



St. MARTIN'S Engineering College

UGC AUTONOMOUS



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A NON MINORITY COLLEGE, AFFILIATED TO JNTUH, APPROVED BY AICTE,
ACCREDITED BY NBA & NAAC A+, ISO 9001:2008 CERTIFIED
SIRO RECOGNITION BY MINISTRY OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA.
Dhulapally, Near Kompally, Secunderabad - 500 100, T.S. www.smec.ac.in

Newsletter

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Department of Science & Humanities

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Message from Group Director



The objective of bringing out the brochures of the individual departments is to highlight the strengths of the departments and at the same time visualize the principal growth with an aim to excel in their chosen areas.

The Science & Humanities Department at SMEC was established in the year 2002. The objective of the department is to offer the quality education as solid foundation through employing innovative teaching methods and utilizing the ultra-modern laboratories. The efficient team of Science & Humanities Department is further strengthened by Faculty Members. It has 14 Doctorates, 2 Professors, 09 Associate Professors and 39 Assistant Professors.

To add to the credit of the faculty, the department has published 250+ papers in various National and International journals/conferences, 30+ books and 20+ patents. The faculty members have also successfully completed 400+ certificate courses such as Coursera, Alison, SWAYAM, etc.,

Science & Humanities Department is committed to achieve the vision commitments by them continuous efforts to be in the forefront of all the academic and co-curricular activities.

--- Dr. P. Santosh Kumar Patra
Group Director



Message from HOD



We are extremely happy in releasing the Half yearly newsletter, highlighting the activities of the college between January 2023 and June 2023. This newsletter will provide a glimpse of the departmental activities and achievements.

Today's students are tomorrow's leaders. Engineers are the pillars of the society. An Engineer should scrupulously uphold the positive traits on each foot of his journey as an engineer.

Our department has shown a high level of resilience in maintaining research productivity during the past 6 months. I am optimistic that we will continue to play a leadership role in the existing and new research initiatives.

I trust that our community's long-standing strength will help us meet new challenges, recognize new opportunities and continue to strive for a higher level of excellence. I wish to record my hearty congratulations to those who have brought laurels to the department, appreciate all of you for working together as a team.

Let this newsletter be a forum to exhibit the potential of students and faculty members with their literary skills and innovative ideas. I extend my best wishes for the success of this endeavor.

--- Dr. D. Ranadheer Reddy
HOD-S&H



Vision:

To develop the department into Centre of Excellence in Applied Mathematics, core and applied areas of Physics, Pure and Applied Chemistry, Language Skills, Management Sciences and Soft Skills.

Mission:

- ❖ To impart value based and solid foundation courses for the technical education so that young and budding technocrats become dynamic professionals.
- ❖ To create an atmosphere in using mathematical and scientific tools for the innovations and discoveries in the field of Science and Technology.
- ❖ To strengthen the students to use English language as an essential aid for employment, higher study and entrepreneurship with the humanistic approaches of manners and etiquettes.
- ❖ To inculcate the managerial skills and environmental awareness in students as an asset in becoming dynamic entrepreneurs and responsible citizens.



St. Martin's Engineering College (SMEC) was established in 2002 by St. Martin's Children's Education Society. SMEC offers 10 B.Tech & 1 M.Tech Courses. Such as B.Tech in CSE (240), Artificial Intelligence and Data Science (120), CSE (AI & ML) (120), Computer Science and Design (60), Artificial Intelligence and Machine Learning (60), IT (180), ECE (210), EEE (30), MECHANICAL (30), CIVIL (30) and M.Tech- (Artificial Intelligence and Data Science) (18) with an intake of 1080 (UG) and 18 (PG) students per year .

SMEC is a prestigious Autonomous (UGC-Govt of India) engineering college and first choice by aspiring students and parents. Since its inception, SMEC has been with a motto of providing Quality Education in a highly disciplined and conducive environment with International Standards. It is a beautiful, unique & ineffable place which exudes positive energy, spiritual



About the College



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epiphany, and sense of serendipity and produces intellectual, cultural, social giants & academic leaders.

SMEC is awarded with prestigious grade A+ from NAAC (only 27 colleges in India, awarded A+ grade by NAAC), NIRF ranked, National ranking by ARIIA, 2(f) & 12(B), recognized by UGC Act of 1956. All courses are NBA accredited, permanently Affiliated to JNTUH, approved by AICTE, only the youngest college in Telangana to receive UGC-Paramarsh, ISO certified, DSIR Recognition, J-Hub certified (JNTUH), TASK certified (Govt of Telangana), Part of Institute Innovation Council (MHRD-Govt of India), Remote center of IIT Bombay, Member of CII and MSME certified Institution. SMEC signed more than 88 MoUs with major companies and institutions. Careers 360 Certified as AA+; Competition Success Review Ranked in top 3; and Wikipedia Ranked 2nd in Telangana.



SMEC is bestowed with the glorious Governor Award Four times; The Engineering Educators' Award 2019; NIRDPR Award (Govt. of India); IDF Best Partner Award; Dewang Mehta Award; TCS ION Award; CSI Award (Students Chapter); Best Innovation by Federation of Gujarat Industries,

Street Cause-Most Dedicated Division, Best college award from Education Matter, Best College in sports facility and achievement by Stumagz, Telangana, National Leadership Excellence Award- 2019 by ICCI. Best Engineering College award by American College of Dubai, Dubai. SMEC received Rs. 21.46 Lakhs from SERB, Government of India, consultancy project worth of Rs. 444 Crores from GHMC – Hyderabad, Government of Telangana.

SMEC is the only college to receive Consultancy work worth of 150 Crores from HMWSSB, Hyderabad and Government of Telangana. Recently, Rs.25 lakhs funding was also received from AICTE. Adding feather in the cap, now Students of SMEC started receiving international awards and funding (4000 USD) from George Mason University Virginia, USA for the initiation of best startup.

The remarkable achievement by the faculty members of the college is that they have published 270+ books, 12886+ research papers, 288+ patents, 108+ copyrights and 50,000+ international certification courses. The crowning glory in academic excellence was achieved by bagging gold medals from university every year. 138 innovative products are developed by students and faculty members of SMEC. SMEC has a strong vision in offering world class training to the promising engineers and management professionals. It is situated in an eco-friendly environment and has the best infrastructure. It's 100% a ragging free campus.



