of the RACE body to make the events successful. From the time of its birth the RACE body has conducted various national student conferences, interactive sessions with eminent personalities and various activities which bring out the inner talents of the students.

The following are the various activities conducted by the RACE during the academic year 2023-24

RACE

RAYS OF ANITS CHEMICAL ENGINEERING

Outreach Activity

To Engage and give moral support to the children at Anandha Marga orphanage on 10 th September, 2023.

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with RACE Students chapter organized an event to engage and give moral support to the children at Anandha Marga orphanage on 10-09-2023. Prof. Sri Ramakrishna, Principal, ANITS acknowledged the students for providing a helping hand to children in orphanages. Students visited the orphanage and engaged the students in some recreational activities such that students will be relieved from the stress.

After these activities, food is distributed to the children and eaten with the children to motivate them that they are not alone. At the end of the day, students distributed stationary items and books to the children. The orphanage coordinator informed that this activity encouraged and motivated the orphanage children. A total of 50 students participated in the event and made it a meaningful event for the children.



Outreach Activity

To Celebrate Spirit of Children's Day at Orphanage Home for Physically Challenged Children, Madhuravada On 14th November, 2023

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with The Department of Electronics and Communication Engineering, ANITS organized an outreach event to celebrate the spirit of children's day at Orphanage Home for Physically Challenged Children, Madhuravada on 14th November, 2023 on the occasion of Children's day and inview of Quami Ektha Week (19th to 24th November).

This event is mainly aims to celebrate the children's day by spreading joy and happiness among the children at the orphanage and promoting unity and compassion during the Quami Ektha Week. During the stay at orphanage, students engaged with the orphan students in some recreational activities like conducting creative games, showing some motivational videos, such that students will be relieved from the stress and rejuvenated. Then after these activities, food is distributed to the children and eaten with the children to motivate them that they are not alone and also celebrated one of the orphan students birth day on that day. It was indeed very satisfying experience for students, as they could bring smiles on children faces. They realized that one contributes and understand his/her social responsibilities towards society.



Hush Ball Activity

(Capacity development activity to get rid of stress)

The Department of Chemical Engineering, ANITS, and Visakhapatnam convened an event to get some extent relaxation by conducting hush ball event for the students of second year. This event was conducted by Dr. K. China Malakondaiah along with the support of Dr. D. Anjali for peer review of given conditions imposed to this event. All the students actively participated and enjoyed the event with joy and smiles. Further, they expressed more interest and requested the faculty to conduct some more events as such type of events will motivate/encourage the students with fresh mind. Eventually, the students showed utmost response to this versatile relaxation event and made the event grand success.



Extension Activity On

CONSERVATION OF WATER AND PURIFICATION TECHNOLOGIES

On 23rd December, 2023

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with RACE Students chapter organized a NSS extension Programme on "Conservation of water and Purification Technologies" on 23-12-2023 at Peddipalem village. Prof. Sri Ramakrishna, Principal, ANITS acknowledged the students for providing knowledge to village people on water conservation purification technologies. The Extension Programme on "Conservation of Water and Purification Technologies" was organized to address the pressing issues of water scarcity and contamination. The program aimed to educate and engage village communities in adopting water conservation practices and implementing advanced purification technologies. A total of 50 students and 3 faculty members are participated.



Capacity Development Activity (Language and Communication Skills)



The Department of Chemical Engineering, ANITS, Visakhapatnam convened an event to inculcate communication skills to the students of second year. Yet this event was conducted by Dr. Anjali Dasari along with the support of Dr. P Prasanna Kumari, Assistant Professor, Department of Humanities as a guest to conduct the event. As a part of the event she highlighted on how to introduce yourself, resume writing, and also conducted a debate on “Free education is given for college students”. Students are actively participated in the debate and enjoyed the event. Further, they expressed more interest and requested the faculty to conduct some more events as like this and such type of events will increases the communication skills of the students. Eventually, the students showed utmost response to event and made the event success.

Swatch Bharat-Clean and Green on 23rd December, 2023

Department of Chemical engineering in Association with NSS ANITS, has conducted Swatch Bharat-Clean and Green Programme on 23rd December 2023. Students of first year and second year have actively participated in this event and made department premises clean and crystal clear.



Ascendency of movies on students

Movies play a vital role in student's life. That movies impact the mind of Student in various manner. so, the presentation of now-a-days movies, were of approach and even no good Coming change it self. in very wrong way These movies have no good message central idea. There ufon, the should be brought only by students'.

We as growing up responsible citizens of society. Every individual should take this as Which a serious action mislead as this has violent content the ideology of student. Only Student could make his Shall take educational Skills bring good society with all & knowledge. This atleast us hope for coming generation's and the steps in making movies and representing them in a better with student to make ages. way for making conception better nation for coming

A- Gowtham(II/IV)

Work Shops

Value added course on “Safety in Process Industries” 17th – 23rd August, 2023

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with ANITS IChE Students chapter under Waltair Regional Centre organized a value-added course on, “Safety in Process Industries”, during 17-08-2023 to 23-08-2023. The course is made into 6 modules covering the important aspects of Safety; these are as given below Introduction to Safety, Loss statistics & Toxicology, Industrial Hygiene, Fires & Explosion, Relief Concepts & Sizing, Hazards Identification Methods, Risk Assessment Methods. A total of 32 students attended the course.

Details of the resource person:

1. Prof. R. Srikanth, Professor, Department of Chemical Engineering, ANITS
2. Dr. Ch. Anil, Associate Professor, Department of Chemical Engineering, ANITS
3. Ms. S. Harika, Assistant Professor, Department of Chemical Engineering, ANITS
4. Dr. D. Anjali, Assistant Professor, Department of Chemical Engineering, ANITS



Fig. 1: A Lecture on overview of Safety in Process Industries



Fig. 2: Case Study Explanation during Value added course

Work Shops

Two Day National v on “Artificial Intelligence for Chemical Engineers” during 29 - 30 December, 2023

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with ANITS IChE Students chapter organized a two day workshop on “Artificial Intelligence for Chemical Engineers”, during 29-12-2023 to 30-12-2023.

Prof. KV Ramesh, Professor, Department of Chemical Engineering, Andhra University is the Keynote speaker - I enlightened the students on the importance of artificial intelligence in the field of Chemical Engineering. He mentioned that artificial intelligence is used to improve process safety, process optimization, and process plant performance.

Prof. B Srinivas, Professor, Department of Chemical Engineering, GVP College of Engineering is the keynote speaker - II gave a hands-on training session on linear regression, and polynomial regression for a batch reactor. He also presented the image analysis used in medical diagnosis.

A total of 60 students attended the course, developed programming and problem solving skills.



Fig. 1: Inaugural session



Fig. 2: Session by Prof. KV Ramesh



Fig. 3: Session Prof. B. Srinivas

Broken wings, Rising spirit...

The story begins with a Muslim girl from a village who obediently agrees to marry a boy chosen by her parents. However, the marriage turns out to be a terrible one, marked by neglect and abandonment. One fateful day, they meet with a car accident, and while the girl suffers severe injuries, her husband leaves her behind without any concern for her well-being. This incident leaves her physically and emotionally scarred, as she loses both her legs and endures immense pain during a two-year-long hospitalization.