The Department of Science & Humanities plays a significant role to lay a strong foundation to the major Engineering Courses like CIVIL, EEE, MECH, ECE, CSE, IT, CSE (AI & ML), AI & ML, AI & DS and CSG.

The Department is a unique combination of the foundation courses: English, Engineering Physics, Engineering Chemistry, Mathematics, Engineering Drawing, Basic Electrical Engineering and Computer Programming along with Micro Project and Technical Seminar sessions as additional courses. These key subjects are taught in a cohesive learning paradigm to motivate students towards engineering concepts during the first year of Engineering Program.

In addition to the regular subject knowledge, students imbibe the essential quality of Human Values, Professional Ethics and Soft Skills through classroom teaching and counseling which form the crux of the Department. Counseling plays a key role to the Professional students and this aspect is also given prime importance in the

department with the help of cordial staff members.

The students are counseled to perform better and have a strong grip over the subjects. Attendance is monitored regularly to improve the results. Weekly tests are conducted on a regular basis to recall their progress.

The well-designed courses in the First Year can help to bridge gap between the professions, a student eventually wants to practice and the necessary preparation for their professions. The department strives to lay a strong foundation of theory and analysis in its curriculum and engage students in creative and integrative experience.

To enhance practical knowledge of students, improvised infrastructure and equipment are provided in the labs of Engineering Physics and Engineering Chemistry. Engineering Drawing, Basic Electrical Engineering Labs and Engineering Workshop help the students to widen students' practical knowledge. To inculcate the habit of combined and group learning practices in students, Language Club and Science Club activities are conducted regularly.

Communication Skills are inevitable for professional education and there is no stone left unturned in the Science & Humanities department to enrich the working knowledge of English through activity based English Labs (Computer Aided Language Learning and Interactive Communication Skills Labs). This software-based language lab aims to familiarize learners to the nuances of English speech sounds and enhance their



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performance at Placement Interviews, Group Discussions and other recruitments.

The H&S Department faculty members contribute their expertise and efficient services by handling the senior B.Tech classes. The designed and prescribed courses are related to the subject areas of Numerical Techniques, Statistical Methods, Management Sciences, Advanced Communication Skills, Gender Sensitization and Management Sciences.

The strength of engineering college indeed lies in the academic affluence of the department of Science & Humanities, which is fast developing and has emerged as one of the best branches in the institute. The

department supports the technical departments by providing value-based education to the budding engineers that help them to emerge as professionals with a difference.

Cultural Activities are also encouraged in the department for Personality Development of the students.

The staff members play a pivotal role in undertaking responsibilities to conduct various curricular and co-curricular programs of other departments also. The staff members of the department thus work towards the goal of students' progress.



S&H STAFF 2022-2023 BATCH

Ethics in Engineering Practices: Promoting Responsible Technological Development



In today's rapidly advancing world, Engineering plays a pivotal role in shaping our world by creating innovative solutions to complex problems.

Engineers have the power to create groundbreaking innovations that have potential to revolutionize industries and improve lives. Engineering must embrace innovation. Ethical engineering practices demand a thoughtful examination of the potential benefits and risks associated with new technologies.

Engineers must prioritize the well-being and safety of individuals, ensuring that their creations do not infringe upon human rights or contribute to discrimination. This includes safeguarding privacy, promoting equality, and designing technologies that empower and respect the autonomy of users.

Sustainable engineering practices involve considering the life cycle of a technology, promoting energy efficiency, reducing waste generation and embracing renewable resources. Engineers must consider the social implications of their work and strive for equitable outcomes. This entails identifying potential biases in algorithms and AI systems, addressing accessibility concerns in design processes, and actively promoting diversity and inclusion within engineering teams.

Ethics in engineering practices are essential for responsible technological development.

Engineers must recognize their roles in shaping the future and prioritize ethical considerations at every stage of their work. Thus, engineering can fulfil its potential as a force for positive change.

--- Dr. Raji Thomas
Assistant Professor of Chemistry

The Impact of Time Management on Students' Academic Achievements



Time management is very important and it may actually affect individual's overall performance and achievements.

However, all of these are related by how individuals manage their time to suit their daily living or to make it flow steadily with their routines.

Conducive settings and environment will surely promote positive outcomes to the students. Nevertheless, students' time management can be considered one of the aspects that can make a student to be good. Effective time management is vital for every student to shine. The usage of time by students in higher education institutions is related to their daily routines and activities. It can also deal with stress level of students as they need to cope with difficult tasks and challenging endeavours.

Time management is a skill that every student should not only know, but also follow in day-to-day life. A lot of students complain about running out of time when they are asked to do a certain task, they get

frustrated as they can't make it up before the deadline.

Time management is extremely important, especially when it comes to engineering

students because it will boost their grades and enhance their productivity. However, most of the time, students face problems like task aversion and uncertainty, so they start to procrastinate because they lack organizational skills. As a result, students will not be able to organize duties according to their priorities.

As we see the consequences above, time management is quite essential to any engineering student, and it is one of the key tools for higher academic achievements. Finally, I conclude that Time Management plays a crucial role in reaching the heights of success.

--- L. Vineela
Asst.Professor

Try Hard and Believe in Yourself



The real story of "Coloneal Harland Sanders" (An American Businessman) reveals that he was disappointed and depressed many times in his life and still made his DREAM COME TRUE late in his

life. It is really inspiring.

Coloneal Harland Sanders is a seventh grade dropped out student who has tried many ventures in life but tasted bitter results as failures every time. He started selling chicken at his age of 40 but his dream of restaurant business was turned down many

times due to his struggles and financial issues.

Later, he attempted to franchise a restaurant but his recipe got rejected "1009" times before the final approval. However, the secret recipe "KENTUCKY FRIED CHICKEN" (KFC) became a huge hit worldwide. The company was sold for "2 million" dollars and his face is still celebrated in the logos.

MORAL: This story inspires everyone to try hard and believe in yourself until you see success despite how many times you have failed.

Can you even accept a failure of 1009 times?

--- L.Bharani
Asst.Professor

Dear young friends and graduating batch of SMEC

This Newsletter is a phenomenon, which not only highlights the achievements of the fellow students of our college but also gives the young writers, poets, and artists a chance to showcase their talent. It is a souvenir to all the students who will be leaving the college to start a new phase in their life. Personally, I always reach out to people who have problems and want to solve them. My best wishes always go to future generations.

With best regards.



--- Dr.S. Someshwar
Associate Professor

WOMEN'S DAY

SMEC celebrated International Women's Day (IWD), on 10 th March of this year

Women's Day is an important occasion to honor women's achievements, advocate for gender equality, raise awareness about women's issues, inspire and empower women, foster solidarity, and promote positive change.

The program was kicking off with a series of inspiring ramp walks. Women faculty from various department of SMEC showcased their confidence and individuality as they walked the ramp. Every participant expressed her unique style and personality.

The audience were enchanted by the participants' captivating dance performances that paid tribute to the strength and grace of women. Engaging and interactive games were also organized to entertain the audience. Prizes were awarded to the winners, which enhanced the level of enthusiasm in every one who participated in the event.



Hosting the Program

CULTURAL ACTIVITIES



GAMES



RAMPWALK



PRIZE DISTRIBUTION



YOGA DAY

International Yoga Day is celebrated on June 21st at SMEC to spread awareness about the important health benefits of practicing yoga since 2015. This occasion provided transformative power of yoga in the college campus and discover harmony of mind, body, and spirit as the staff and students came together to celebrate wellness, relaxation, and self-care. This even left the entire campus feel refreshed, inspired, and equipped with valuable tools for leading a healthier and more balanced life. Group Director and Principal, Dr. P. Santosh Kumar Patra, Deans, HODs, Faculty members and Students took part in the Yoga Day Event.



TRADITIONAL DAY

SMEC has celebrated its Traditional Day on 6th June of this year. The department of Science and Humanities was assigned captivating themes of Sikkim and Goa. It was an extravaganza which displayed the audience the rich cultural heritage and the enchanting world of Sikkim and Goa, two beautiful Indian states. The audience have witnessed the exquisite beauty of Sikkimese and Goa's traditional attire and experienced the mesmerizing performances that brought Sikkim's and Goa's culture to life. On the whole, the department has explored the intricate art and crafts of Sikkim and Goa through an exhibition that showcased traditional paintings, and other traditional artifacts.





Freshers' day:

The Freshers' Day Party was held on 21st February with great enthusiasm and excitement at SMEC. The event aimed to warmly welcome the incoming batch of I B.Tech freshers and provide them with a memorable experience to kick-start their college journey. The party was a grand affair, filled with vibrant decorations, lively music, and engaging activities. The event fostered a sense of belonging, encouraged connections, and set the tone for an exciting college journey ahead. It served as a platform for the freshers to showcase their talents, make new friends, and celebrate their entry into the college community with enthusiasm.

AI&ML



AI&DS



CE



CSE



Events by S&H



CSG



EEE



CSE(AI&ML)



IT



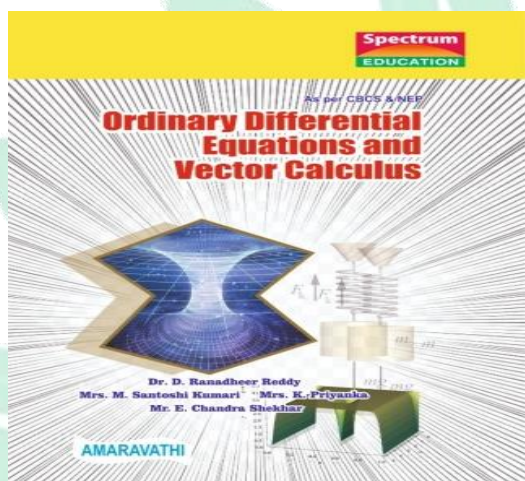
ECE



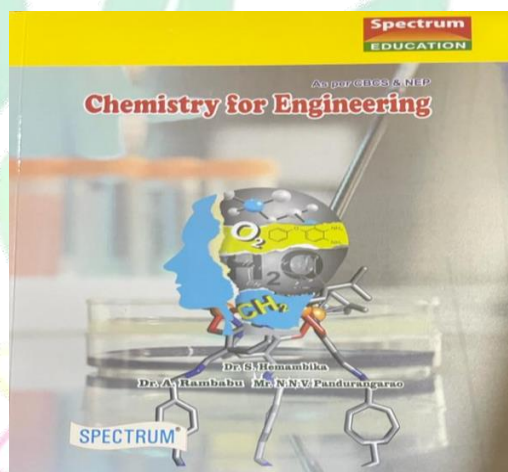
ME



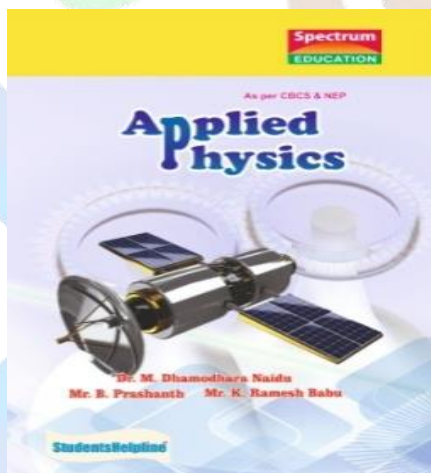
Dr D Ranadheer Reddy, Mrs M Santoshi Kumari, Mrs. K. Priyanks, Mr. E.Chandra Sekhar wrote a Text Book of ORDINARY DIFFERENTIAL EQUATIONS AND VECTOR CALCULUS - Publisher: M/s Spectrum University Press, ISBN: 978-81-945268-9-6.



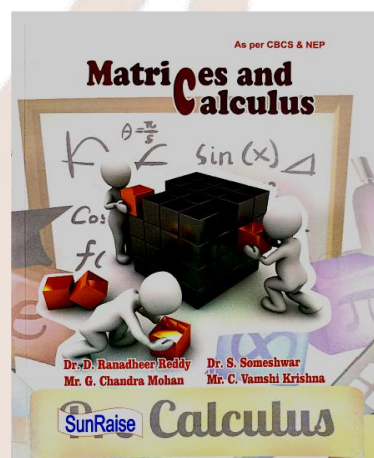
Dr S.Hemambika, Dr Aveli Rambabu and N.V.V.Panduranga rao, wrote a Text Book of ENGINEERING CHEMISTRY - Publisher: M/s Spectrum University Press, ISBN: 978-93-91421-01-4.