Despite her suffering, the girl finds the strength to rebuild her life. She reflects on her challenges and realizes that one of her deepest desires, to have children, will not come true. However, instead of dwelling on her own pain, she shifts her focus to helping others. Recognizing the plight of orphaned children, she decides to adopt them and gives them the love and care of a mother, finding fulfillment in motherhood despite her own physical limitations.

Driven by a desire for independence and a determination to make a positive impact, she joins a news channel as a newsreader, marking a significant step towards reclaiming her life. As she progresses in her career, she discovers a passion for motivating others through her own story of resilience and overcoming adversity. With her powerful message of hope and perseverance, she becomes a renowned motivational speaker, inspiring countless individuals around the world with her journey of triumph over tragedy.

In the end, the girl, now known as Muniba Mazari, embodies the spirit of resilience and compassion, proving that even in the face of unimaginable challenges, it is possible to find purpose, strength, and happiness. Her story serves as a beacon of hope for anyone facing adversity, reminding them that they have the power to transform their lives and inspire others in the process.

G. Aparna(III/IV)



M/s Visakha Dairy, Visakhapatnam

As a part of the industrial visit, The Department of Chemical Engineering arranged a visit to M/s Visakha Dairy, Visakhapatnam. In view of this, the students of II/IV and I/IV B.Tech Chemical Engineering visited the Dairy on October 10th 2023.

Two faculty members accompanied the students during the visit.

The students and faculty reached the Visakha Dairy from college at 10 AM. The dairy personnel briefed the history of Visakha Dairy and the process of collection and distribution of milk from and to various places. After briefing the personnel took the students and teachers to various unit operations involved in dairy such as homogenization, pasteurization and packaging. The personnel also explained the various products manufactured in the Visakha industry such as various types of milk, curd, paneer, skimmed milk, butter, pure ghee, yogurt, doodhpeda etc. The students gained knowledge and understood the collection and processing of milk in the dairy industry.



Naval Science & Technological Laboratory (NSTL)

As a part of the industrial visit, The Department of Chemical Engineering arranged a visit to NSTL, DRDO, Visakhapatnam on the eve of National Science Technology Day celebration. In view of this, the students of III/IV and II/IV B.Tech Chemical Engineering visited the open-house exhibition & project expo on May 10th 2023. Two faculty members accompanied the students during the visit.

One of the defence personnel accommodated the students in the auditorium to get awareness on NSTL and its functioning since 1969. Further, the footage of NSTL in both English as well as Hindi was presented prior to the open-house exhibition. Many of the exhibition models were IoT based like recycling household water for gardening and some other model like smart board teaching developed using python coding, smart irrigation, smart stock management, aquaponic gardening, security alert, voice control wheel chair, river cleaning boat, smart helmet, accident detection and alerting in railway, alcohol sensing and eye blinking detector to prevent from accidents in automobiles, smart roads for charging vehicles etc. are presented by colleges and schools too.

After the exhibition, the students are then moved to NSTL developed weapons like Torpedoes (Varunastra) and underwater vehicles for detecting the failed torpedo while conducting trials.

The role of Chemical Engineering in the field of battery section of the torpedo is highlighted to educate the students in inter-disciplinary research.

Eventually, the students felt happy with advanced armed weapons exhibition as well as smart models for society/industry. The NSTL visit give the flights for hope to the students in view of better career prospects in the DRDO labs.



CHEMINEER CLICKS



N.Sailaja (II/IV)



M. Gayatri (III/IV)



G. Pawan Kumar (III/IV)



R. Bindu Asha (III/IV)



K. Ganesh (III/IV)

इंजीनियरिंग के रंग: शायरी की नजर

टेक्नोलॉजी की दुनिया में,
हर रोज़ नई रोशनी है,
ज्ञान की अनंत महासागर में,
हर पल नई कहानी है।

कोडिंग की धारा में,
अपनी प्रतिभा का परिचय दो,
टेक्नोलॉजी के मंच पर,
हर दिन अपने सपने बुनो।

कोड लिखते रहो, बगैर थके,
इनोवेशन की धारा में बहते रहो,
हर चुनौती को आत्मविश्वास से हरो,
अगलै स्तर की ओर बढ़ते रहो।

कोड की दुनिया में,
लोगों की भाषा बोलो,
समस्याओं को हल करो,
इंजीनियरिंग की बाजी जीतो।

Pradip Kumar Sahoo (III/IV)

Chemflare 2023 – The Tech Feast

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with RACE (Rays of ANITS Chemical Engineers) & ANITS IChE Students chapter under Walter Region Centre organized a two day National student conference, “CHEMFLARE-2023”, during 2nd and 3rd March 2023. Prof. R. Srikanth, Head of the chemical Engineering department, ANITS is the president of the inaugural function, Dr. Ch. Anil, Faculty convener, Mr. P. Naveen Kumar, Student president RACE body were also present on the dais.

Prof. R. Srikanth, advised students to be actively involved in workshops, conferences, technical fests conducted. He informed that, the chemical engineers are good at cause and effect of the process. He advised students to be like big fish in small pond but not like a small fish in a big lake. He emphasized that the future is for Electric Vehicles, Catalysis, Biotechnology and Nanotechnology.

Dr. Ch. Anil, Faculty convener, highlighted the difference between the academic environment and industrial environment. He expressed that, the department will always encourages students to participate in various technical and extra-curricular activities. He also informed that, such events and activities will be organized in future also for the benefit of the students. He also informed the activities of the CHEMFLARE-2023 such as Resonate (paper presentation), Re-vibe (poster presentation), reflux (model expo), reminisce (cross word), spot events like mock





MODEL EXHIBITION

The main objective of this exhibition was to enhance the basic chemical engineering knowledge by shaping the ideas in the form of sophisticated models. Prizes were distributed to the best models which sustain to the modern technologies.

PAPER PRESENTATION

The main objective of this event is to introduce the latest trends in research and technology and also to develop the presentation and communication skills of an individual. Students showed their mettle during the CHEMFLARE 2k22 around 30 papers were presented.



POSTER PRESENTATION

The main objective of this event is to enhance the students to showcase their creative skills. Posture presentation is a key component of communicating science and an important element in successful career

Culturals





DEPARTMENT OF CHEMICAL ENGINEERING

YEAR
2023-24



Fifteen of 2024 Chemical Batch students have selected for **“MSN Laboratories”** Organization, with a Package of 3.06 LPA



Four of 2024 Chemical Batch students have selected for **“Laurus Laboratories”** Organization, with a Package of 3.05 LPA

Four of 2024 Chemical Batch students have selected for **“Deccan fine chemicals”** Organization, with a Package of 3.5 LPA & 4 LPA



Placements

2023-24

Congratulations

Four of 2024 Chemical Batch students have selected for “**PINNACLE**” Organization, with a Package of 6 LPA



Five of 2024 Chemical Batch students have selected for “**INOX, AIR Products**” Organization with a Package of 3.74 LPA

What make me feel ambivalence?