Dr. M. Dhamodhara Naidu, Mr. B. Prashanth, Mr. K. Ramesh Babu wrote a Text Book of APPLIED PHYSICS - Publisher: M/s Spectrum University Press, ISBN: 978-93-80831-66-4.



Dr. Ranadheer Reddy, Dr. S. Someshwar, Mr. G. Chandra Mohan and Mr. C. Vamshi Krishna wrote a Text Book of MATRICES AND CALCULUS - Publisher: M/s Spectrum University Press, ISBN: 978-93-92311-19-2.



Book Publications

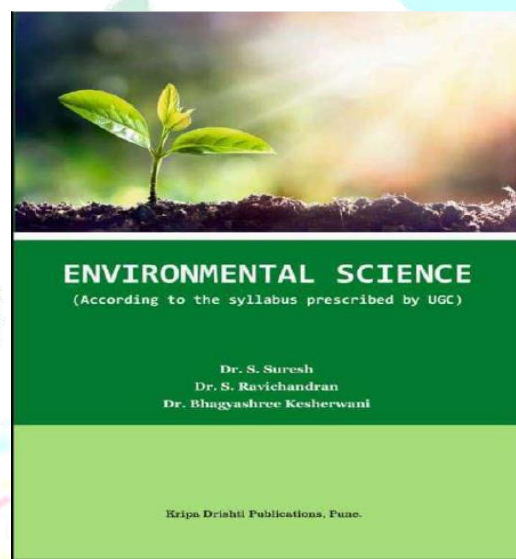


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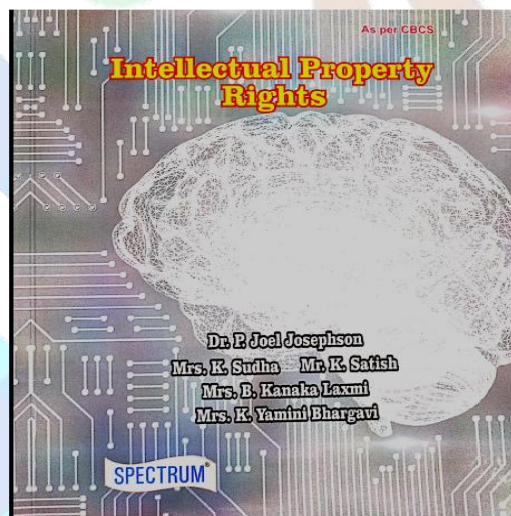
Mr. G. Laxmikanth, Mr. C. Bhaskara Rao and Mrs. A. Madhavi Latha wrote a Text Book of ENGLISH FOR SKILL ENHANCEMENT -Publisher: M/s Spectrum University Press ISBN: 978-93-82829-43-0.



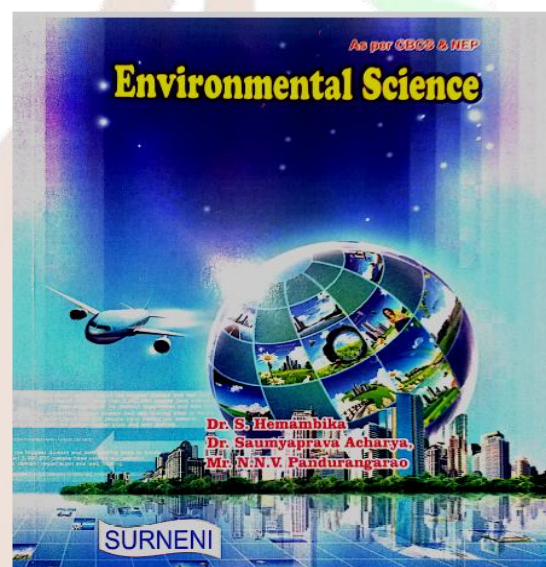
Dr. S. Suresh wrote a Text Book of ENVIRONMENTAL SCIENCE - Publisher: Kripa Drishti Publications, ISBN: 978-93-94570-60-3.



Dr. P. Joel Josephson, Mrs. K. Sudha, Mr. K. Satish, Mrs. B. Kanaka Laxmi and Mrs. K. Yamini Bhargavi wrote a Text Book of INTELLECTUAL PROPERTY RIGHTS - Publisher: M/s Spectrum University Press, ISBN: 978-93-948781-4-8.



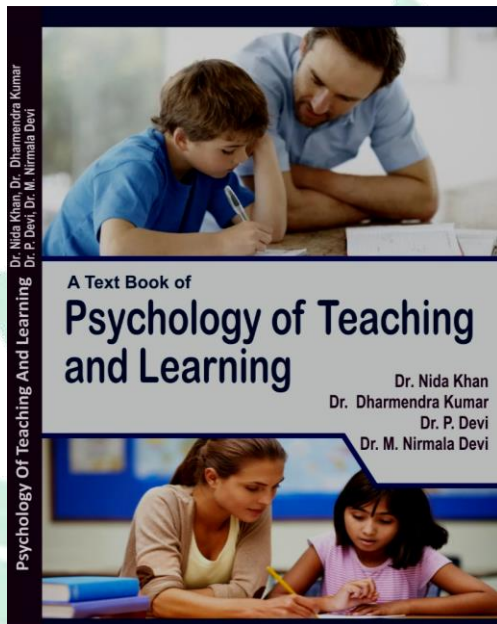
Dr. S. Hemambika, Dr. Saumyaprava Acharya and Mr. N.N.V Pandurangarao wrote a Text Book of Environmental Science - Publisher: M/s Spectrum University Press, ISBN: 978-81-945268-3-4.