The story was started in early child hood ,we were given holiday for Raksha Bandhan , I am eagerly waiting for the day as my friends were preparing presents for their sista, likewise I also prepared a greeting card . The day has come ,I ran quickly towards my mother with the greeting card .Then I found my mom with glum face and started blubbering after seeing the card , but she controlled herself , then I got to know that I was solo offspring.

Then I feel depressed ,as iam 4yrs old. Being a single child can be a rollercoaster of emotions . There are times I feel a bit lonely &wish to had siblings to play and share experiences with.

It feels like I am missing out on having a built in playmate or someone to share my secrets with & to celebrate festivals by wearing twinning outfits.

At times the only motive that drives me is ,solo focus of my parents .I started feeling happy and special ,knowing that I have all my parents love and attention just for myself. Thinking of being lonely is changed to enjoying the closest bond with my MOM & DAD .

Growing older, the responsibilities are more on my shoulders and little pressure to fulfill my parents expectations and carry on the family legacy.

Despite all the challenges ,Being a single child also presents unique opportunities for personal growth and independence.

Ultimately, the ambivalence of being a single child is a deeply personal experience that varies from individual's .It's important to embrace the advantages navigate the challenges and find ways to build meaningful connections.

Lastly I believe that being a single child is just one aspect of your identity, and it doesn't define who you are as a person.

EMBRANCE YOUR UNIQUENESS ,CHERISH THE RELATION SHIPS YOU HAVE & CREATE YOUR OWN PATH IN LIFE.

B. Sai Tarun(III/IV)

ఉత్తరాంధ్ర జీవ నాడీ

కదలిరండి కదలిరండి జనులారా, కష్టాన్ని నమ్మి బ్రతికే ఎర్రవాయి పుత్రులారా. మీ కష్టాలను చూసి తపించి వస్తున్నాను. గోదారమ్మ కడుపున పుట్టి పల్లపు నేలను చుట్టుకువస్తూ సందేశాలని తెస్తున్నాను. పల్లపు నేలల పేరు గాలిని, పల్లపు నేలన సంధ్య కాలమును దాటుకుంటా, మీ చీకటిని చెరిపివేయడానికి వస్తున్నాను.

ఖనిజ సంపదలకు నిలయమైన తూర్పు కనుమల మధ్య పుట్టిన ఏలేరమ్మను సందర్శిస్తూ వస్తున్నాను. భీమేశ్వరుని జపమును చేస్తూ, జీవన శైలిని మలుచుకుంటూ, తూర్పు రుచులను ఆస్వాదిస్తూ వస్తున్నాను. నారాయణుడి పాద స్పర్శతో పంపా నదిలో జలకాలాడుతూ వస్తున్నాను. ఉగ్రరూపంతో తాండవించే తాండవనదిని శరనువేడుతూ వస్తున్నాను.

వాన చినుకులను ఒడిచేపట్టుకొని, పచ్చని ప్రకృతిని ప్రతిభింబించే జీవరాసులకు నిలయమైన గిరిలను దాటుకు వస్తున్నాను. మెరక జీడిమామిడి కొమ్మకు పూసిన వయ్యారాల పూత చూచుటకై పరితపిస్తూ అలసటతోవస్తున్నాను.

రాగులు, సజ్జలు, చిరుధాన్యాలతో చిర్పించుటకై వస్తున్నాను. కటిక చీకటిలను కాల రాస్తూ, కరువు కాటకాలను పారద్రోలుతూ కమ్మని మట్టిని పచ్చని పసిడి చేసుటకై ఆశయంతో ఆనందంగా వస్తున్నాను

ఇంకోన్నాళ్లలో నా స్పర్శకై ఎదురుచూస్తూ ఉండండి.

ఇట్లు

మీ ఉత్తరాంధ్ర సుజలా స్రవంతి..

Guest Lectures



“Career opportunities in Chemical Engineering”

Department of Chemical Engineering, ANITS organized a guest lecture on “Carbon Capture Technologies” by Prof. I. Sridhar, HoD-Chemical Engineering, BITS Pilani-Hyderabad on 29th September, 2023. In this lecture Prof. I. Sridhar highlighted various methods used to capture carbon like post combustion carbon capture, pre combustion carbon capture, direct air capture, carbon capture and utilization and integrated carbon capture storage. He also addressed the challenges such as high costs, energy requirements, and the need for appropriate infrastructure and regulatory frameworks. He said that these challenges may become more manageable, making carbon capture an increasingly viable solution for mitigating climate change. He also enlightened the students about the opportunities available for Chemical Engineers in various industries such as pharmaceutical, Petroleum, Paper industry etc. He advised students to have sound knowledge on fundamentals and glimpse on new technological applications. Dr. R.Srikanth, Head, Department of Chemical Engineering, faculty and students participated and benefitted through the lecture.



“Career Awareness Program on Careers through POs and SSC-CGL Examinations”



The Department of Chemical Engineering, ANITS, and Visakhapatnam convened a session on career guidance for the benefit of students for various public sector selections of POS in bank sector & SSC-CGL. In view of this, Mr. Ravi Kumar Dasu & Mr. M.V.S. Santosh Kumar, Indian Academy of Competitive Exam Pvt. Ltd. (IACE) had taken the awareness session towards the public sector jobs followed by interaction with third year students. As part of this session, the students also actively participated and raised doubts to get rid of the glitches for the opportunities in banks and public sector posts. At the last, in this session, 20/35 students of IV/IV were actively participated and acquainted the knowledge towards the public jobs in addition to their campus placements.





“How to build a successful career”

Department of Chemical Engineering, ANITS organized a guest lecture cum interactive session on “How to build a successful career” by Mr. Purna Chandrarao Talluri, Manager, National Council for cement and building materials, Delhi on 20/03/2023. In his lecture he emphasized students with great motivational words like “kaste phali”. He advised students to practice two major things such as hard work and consistency to achieve great success in any field. Students actively participated in an interactive session at the end of the lecture. Dr. R.Srikanth, Head, Department of Chemical Engineering, faculty and students participated and benefitted through the lecture

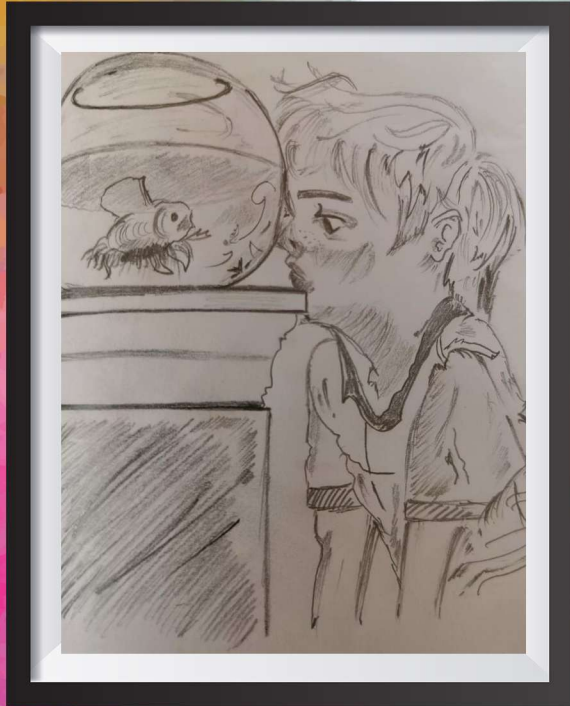


“Troubleshooting -Case Studies in Petroleum industries”

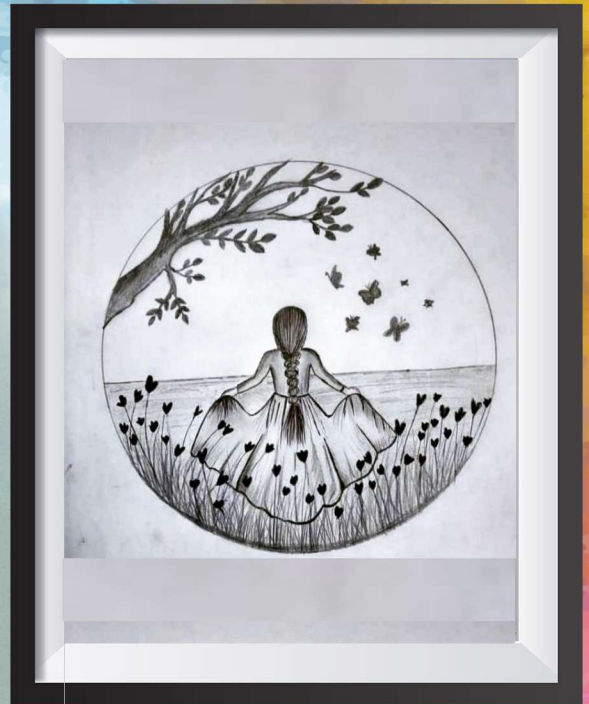
Department of Chemical Engineering, ANITS organized a guest lecture “Troubleshooting -Case Studies in Petroleum industries” by Mr. T.Srinivasa Rao, Lead Process engineer, Sabic, Petrokemya, Saudi Arabia though online on 11/08/2023. In his lecture he emphasized students with great motivational words like “sky is limit”. He enlightened students on various important aspects of Chemical engineering such as how to apply fundamentals, design and usage of poly reactor, refrigeration system and also burn out flux. He advised students to have sound knowledge on new courses like AI and Python. Dr. R.Srikanth, Head, Department of Chemical Engineering, faculty and students participated and benefitted through the lecture.



Notebook to Canvas



G. Reethu (III/IV)



Pradip Kumar Sahoo (III/IV)



Yamini (II/IV)

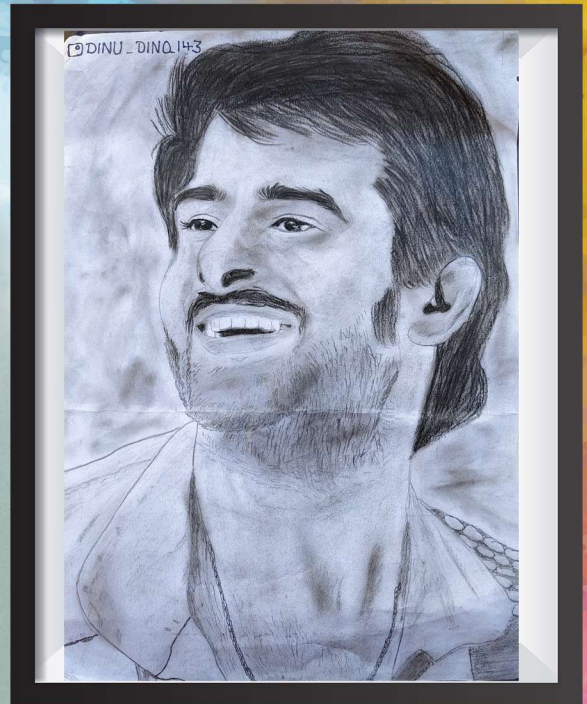


P. Pavitra (III/IV)

Notebook to Canvas



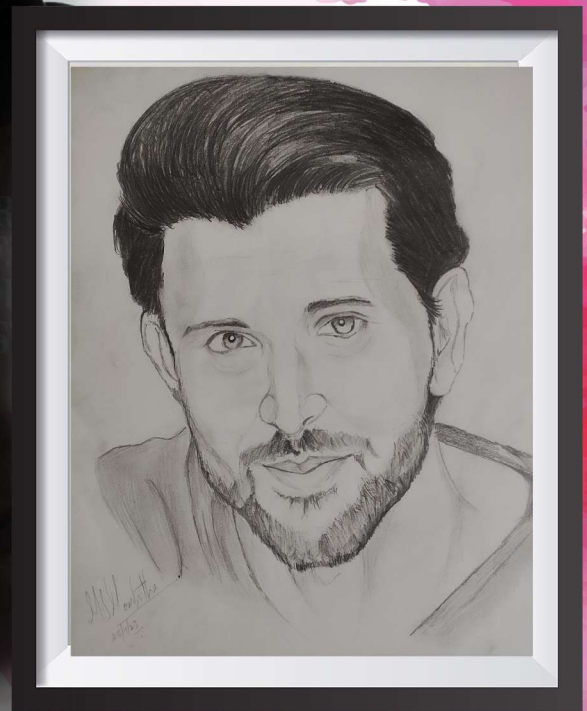
Jagat Aditya Kumar (II/IV)



B. Dinesh (I/IV)



NV Mutyala Rao (I/IV)



Monshita (II/IV)

Faculty Achievements

- 1. Prof. R. Srikanth, Professor, Chemical,** published a paper titled “Effect of Acids and Alkaline Pretreatment of Used Tea Waste Powder under Microwave-Assisted Pretreatment” in an international journal of Key Engineering Materials: Vol 960, No 7, PP: 149-160, October 2023. <https://www.scientific.net/KEM.960.149>
 - 2. Prof. R. Srikanth, Professor, Chemical,** has published paper “Isolation, identification and optimization of potential phenol degrading bacterial strain P7 using Gen III microlog” in AIP International Conference on Advanced technologies in chemical, construction and mechanical sciences- ICATCHCOME 2023 held at Coimbatore, Tamil Nadu, India during during 13th September 2023.
 - 3. Prof. R. Srikanth, Professor, Chemical,** has published paper “Maximizing tea waste potential by soaking with acids and alkaline pre-treatment under hot air oven: Analysis of Functional Groups using FTIR” in Fourth International Conference on Advances in Physical Sciences and Materials (ICAPSM 2023) held at KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India during 17 - 18, August 2023.
 - 4. Prof. R. Srikanth, Professor, Chemical,** has published paper “Solvent Pre-treatment of Tea Waste and Rice Straw Powder: Analysis of Functional Groups using FTIR” in Fourth International Conference on Advances in Physical Sciences and Materials (ICAPSM 2023) held at KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India during 17 - 18, August 2023.
 - 5. Prof. R. Srikanth, Professor, Chemical,** has published paper “Microwave assisted pyrolysis of biomass feedstock fundamentals and the effect of process parameters- A review” in Fourth International Conference Journal of Physics: Conference Series 2550 (2023) 012003. <https://doi:10.1088/1742-6596/2550/1/012003>
 - 6. Prof. R. Srikanth, Professor, Chemical,** has published paper “Biodegradation of Low Density Polyethylene (LDPE) By Paenibacillus Sp. and Serratia Sp. isolated from marine soil sample” in International Conference on Advances in Materials Today, during 12th June 2023.
 - 7. Prof. V. Sridevi, Professor, Chemical,** Successfully completed the NPTEL online course title “Organic farming for sustainable agricultural production” from IIT Guwahati in the duration of July-Sep 2023 (8 weeks).
 - 8. Mr. D. Guru Mahesh, Assistant Professor, Chemical Engineering** filed a Patent titled “One-Pot Synthesis of Porous Gold Nanoparticles for Enhanced Catalytic Activity” with application No.202341028534 A is filed on 19th April 2023 and Published on 26th May 2023.
 - 9. Mr. M. Koteswara Rao, Assistant Professor, Chemical,** Successfully completed the NPTEL online course title “Energy Conversion Technologies (Biomass and Coal)” from IIT Guwahati in the duration of July-Sep 2022 (8 weeks).
-