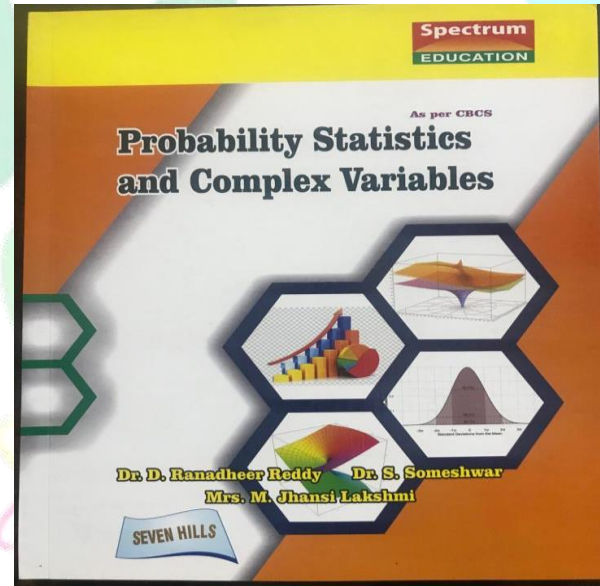
Book Publications



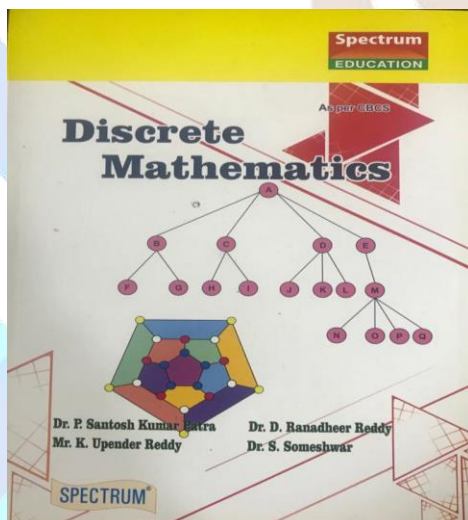
Dr. M. Nirmala Devi wrote a Text Book of Psychology of teaching and learning - Publisher: RK Publications, ISBN: 978-81-19140-77-0



Dr. D. Ranadheer Reddy, Dr. S. Someshwar and Mrs. Jhansi Lakshmi wrote a Text Book of Probability Statistics And Complex Variables Publisher: M/s Spectrum University Press, ISBN: 978-81-953918-1-3



Dr. P. Santhosh Kumar Patra, Dr. D. Ranadheer Reddy, Mr. K. Upender Reddy and Dr. S. Someshwar wrote a Text Book of Discrete Mathematics - Publisher: M/s Spectrum University Press, ISBN: 978-81-948787-8-0.



Dr. S. Suresh published a book chapter with title "An Overview of Breast Cancer" - Multidisciplinary research, AKHAND PUBLISHING HOUSE, ISBN 978-93-90870-71-4.



PATENTS

- **Dr. R. M. Mastan Shareef** did patent in the field of “**Probabilistic Method in Applied Mathematics for Farming System Tracking through Machine Learning and the Internet of Things (IoT)**”, Patent Number: 202241069479 A.
- **Dr. R. M. Mastan Shareef** did patent in the field of “**Application of linear algebra and partial derivatives to machine learning and artificial intelligence**”, Patent Number: 202341015521 A.
- **Dr. Nirmala Devi** did patent in the field of “**Implementation of a systematic framework for analyzing the impact of the English language on politics and economic theory**” Patent Number: 202341031959.

PUBLICATIONS

- **Dr. D. Ranadheer Reddy** published an article in National Journal, ie, “A Study on Employee Attitude towards Organization Heritage”, JFCR, VIII, 5, 207-217, ISSN: 2277-7067.
- **Dr. D. Ranadheer Reddy** published an article in National Journal, ie, “A Study on Rewards and Recognition at Doctor Reddy’s Laboratories”, JFCR VIII, 5, 159-171, ISSN: 2277-7067.

- **Dr. D. Ranadheer Reddy** published an article in National Journal, ie, “A study on salary and wages administration at grace manpower and security services”, JFCR VIII, 5, 239-251, ISSN: 2277-7067.
- **Dr. D. Ranadheer Reddy** published an article in National Journal, ie, “A study on Employee Engagement With reference to Genius Human Resource Solutions”, JFCR, VIII, 5, 274-284, ISSN: 2277-7067.
- **Dr. D. Ranadheer Reddy** published an article in National Journal, ie, “A study on organizational climate at spencer’s limited”, JFCR, IX, 2, 5-11, ISSN: 2277-7067.
- **A. Sarveswara Reddy** published an article in National Journal, ie, “A study on performance appraisal at Heritage Foods”, JFCR, III, 5, 1-20, ISSN: 2277-7067.
- **A. Sarveswara Reddy** published an article in National Journal, ie, “An analysis of retention issues in ICICI PRU”, JFCR, III, 5, 21-39 ISSN: 2277-7067.
- **A. Sarveswara Reddy** published an article in National Journal, ie, “A Study on performance appraisal on BAJAJ FINANCE”, JFCR, III, 5, 136-158. ISSN: 2277-7067.
- **V. Lakshmi Prasanna kumari** published an article in National Journal, ie, “A Study on mergers and acquisition at Union bank of India”, JFCR, VIII, 5, 291-298 ISSN: 2277-7067.

- **V. Lakshmi Prasanna kumari** published an article in National Journal, ie, “A Comprehensive analysis of different ratios at SBI bank”, JFCR, VIII, 5, 303-309 ISSN: 2277-7067.
- **V. Lakshmi Prasanna kumari** published an article in National Journal, ie, “A Study on comparison between investment in equity and mutual funds in angel broking Co.”, JFCR, VIII, 5, 395-402, ISSN: 2277-7067.
- **K. Sathish** published a National Journal, *i.e.*, “A study on assets and liabilities management at Ultratech direct”, JFCR, Vol. IX, No. 3, 40-57, 2022 ISSN: 2277-7067.
- **K. Sathish** published a National Journal, *i.e.*, “A study on e-banking with reference to HDFC bank”, JFCR, Vol. IX, No. 3, 233-253, 2022 ISSN: 2277-7067.
- **S. Srinivas** published a National Journal, *i.e.*, “A study on loyalty programs at big bazaar”, JFCR, Vol. IX, No.3,355-375, 2022 ISSN: 2277-7067.
- **S. Srinivas** published a National Journal, *i.e.*, “A study on brand equity of Laxmi Hyudai”, JFCR, Vol. IX, No 3, 376-394, 2022 ISSN: 2277-7067.
- **B. Kanakalaxmi** published an article in National Journal, ie, “A study on effectiveness of recruitment and selection procedure at Hinduja global solutions ltd”, JFCR, VIII, 5, 408-414, ISSN: 2277-7067.
- **B. Kanakalaxmi** published an article in National Journal, ie, “Organization behavior at Maruti Suzuki”, JFCR, VIII, 5, 12-21 ISSN: 2277-7067.
- **Dr. A. Rambabu** published an article in International Journal, ie, “Synthesis, characterization, X-ray crystal structure, antioxidant, antimicrobial, and DNA binding interaction studies of novel copper (II)-isoxazole binary complexes”, Results in Chemistry, vol. 5, 100846.
- **Dr. Ranadheer Donthi** published an article in National Journal, ie, “The optimization of the health care system by M/M/S queueing model”, AIP Conference Proceedings 2707, 040007, doi.org/10.1063/5.0148445
- **Dr. N Devi** published an article in National Journal, ie, “An Innovative Method for fake news classification using LSTM-RF Approach”, ICESC-2023, IEEE Conference, ISBN: 979-8-3503-3360-2.
- **Dr. N Devi** published an article in National Journal, ie, “Real- Time Quality Assurance of Fruits and Vegetables Using Hybrid Distance Based MKELM Approach”, ICSCSS-2023, IEEE Conference ISBN: 979-8-3503-3360-2.