Faculty Achievements

10.M. Koteswara Rao, Assistant Professor, Chemical, has published paper “Prediction of lattice constant of Pervoskites structures using machine leaning techniques” in an International Conference on waste management recycling and environment held at Andhra Kesari University,Ongole, Andhra Pradesh India during 16 - 17, November 2023.

11.Dr.Ch.Anil, Associate Professor, Chemical, has published paper “Prediction of lattice constant of Pervoskites structures using machine leaning techniques” in an International Conference on waste management recycling and environment held at Andhra Kesari University,Ongole, Andhra Pradesh India during 16 - 17, November 2023.

12.Mr. D. Guru Mahesh, Assistant Professor, Chemical Engineering filed a Patent titled “AI-ENHANCED TOOLS FOR EARLY DETECTION OF LEARNING DIFFICULTIES IN STUDENTS” with application No.202341066029 A is filed on 2nd October 2023 and Published on 13th October 2023.

13.Ms. S Harika, Assistant Professor, Chemical, Successfully completed the NPTEL online course title “Energy Conversion Technologies (Biomass and Coal)” from IIT Guwahati in the duration of July-Sep 2022 (8 weeks).

14.Dr.K.Ch.Malakondaiah, Assistant Professor, Chemical, has published paper “Fermentation study of Foxtail Millet Batter” in a third International Conference on new frontiers in chemical, energy and environmental engineering held at NIT Warangal, Telanagana, India during 24-25, November 2023

15.Dr. Ch. Malakondaiah, Assistant Professor, Chemical, successfully completed the NPTEL online course title “ASPEN Plus Simulation Software-A Basic Course for Beginners” from IIT Guwahati in the duration of July-Oct 2023 (12 weeks).

16.Dr. Anjali D, Assistant Professor, Chemical, Successfully completed the NPTEL online course title “Energy Conversion Technologies (Biomass and Coal)” from IIT Guwahati in the duration of July-Sep 2022 (8 weeks).

17.Mr. B. Pradeep Santosh Kumar, Assistant Professor, Chemical, Successfully completed the NPTEL online course title “Energy Conversion Technologies (Biomass and Coal)” from IIT Guwahati in the duration of July-Sep 2022 (8 weeks).

Faculty Achievements

19. **Dr. K. Ch. Malakondiah** Received a “Unnat Bharat Abiyan (UBA)- Best Performers award” for the year 2022-23 from Vice Chancellor, Andhra University, Visakhapatnam



Felicitation to Dr. K. Ch. Malakondaiah

Student Achievements

1. **P. Vajritha, K V V Sai Teja, IV/IV Chemical, Chemical**, has published paper “Prediction of lattice constant of Pervoskites structures using machine leaning techniques” in an International Conference on waste management recycling and environment held at Andhra Kesari University, Ongole, Andhra Pradesh India during 16 - 17, November 2023.
2. **Ms.B. Sirisha, 4/4 Chemical Engineering**, has secured Second position in Badminton category in Inter-Collegiate Games and Sports competition held at SRT Sports Academy Visakhapatnam on 28th November 2023.
3. **Ms.Sai Roshitha and V. Sravani , 4/4 Chemical Engineering**, has secured Second position in Idea Competition in Inter-Department competitions held at ANITS, Visakhapatnam on June12-13th 2023.



CHEMINEER CLICKS



U. Jaya Surya (III/IV)



L. Charan Deep (III/IV)



A. Greeshma (III/IV)



V. Yamani (II/IV)



K. Madhu (III/IV)

కన్నె మనసు

నా కన్నె మనసుని కలంగా చేసి.....

నా కలలన్నీ ఇంకులా పోసి.....

నా ఆశలను ఆక్షరాలుగా మార్చి.....

నా ప్రేమ అనే పేపర్ మీద నీకో ఉత్తరం రాయడం మొదలు పెడితే..

గంటలు గడిచినా.....

పేపర్లు చినిగినా.....

కాలం కదిలి నా కలం కదలడం లేదు.....

ఎక్కడ నుండి మొదలు పెట్టాలి.....

ఏమని మొదలు పెట్టాలి.....

నీ మాట - నాకొక కవనం.....

నీ నవ్వు - నాకొక నిషా.....

నీ రూపం- నాకొక అద్భుతం.....

నీ తలపులో నా తనువు పులకరిస్తుంది.....

నిన్ను చూసిన ఆ క్షణం నేను పున్నమి చంద్రుడిని.....

నువ్వు చూడని అదే క్షణం నేను అమావాస్యపు చంద్రుడిని.....

B. SAI KUMAR (III/IV)

Mock Interviews

- BY ALUMNI

Mock interviews were conducted to 2020-2024 Batch chemical engineering students by a chemical engineering alumni student M.Sai Krishna (2011-2015 batch). These Mock interviews provided job seekers an opportunity to practice, receive feedback and improve their skills. Which also developed interview strategies, enhance in communication skills, answer challenging questions, and ease the nerves that many experiences before an actual job interview



Entrepreneurship Activities

An online Session on “My Story - Motivational Session By Successful Innovator”

The department of Chemical Engineering at ANITS collaborated with IIC organized a one-day session on “My Story - Motivational Session by Successful Innovator” for students and faculty on 19th October 2023. The resource person for this motivational session is Mr. Thota Sivaji, CEO, M/s Aaharya Technologies Pvt. Ltd, who was an expert in the field of market analysis and product development.

In this motivational speaker shared his personal journey, emphasized key lessons learned during his graduation and strategies employed to overcome obstacles and achieve extraordinary success in the current world of entrepreneurship. Around 85 Students and 13 faculties of our institution have participated actively in this session.

The motivational session was highly informative and insightful, and the outcomes were highly positive, with participants gaining a better understanding of how to identify problems and develop solutions that met market needs. The Head of the Chemical Engineering Department, Prof. R. Srikanth, the IIC Coordinator, Mr. B. Pradeep Santosh Kumar, and other faculty and students attended the session. The initiative was highly appreciated by the Principal, Prof. K. Sri Rama Krishna.



Fig.1: Brochure of the event



Fig.2: Mr. Thota Sivaji, sharing his successful story with participants

CHEMINEER CLICKS



P. Pavitra (III/IV)



G Reethu (III/IV)



G Aparna (III/IV)



B Sai Tarun (III/IV)



Pradip Kumar Sahoo (III/IV)

"From New York Streets to Indian Villages: Exploring Scorsese and Maaran"

Martin Scorsese and Vetri Maaran are two directors I absolutely adore. They both have a special way of making movies that really speak to me.

Martin Scorsese is a big name in Hollywood, known for his movies that show the tough side of city life and the struggles of complicated characters. His films are like a rollercoaster ride, full of energy and excitement. One of his famous movies is "Taxi Driver," where we follow a lonely taxi driver through the streets of New York City. It's a powerful story that shows the darker side of urban life. Another gem is "Goodfellas," a gripping tale about the world of organized crime. "Killers of the Flower Moon" is a new movie directed by Martin Scorsese. It's based on a true story about a series of murders that happened in the 1920s among the Osage Native American tribe in Oklahoma, USA. The film stars famous actors like Leonardo DiCaprio and Robert De Niro. Scorsese's inspiration often comes from his own experiences and the people he's met along the way. He once said, "I like villains because there's something so attractive about a committed person they have a plan, an ideology, no matter how twisted. They're motivated."

Vetri Maaran, on the other hand, is a talented filmmaker from India who tells stories that touch the heart. His movies are like a window into the lives of ordinary people facing extraordinary challenges. One of his most memorable films is "Aadukalam," which takes us into the world of cockfighting in rural Tamil Nadu. It's a gripping tale of friendship, betrayal, and redemption. Another powerful movie by Maaran is "Visaranai," based on real events, which exposes the harsh realities of police brutality and corruption. Maaran finds inspiration in the world around him, drawing from the stories of everyday people. He once said, "I believe cinema is a powerful tool to create social change and shed light on the injustices in society."

Both Scorsese and Maaran have a gift for storytelling that captivates audiences around the world. Their movies make us think, feel, and see the world in a different way. Whether it's the mean streets of New York City or the rural villages of India, their films transport us to worlds we've never known and leave a lasting impression on our hearts and minds.

Love your neighbour as you love yourself

In a world where love should reign supreme, it's disheartening to witness the absence of affection and empathy. The younger generation seems to have lost touch with the essence of genuine connection. Instead, we see instances of betrayal, selfishness, and cruelty even within families. It's perplexing why some would resort to harming their own kin. If placed in their shoes, one would hope for solace, encouragement, and support from others. After all, treating others with kindness and compassion is a kin to the golden rule: "Do unto others as you would have them do unto you."

To simplify, let's liken this situation to a parable: "A man was going down from his hometown, when he was attacked by robbers. They stripped him of his clothes, beat him and went away, leaving him half dead. A person of his same town happened to be going down the same road, and when he saw the man, he passed by on the other side. So too, a neighbor of his house, when he came to the place and saw him, passed by on the other side. But a person who is in enmity, as he traveled, came where the man was; and when he saw him, he took pity on him. He went to him and bandaged his wounds, pouring on oil and wine. Then he put the man on his own donkey, brought him to an inn and took care of him. The next day he took out two denarii and gave them to the innkeeper. 'Look after him,' he said, 'and when I return, I will reimburse you for any extra expense you may have.'

Which of these three do you think was a neighbor to the man who fell into the hands of robbers?"

Yes exactly the person who helped the man is the neighbor...

*Would you like to do the same as the enemy of the man did?
This shows our love without expecting who ever they may be...*

I would like to end this by saying show your love and affection by your works.

LOVE THROUGH ACTIONS.

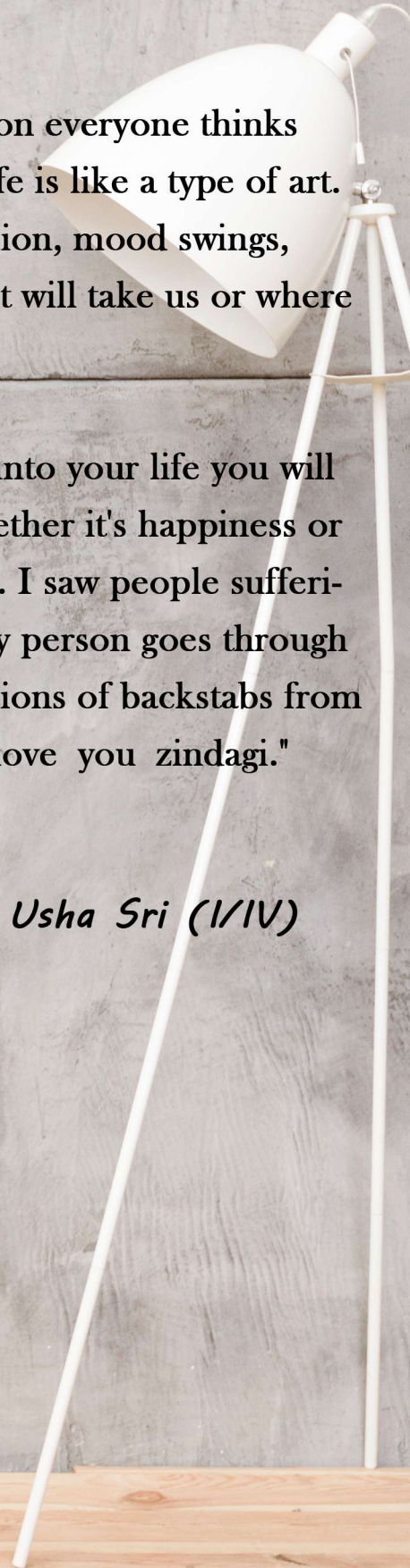
G. Reethu (III/IV)

WHT IS LIFE ?

Life? A sudden question struck in my mind... It is a question everyone thinks about: friends, family, enjoyment. But in my viewpoint... life is like a type of art. We face everything: sadness, loneliness, emotions, depression, mood swings, love, distractions, etc. It's a journey; we don't know where it will take us or where it will end. In this journey, I've learned only one thing:

yes, I should enjoy every moment because when you look into your life you will see beautiful moments. Whatever happens, just face it, whether it's happiness or sadness. I saw everyone smiling, crying, sharing their griefs. I saw people suffering and I was also in that position at one time. I think every person goes through that situation after receiving thousands of applause and billions of backstabs from our loved ones. I know only one thing: just smile and say "love you zindagi."

Usha Sri (I/IV)



Inspirational insights from Nick Vujicic

The journey of the higher education we can immense from his words. I am a living canvas, painted with the colors of his inspiration. Cradled in the arms of his wisdom!

Nick words have touched the lives of many. His words encourages people to face challenges with the determination and the positivity.

As he borned without limbs and arms, but didn't loose his hope and his journey is one of the remarkable and determination . from a young age he refused to his physical condition ,embrasing each day with a huge number of obstracles in his life .but he didn't step back from from his challenges.

Grown in Melbourne, Australia and pursued his education, graduation from Griffith University in Accounting and financial planning and he soon became a sought after speaker and started travel globally, inspiring audiences with his powerful words.

Nick renowed for several qualities and abilities like skilled at delivering speaches that inspire and empowers audiences world wide. he is passionate advocate for disabled peoples and accomplished author.

Through his work and personal story made a deep impact on millions of individuals, affering hope and boost to face struggles and hardship.