Dr. S. Suresh published an article in International Journal, ie. "Investigations on the Mechanical Properties of Powder Metallurgy Manufactured AA7178/ ZrSiO₄ Nanocomposites", Advances in Materials Science and Engineering, 2023, <https://doi.org/10.1155/2023/3085478>.

Dr. S Hemambika published an article in International Journal, ie, "Experimental investigation on the impact of mechanical properties of SiC, Al₂O₃ and ZrSiO₄ particles on AA6063 composites", Materials Today: Proceedings, 2023, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2023.05.259>.

Dr. S Hemambika published an article in International Journal, ie. "The use of back surface field and passivation layer to enhance the performance of silicon heterojunction solar cells", Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2023.04.58>.

Mr. Mara Vignesh Reddy bearing R.No. 22K81A7328 from I B.TECH - AIML section has participated in Volley Ball event and secured II Position in Chief Minister's Tournament 2023 organized by the Sports Authority of Telangana State in Kamareddy from 15th to 17th May 2023.



Student Achievements



Mr. Mamidi Ravi Kumar bearing roll. No 22K81A05A4 from I B.TECH -CSE -B participated in South India open karate championship organised by brilliant karate organisation of India on 9th April 2023 and has won gold medal.



Mr. Deepak Sharma bearing roll. No 22K81A05B5 from I B.TECH -CSE -C obtained Graph Developer Certificate organised by APOLLO and the certificate issued on 10/03/2023

APOLLO CERTIFIED

Deepak Sharma
Graph Developer - Associate

Developers who obtain this certification possess a solid foundational knowledge of GraphQL and the Apollo tool suite to design a schema, run an Apollo Server, and perform queries with Apollo Client on the frontend.

Issued on 10/03/2023
This certification does not expire
ID: 9214530a-66a4-4a5e-abca-664e21a68441

V. SHRUTHI, ECE-B Bearing roll number 22K81A04C4 participated in Literary competition at jntuh on the occasion of decennial celebrations of telangana state formation on 20th June 2023.



Ms. D. Amulya Reddy Roll.no 22K81A05E3 from I B. TECH - CSE-C performed Bharata Natyam at Ravindra Bharathi organised by Dept. of language and culture, Govt. of Telangana on 21 april 2023.



Student Achievements



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Ms. Vaddipalli Gayathri bearing Roll. No-22K81A7360 from 1B-Tech-AI&ML participated in Essay writing competition organised by JNTUH on the occasion of Telangana Formation Day Decennial Celebrations-2023 on 20th June 2023



Mr. RVK SARMA bearing Roll. No-22K81A05B3 from 1B-Tech CSE participated in Essay writing competition organised by JNTUH on the occasion of Telangana Formation Day Decennial Celebrations-2023 on 20th June 2023.



Mr. Parijat bearing Roll. No-22K81A0217 from 1B-Tech EEE participated in Essay writing competition and secured consolation prize organised by JNTUH on the occasion of Telangana Formation Day Decennial Celebrations-2023 on 20th June 2023.



Ms. Virajitha bearing Roll. No-22K81A04L9 from 1B-Tech CSE participated in Essay writing competition organised by JNTUH on the occasion of Telangana Formation Day Decennial Celebrations-2023 on 20th June 2023.



Ms. Satta Pavani bearing Roll. No-22K81A05B6 from 1B-Tech CSE participated in Essay writing competition organised by JNTUH on the occasion of Telangana Formation Day Decennial Celebrations-2023 on 20th June 2023.



Science club is conducted in the department of S&H on every Saturday.

This is to provide a platform for students to explore and engage with various scientific disciplines outside of their regular coursework. It aims to foster a passion for science, encourage scientific inquiry, and promote a collaborative learning environment among students. The key aspects and activities that can be part of a science club are **Interest-based groups, Workshops and demonstrations, Science fairs and exhibitions, Science competitions and quizzes, Science magazine or newsletter.** The primary goal of a science club in a B.Tech institution is to provide a vibrant and dynamic platform for students to explore, learn, and share their passion for science. It fosters a spirit of curiosity, critical thinking, and scientific inquiry, enhancing the overall learning experience and preparing students for future scientific endeavors.



*“You can swim all day in the sea of
knowledge and not get wet”*

The Literature club has been conceived by the Department of English for the love of the language exhibited by all students. With over 78 members, it is one of the most active clubs in campus.

Activity 1

The Participants, who attended the session on ‘Role Play’ found it involves imagining the perspective of a person in a specific role and situation and then speaking and behaving as one would imagine Role play. Participants provide the setting and situation then the player’s role play without a script. Through Role play, participants enjoy shared experience and effective preparation plus role playing provides accurate assessment of their skills. Those who are invited into Role playing may show resistance in a variety of ways but emphasizing the benefits of Role play can help combat these barriers. Participants made cent percent use of the verbal communication with effective body language that was showered on them. This was an experience, that the students would n’t forget in their life-time. Participants were inspired to think beyond limits, beyond their normal understanding of themselves. Such an experience is much needed for everyone to have a boost-up in their lives. The session was found to be beyond inspiring to all the attendees. It was the most surreal memoir for everyone sitting in the hall. This event was a full-fledged success.



Activity 2

The Participants, who attended the session on ‘Skit’ once they’ve created their skit, the first thing they were going to need was actors. They were performance to be the people who were acting to play their characters, so they had enough participants near them, see they would be willing to play their characters. This step would be the hardest unless it has been organized before they started writing down their ideas. Once

they were done found the actors, they would need to give them the script. It was their role to learn the script before practicing. Participants were inspired to think beyond limits, use of the verbal communication with body language. Such an experience in much needed for everyone to have a boost up in their lives.



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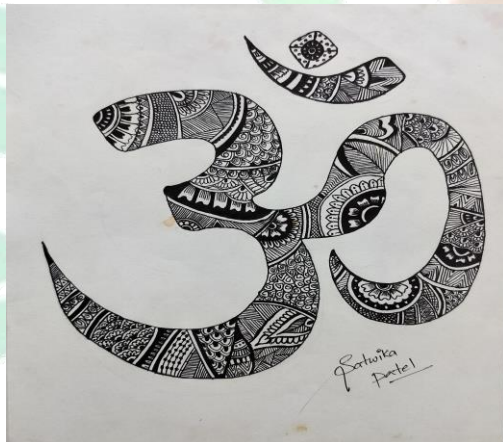
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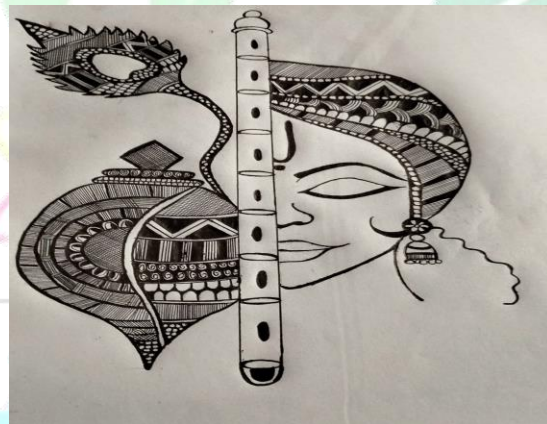
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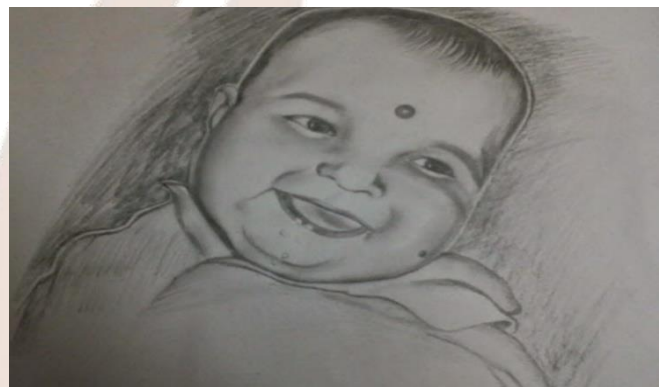
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Title: The Caste System: A Devil in Our Society

The caste system is deeply rooted in social hierarchy that has been plugged in Indian society for centuries. India has 4 caste systems like Brahmins Kshatryias, Vaishyas, Shudras and lastly Dalits. Due to this, Social Evil (Caste System) perpetuates economic imbalance and the

Higher castes enjoy preferential treatment, inheriting economic privileges and monopolizing positions of power. Dalits and lower castes often face economic exploitation with limited access to education and decent employment opportunities. In those days and now in some remote villages, caste system is still practiced and this caste system should be eradicated completely and the next generation should be free from this caste feelings.

--- **R.V.K Sarma**
CSE-B

WHAT IS LIFE??

Living for you or living for others. Living for others and making them happy is the most ecstatic thing. You can also be happy while making sacrifices for others' happiness but never sacrifice your own happiness...don't search your happiness while making others happy because you also have a life. Making yourself happy is a cheerful and beautiful moment and there is nothing wrong with being generous and coming to the aid of those you love. There is a limit sacrificing for your loved ones should be a part of your life, but it should not be your life. "Loving yourself more than you love others is the first and most critical step to seeking happiness and fulfillment".

WHAT IS THE WAY TO MAKE LIFE HAPPY??

Live a life like Mr. Bean:

A life with 0% expectations from people. A life where you create happiness in your own way. He is a man with that "inner child" still alive in him.

He lives his life in his own way and doesn't pay heed to what others say.

He never takes things too seriously, unlike many of us do but converts even the most serious and difficult situation into an easy going one with his calm and relieving attitude.

He lives alone and doesn't have many people to share his feelings with but yeah, he has "teddy", with which he shares everything.

He knows how to celebrate alone, on his birthday he himself goes to a restaurant, gives himself a card and only with this he becomes super happy.....he enjoys even the simplest pleasures of life in the best way possible.

He finds pleasure in small things. He finds happiness even in the silliest thing, whether it be preparing a midday meal on the bench or talking to his teddy.

He cherishes even the smallest moments adding to his childish curiosity and excitement.

Most importantly, he creates happiness for himself.

And this is the main factor in he being able to live a happy and content life....."

"There's no way to happiness, rather happiness is the way."

"Happiness is not by chance but by choice "

--- **K.V.SAI PRANAVI**
ECE-A

LOVE



Love is a cool breeze in a sunny day,
Making us mad and comfort putting fears away.
It's a relation and bond between two hearts,

Making caste and religion apart.

Love is a beautiful journey in never ending flight,
It doesn't have any map, yet it feels it's right.
For love has known no bound,
It's the best feeling ever found.

--- A.Gilbert
EEE

రేపటి తరానికి రేప్ అన్న పదం

తెలియకూడదు....

మొన్న ఢిల్లీ....

నిన్న తెలంగాణ.....

నేడు ఆంధ్ర.....

రేపు ని చెల్లి....

ఆగవు ఈ హత్యాచారాలు....

ఆపేందుకు నీది నువ్వే చుట్టాలి శ్రీకారం....

ని మండే కళ్ళే వాడి బ్రతుకుని చేయాలి అంధకారం....