Nick's hardwork results as the founder of Life without Limbs.

As we reflect on his speech ,let us carry his message of courage and perseveran- with us ,and may we inspire to live each day with purpose, gratitude and unw- avering hope.

In closing his words serve as a beacon of inspiration us all to embrace challenges and strive for success and pursue their goals with determination and effort.

The Mobile Addiction

Chaitanya is a engineering student he constantly addicted to his mobile. he use to check the phone in between the classes, while eating and during break period, he always sleeps late by watching the phone.

He didn't listen his parents, friends when he is engaged in his phone. One day his phone fell from his hand and he rushed to the nearest repair shop, where the mechanic said it will take some time to repair. he felt very sad....and thinking about his childhood, when he was in childhood, he was interested in listening music and again his interest blooms againtowards it.

he started engaging in environment & in surroundings. he noticed the warmth of the sun and beautiful flowers and he realised that he missed all these in his life by engaging in his phone. then he realised and promised himself to not to waste his precious time in his mobile from that day onwards he made conscious effort to strike a balance between in staying connect digitally and being present in real world. because of his phone he missed a lot and learned valuable lessons and the true value of life beyond screens

K. Chaitanya (II/IV)



Interview Daze

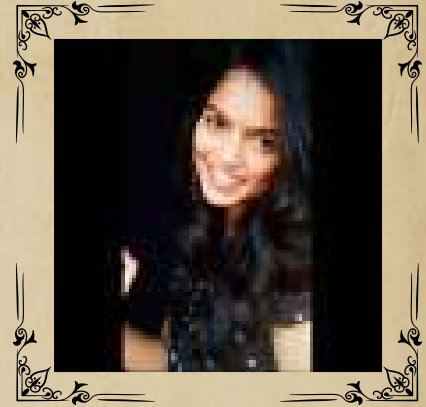


HEY GUYS !!!! Meet Srivalli, a passionate software enthusiast whose journey took an unexpected turn into the world of Chemical Engineering. Despite her love and passion for software, good had a different plan for her. Her fascination began during her college days. She had set her goal on software engineering from the very beginning, but her journey took a surprising turn on September 20th, when she was Shortlisted for the interview at a pinnacle data-driven reliability company.

At that time, her heart was so heavy. Her mind always says one thing to her "It's not your priority, but it's your first opportunity, YOU HAVE TO PROVE YOURSELF," she made up her mind completely for the interview. On September 21st, 2023, she went to the college in proper interview attire. She arrived at her classroom with a mix of nerves and confusion. But the best part of this journey was, Srivalli's best friend had also been selected for that interview. Both had reached the interview hall with lots of excitement and nervousness. They prepared to take this new challenge, side by side, they found strength and support from each other. Srivalli took her seat in front of the interviewer with wetted hands and shivering legs. But she confidently answered every question. The interview went so well for both of them. Although she was confident in her interview, still awaiting the results.

On 4th October 2023, it was a special day for Srivalli, not only was it her birthday, it had now become a significant milestone in her entire journey. And her birthday wish had come true in the most unexpected way. Srivalli and her friend, Sandhya had been selected for the pinnacle data-driven reliability company as the role of data analyst. At first, the Chemical core job was not her priority but she started to know about that company then she realized that she had an opportunity to unskill herself in this competitive world. As she stepped into this new chapter of her career. She is very much excited to kick off her journey as a reliable Data analyst at the pinnacle and can't wait to dive in and contribute to our shared success.

And I'm Srivalli sunkari. This is my story.



-SRIVALLI

I want to share my interview experiences with you. I'm reminded of the countless moments of uncertainty and nervousness that I've faced throughout my journey. From the daunting task of preparing for interviews to navigating the maze of career choices, each step has been a learning experience. And it's these very experiences that I want to share with you today.

Primarily, I want you to know that it's okay to feel overwhelmed by the prospect of interviews and the uncertainty of the future.

It's a natural part of the process. What's important is how we choose to respond to these challenges. One of the most valuable lessons I've learned is the power of preparation. Whether it's researching the company you're interviewing with or practicing your responses to common interview questions, preparation can make all the difference. It instills confidence and ensures that you're ready to tackle whatever comes your way. But preparation alone isn't enough. We must also embrace the inevitable setbacks and rejections that come our way. Each rejection is not a reflection of our worth but an opportunity for growth and self-discovery. It's what we do in the face of adversity that defines us. I also want to emphasize the importance of perseverance. Success rarely comes overnight. It's the result of countless hours of hard work, dedication, and resilience. So don't be discouraged by temporary setbacks. Keep pushing forward, and eventually, you will.

Lastly, I want to encourage you to embrace your unique journey. Your experiences, strengths, and passions are what set you apart. Do not compare yourself to others or measure your success by someone else's standards. Instead, focus on becoming the best version of yourself and pursuing what truly fulfills you. In conclusion, my fellow students, as you navigate the interview daze and chart your course for the future, remember the power of preparation, the importance of perseverance, and the value of embracing your unique journey. Believe in yourself, stay true to your passions, and never underestimate the difference you can make in the world.



-S. SHYAM





Interview Daze



Rising from the ashes, I've conquered the challenges and secured my place at Deccan Fine Chemicals! With determination as my fuel, I've overcome academic struggles and transformed into a confident professional. Marketing myself played a pivotal role in my campus placement journey. Though faced with setbacks, I refused to let self-doubt dim my shine. Now, I'm ready to illuminate the world with my passion and prove that resilience always leads to success!



-RAGHU



-PRUDHVI

Talking about my college life, I enjoyed my college life to the fullest and had some of the best college days of my life. Since the start of the counseling, I always thought about joining ANITS college only, and finally, when I joined the college, I was afraid as all the people were new to me. But soon I started enjoying my college life and made some fantastic friends. As a chemical engineer I thought it would be difficult to study but, Thanks to our faculty who taught us well and always supported us in every possible way they can for our improvement.

For me, every semester is a memory with Friends, college bunks, cricket, jokes, and college fests. when it comes to the end of the college year. Everyone thinks of just one thing about their placements and I was always afraid of facing an interview. When I went for the placement I was worried totally, and with the help of our faculty I passed both the group discussion and the written test as most of what they taught helped us during that time and at last interview it was the first time I experienced where I and my friends together had the interview as the interviewer is very good he excused some of our flaws and interview went very well. The worst thing is the last days of college which no student wants to experience. College life won't come again so we should enjoy every moment.

Hello everyone! campus placement will be the target of every student in the engineering days. The first company of the campus had been done based on the resume. I got shortlisted for the interview round and this was the first interview I had no idea about what they asked, they called one at a time into the interview panel. The panel consists of two members. When it came to my turn I went into the panel with a lot of confidence. The first question asked by the recruiter was why did you choose chemical engineering? I answered it was my passion! because the kitchen is the best example for the chemical engineer with this answer the recruiter felt happy. And went through a couple of conversations. Finally, got selected in the MNC company of my dreams.