భయం వదులు.... అప్పడే నీకు అన్నగా క్షణాలు మిగులు....
--- G.Udaya Sree
CSG



MISSION BHAGIRATHA

Crystal water flows

Quenching the cry of cracked Earth

It glides and slides from the rejuvenal grace of Godavari

To every house, donning smiles

It washes away the agony of drought

bringing forth flush green leaves and blossoming flowers

It showers the blessings of Krishna

Healing all her children's maladies

Gracing all households with eternal joy

May Nalgonda be blessed

With gentle torrents of Godavari and Krishna

Like this land was blessed then

by mighty Ganga on plea of Bhagiratha

The history repeats through

The efforts of current Bhagiratha--CM KCR

--- K.Divya Sai Sri
CSE-B





BEAUTY OF WOMANHOOD

As a diamond receives severe bolts to enhance its beauty, similarly a woman endures difficulties to enhance her beauty and worth. A woman's natural beauty does not lie in her jewelry or in her expensive clothing. It lies in her playing different roles as an affectionate mother, devoted wife, loving daughter, trustworthy sister, caring grandmother, etc. A woman is the personification of ageless beauty, purity, grace, and dignity. She symbolizes virtue, great inner strength, tremendous patience, resilience, and fortitude which reflect the innate beauty of every woman. That is the real beauty of womanhood! She inculcates healthy habits, morals, and ethics in everyone around her which escalates her beauty that is spread across the world. She is the pillar of Strength not only to her family but also to the society and country as a whole.

Motherhood is the final attainment of every woman in which she derives happiness, satisfaction, and joy. To enhance her beauty, a woman need not rely on beauty products, her inherent beauty is found in her unconditional love, unselfish devotion, sacrifices, never complaining attitude, and compromising nature.

The thought that men and women are equal seems unnatural. The sacrifices a woman makes, and the compromises she does is commendable and cannot be equaled to any other thing on this earth.

--- A.Madhavi Latha
Assistant Professor of English

BELIEVE



Two fish live in a pond. One fish name is positive. Another fish name is negative. A positive fish will only see the good side of anything. Negative fish will look for something bad even in good people. Besides, the positive fish and 'Thou shalt trust all.' It often says that one day someone is going to throw you away. Positive fish 'Everyone has some good qualities. It will save me,' he says with a smile.

Days started moving. The rainy season has come. It was raining so much that the pool was full of water. Positive fish and negative fish were jumping and playing on the water. After playing for a long time, both the fish got tired and took a rest in a lotus flower. Then they heard a cry from somewhere. Immediately the two fish started searching for who was crying. Then, the two fish watched the scorpion standing by the pond and crying. Immediately, the positive fish said, 'What is the problem with that scorpion... let's go and investigate.' For that, the negative fish means, 'Oh, I won't.' Look at that scorpion's tail. See how big. It will be very poisonous. If we go to that place, we will die. I will not come the fish said, 'You can go if you want' and ran away and hid in the water.

Positive fish went to the crying scorpion. 'Friend, why are you crying? Can I help you with something?' To that the scorpion said, Fish friend, my family is all around the pool. When the rain came and flooded the bank, I was the only one who waded through the

water and came to this side. It would be a great help if someone could take me to that side. I asked if you could help me. The positive fish immediately said, 'I will do it generously, my friend'. The positive fish said come and climb on my back. The negative fish, who had heard the positive fish and the scorpion from the water, said, 'Positive fish, don't want it.' He shouted that he will sting to your back.

Hearing this, the scorpion panicked and said, my dear friend, I will use this sting to protect myself from danger. otherwise 'I will not misuse this sting.' The negative fish said 'I won't believe you no matter what you say' and went back into the water. Only the positive fish called the scorpion again, 'Climb on my back, my friend.' The Scorpion immediately climbed to the top of the positive fish. The scorpion was taken safely to the shore without drowning in the water and collected positive fish. Seeing the lost scorpion again, the scorpion family bowed to the positive fish that caused it.

A few days passed. The negative fish lying on the lotus flower caught the eye of the hawk flying over the pond. Immediately came down, lifted his necktie and flew away. The negative fish burst into tears and screamed. The hawk did not see all that. Sit on a coconut tree and eat the negative fish on coconut fronds. At that time, there was a scorpion in that coconut tree that was protected as a positive fish. Realizing the danger instantly, the scorpion stood opposite the hawk and said, this fish is my friend. The Scorpion threatened that if you want to eat this, I will kill you. The hawk got scared. Well, I won't do anything with this fish. The hawk said don't hurt me and flew away. Immediately the scorpion brought down the negative fish from the tree and left it in the

scorpion. From the day onwards, negative fish and positive fish started to think that everyone is good.

--- Dr.M. Nirmala Devi
Assistant Professor in English

IMPORTANCE OF COMMUNICATION SKILLS



Communication skills plays a major role in securing a good position in IT sector. B.Tech graduates who owns communication skills as their asset likely to be given more preference than the students who lack them. These skills are critically important for service-based software companies, whereas, product-based software companies focus more on strong technical skills.

For businesses that provide software as a service rather than a product, strong technical abilities are more vital than good communication skills. Product-based software companies are fine with it even if the communication abilities are average.

Candidates with very good technical capabilities are hired by product-based software companies. Although they accept mediocre communication abilities, they do not compromise on technical proficiency.

Communication abilities are crucial for service-based software organizations because they lack their own software. They offer services to other businesses, and the majority of the nations/continents they work with speak English, like the USA, Europe, the UK, Australia, etc.

This is why service-based software companies need employees with strong communication skills. People who can effectively communicate with clients.

An employee of a corporation is not speaking for himself when writing an email to a client. He is a representative of the business, thus if he can't successfully communicate, the client will have a negative opinion of it, which could be embarrassing for the business.

As a result, when hiring new employees, service-based software firms evaluate applicants' communication abilities. Candidates are put through verbal ability tests, reading comprehension tests, and writing comprehension examinations.

They hold activities like extempore, debates, group discussions, JAM (Just A Minute), etc. to evaluate verbal skills. Communication skills are important for students to learn since they are crucial to developing a successful professional career. So, the students need to learn communication skills because they help them a lot in building a strong professional career.

--- **Mr.K. Upender Reddy**
Associate Professor

DESTINY

Destiny's hands show the right chosen way
When to let go, when to cut loose in its
rhyme
Has the final said to our paths in time.
To what so ever draws in my endless sight of
dawn
Time is passing by, something to can't
undermine.
Distance, so few thoughts I gave, until we
had to leave.
But in that moment, I could feel that distance
is heavy, hard, and real.



--- **Mr.T. Sujith**
Asst. Professor



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Department of Science & Humanities



**All Birds
find shelter
during rain. But
Eagle avoids rain by
flying above the clouds**

**"EDUCATION IS THE ART OF
MAKING MAN ETHICAL"**