-DINESH





Alumni Byte

Hello everybody!! If you ask how my 4 years of Engineering has been, I would definitely say it was very good enough than what I have expected. Never thought of giving a long speech on fresher's day, but gave it just to end my stage fear, through this got a very good rapport with my seniors, could able to participate along with them in national level competitions etc. Faculty always helped to know the reality and then said to work hard, we were always motivated by them. Each professor had a different insight of explaining, everyone was jovial enough which was always a happy part. Seniors were my best guide to know the department in formal and informal way. Tech fests were always a part of active participation and lots of new fun. Togetherness of people got on my way in these years are very precious. Pals along with me made me realize how beautiful memories a person can have in their graduation life. ANITS has given the best & unforgettable chapter of my life. This young blood among us strives for excellence, so never give up easily always have remarkable position in everyone's hearts. Getting best opportunities may take time for some but never loose hope, have faith and work for it.



-Vaishnavi (2019-2023)

I thought it's enough to study hard till our graduation but we need to learn many things in different aspects even after our studies.. College just provide a pathway...we the students need to grasp those opportunities in order to reach heights in our lives.To be HONEST! ANITS provides vast number of opportunities to the students ..we need to take up those whenever it's possible ,these little experiences are very useful when you grow up.

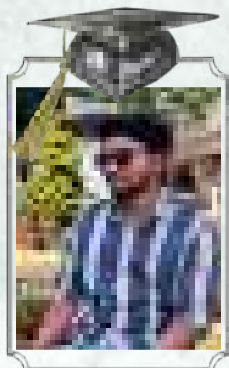
The faculty of our college concentrates on moulding students utilise the knowledge of our faculty to clarify and maintaining clarify our thoughts to achieve.This is what we done in our journey we enjoyed in events and maintained good relation with our faculty which helped us to start our career in good companies....

Be intellectual with yourselves .It believes that to compete well ,you need to complete the ideas by linking them across entities, functions and disciplines...

Grab every opportunity u get.. enjoy by learning..

Participating is much more important than achieving

Be confident with your skills.



-Hema Chand(2019-2023)

The number 7 is often considered lucky, and perhaps that's why the 7th batch of our department is dubbed the "Happy-Go-Lucky" batch. Even though my four-year journey in this department has come to an end, I've amassed countless memories that I'll never forget. Whether it's the days filled with scolding or appreciation, the lively gossip sessions or the rigorous presentation days, every moment, whether good or bad, happy or sad, silly or sensible, contributes to a feeling of nostalgia.



-Aniketh(2018-2022)





Alumni Byte

The sun rose high in the sky, casting its golden glow over the bustling campus as I stepped foot into the world of Chemical Engineering. Welcomed with open arms during the Fresher's; Day festivities, I embarked on a journey that would shape the next four years of my life. Amidst the whirlwind of introductions and excitement, I found myself drawn to classmates who would soon become lifelong friends, each with their unique dreams and aspirations. As the calendar turned, so did the pages of my college life, marked by the rhythm of academic rigor and the melody of celebration. Birthdays took on a special significance as they coincided with the vibrant college fests. Year after year, I found myself immersed in the electric atmosphere of 'TechFest', 'organizing' and 'Culturals' each fest serving as a backdrop for creating cherished memories with my classmates. From late-night study sessions to impromptu adventures, every moment spent with my peers became a part of the tapestry of my college experience. Together, we navigated through the complexities of chemical reactions and thermodynamics, supporting each other through triumphs -and setbacks alike. However, it wasn't just the camaraderie among classmates that defined my journey; it was also the visionary guidance provided by the faculty of the Chemical Engineering department. Their wealth of knowledge and experience served as a guiding light, inspiring me to aim higher and reach farther. Through their mentorship, I learned not only the technical intricacies of my field but also the importance of perseverance and dedication in pursuing my goals. As I reflect on the past four years, I am filled with gratitude for the experiences that have shaped me into the individual I am today. From the excitement of Fresher's Day to the bittersweet farewells of graduation, each milestone has left an indelible mark on my journey through B.Tech in Chemical Engineering. Armed with the memories of laughter shared with friends, the lessons learned from faculty, and the unwavering determination to succeed, I stand ready to embark on the next chapter of my life. With the foundation laid during my time in college, I am confident in my ability to face whatever challenges lie ahead and strive towards achieving my goals, fueled by the passion instilled in me by the remarkable journey of the past four years.



-Radha Sai(2019-2023)



-Nikhila(2019-2023)

Hey everyone! I'm Nikhila and I belong to 2019-2023 batch. I'm someone who never found myself interest in CSE, IT because of the coding and neither in ECE, EEE because of the circuits. I was scared and didn't know what field should I be choosing to do something different than others. And that's when I came to know about chemical engineering, and to my surprise I myself never knew a department like chemical existed. So, I took a leap of faith and stepped into ANITS to start my engineering life. At first, I had this feeling if I had taken the right choice but eventually the subjects, teachers and the knowledge I've gained made me realize sometimes its the leap of faith we all need, to prove us we don't always choose wrong paths in shaping our future. Even though it had it's up and downs, I always tried to pick myself up each time I fell. I never knew I could be someone who can give seminars and presentations in front of everyone, someone who could participate in flash mob and dance in front of whole college, someone who'd be brave enough to take up any challenge. Looking back at the 4years of my college life, all I can remember and recollect are the memories and the friendships I've made. Becoming a better version of yourself is the best thing in the college, but that'd all be worthless if you don't have someone to appreciate that. So make sure to hold on to the people who made you feel worthwhile and special. Fests, labs, attendance, bunks, college bus stop, lunch break made me realize these are the days you can never relive again. So make sure to live in the present and never give up on the future.



WHY RASAGYAN WAS BORN?

A small idea to spread knowledge and wisdom along with bringing out the inner talents of the students gave birth to RASAGYAN. It is the first ever departmental magazine in the history of ANITS.

Our Motive for a Better World, Our Motive for a Prosperous Society, Our Motive for a New Generation which seeks :

1. To Enshrine The Hidden and Extract the Existing Creativity among the Energetic Minds.
2. To Enrich Analytical, Thinking, and Writing Proficiencies.
3. To find Research Oriented Minds, For a Better World.
4. To bring Awareness about what's going on in and around our campus.

There are no restrictions for writing articles. It is not necessary that the articles should be related to any particular field. We accept vibrant range of themes. Articles related to our department and current affairs are given more preference. We do not limit ourselves. We accept poems, paintings, art and photography from the students.



Reach ൮ Out.

We would like to know more about what our readers think for where we should land and where we should meet in our magazine. Please feel free to chip in your ideas, queries, complaints, compliments, suggestions and words that help us to get as a feedback to t his edition of magazine.

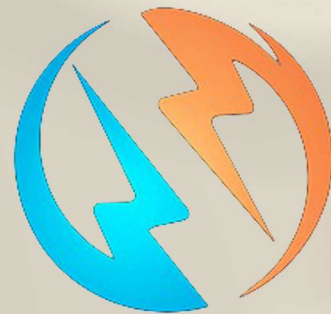
Help us to improve, help us to stand for our improvement. Write to us at the mentioned mail address and please support us. Thank you for sparing your time with us!

Send your own articles, photographs, poetry, cartoons, short stories, humorous content drawing and painting or anything else that you would like, that could be portrayed thr-ough us in this magazine to the mentioned mail address or submit it to any of the editorial team members.

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