SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA: VIJAYAWADA
(An Autonomous college in the jurisdiction of Krishna University)
Re-accredited at 'A++' grade by NAAC
A College with Potential for Excellence

STUDENT-CENTRIC TRAINING TO PROMOTE LEADERSHIP QUALITIES

1. **Title of the practice:**
   Student-Centric Training to Promote Leadership Qualities

2. Objectives of the practice:

The Institution believes in empowering young women to become holistic entities equipped with suitable skills to serve society. Keeping in view this noble mission the Student Union Committee and the IQAC with the help of all the departments have undertaken a number of student-centric programmes providing ample scope for training in Communication skills, Community Service Projects, Team work, Problem-Solving, Skill Training, Earn-while-you-learn programmes, Value Orientation, and other important aspects.

3. **The context:**
   The growing concerns of unemployment and lack of training in professional and emotional balance in the student community have been leading to frustration, depression. A good grounding in Student-Centric training in leadership skills is vital therefore to train students to be fit-for-jobs and fit-for-life with the necessary skills.

4. **The practice:**
   The departments are encouraged to offer courses in Leadership, Human Values, Ethics, Skill Development, conduct programmes and celebrate department fests and events which include large participation of students in events such as poster presentations, J.A.M, debate competitions, elocution competitions, essay competitions, P.P.T presentations, collage making and other activities. These fests become a platform for students to develop leadership traits which would hold them in good stead in their future. Students also have vital training and knowledge in Communication Skills, Soft Skills, Ethics and Professional skills. Students are encouraged to participate in Internships, Community Service projects, field trips, workshops, seminars and student publications, EDC and Earn while you Learn Programmes to foster their leadership skills.

5. **Evidence of success:**
   The students of the college hailing from basically disadvantaged economic and social backgrounds have exhibited remarkable progress and confidence, most especially in their performance in campus drives, presentation of papers, confidence levels in public speaking and better overall performances in exams. They also have exhibited remarkable prowess in cultural, sports and other extra-curricular activities.

6. **Problems Encountered and Resources Required:**
   Students have to complete their courses with regularity and hence face the crunch of time-constraints. Some students with poor communication skills feel insecure and refrain from participating in such activities.

STUDENT CENTRIC TRAINING TO PROMOTE LEADERSHIP QUALITIES 2023-2024

Communication (Training):

1) <u>Adult Literacy Programme:</u>

   The Department of Economics organized Adult Literacy Programme at Krishna Lanka, George pet, Vijayawada.

2) *Earn While You Learn* **(Preparation of Domestic Utility Products)**

        The Chemistry Club 'Analyte' organises the Earn While You Learn Programme which is useful for students who want to take care of their own expenses and for those who are willing to share the burdens and responsibilities of their parents. It is observed that this programme boosts the self-confidence and independence of the students. This programme also helps the student to face the workplace environment and pressures with ease and comfort. If students do part-time jobs while studying a course they will get uncountable exposure and benefits. They may also know how to earn, how to save and plan their finances for the future and also learn to spend their hard-earned money wisely. They also learn time management and commercial awareness techniques to suit the job market. This concept was designed keeping in view the economic status of the students, hoping that, this initiative goes a long way in enabling them to be self-sustained by taking recourse to manufacturing any of the items demonstrated in our labs. The department sold the items to hostels and students and generated income which is used for the payment of fees for poor students in the college and Government DWAKRA Women Self-Help groups.

Students Preparing Sri Durga Products (Soap Oil and Detergent Powder).

3) A RADIO TALK ON FREEDOM FIGHTERS BY STUDENTS

The Department of Telugu encourages students to participate in Radio talks to promote

Communication Skills.

B. Ramya – II MSCS A

Communication in English is very important now a days. So, to improve communication skills-Elocution, Essay Writing, Debates, Poetry Recitation, Book Review, Phonetics, and Guest Lectures were conducted by the Department of English in association with the Literary Committee.

4) Essay Writing Competition on "Importance of English In Higher Education" and "Influence Of Social Media On Youth" were conducted.

5) The Department of English in association with the Literary Committee conducted a Debate on "Online Education versus Traditional Education".

6) A Workshop on "Phonetics" and the Study of Speech, and Sounds were conducted.

7) In collaboration with the Library Sciences Department of English conducted a Poetry Recitation Competition on "Indo Anglian Poets".

8) The Department of English in association with IQAC Initiative organised "Talk The Book" which is a programme that reviews books and inculcates reading habit.

9) The Department of English organised a Guest Lecture on "Communicator and Communication".

Value Orientation

1) **Motivational talk on Aim-Act-Achieve**

   Students are given value orientation through Motivational talks on a regular basis. A motivational talk entitled 'Aim-Act- Achieve' was delivered by Maha Sahasra Avadhani. Dr. Garikapati Narasimha Rao to encourage students to be good leaders.

2) Department of Computer Science

The Department organises Computer Training Programmes every year during summer vacation.

3) Value Education and Professional Ethics Overview

The I year Degree students are offered a Skill Development Course in Value education that emphasizes on personal, social, moral, and spiritual values, fostering harmony in relationships and society. It aims at fostering trust, respect, and universal order. The students are trained through guest talks, field trips to adopted villages, conduct surveys in community as well as a mandatory 30 hour course in Human Values and Professional Ethics.

Students have taken part in a variety of Community Service Projects to encourage their commitment to help others and make a meaningful impact in our community.

Community Service Projects 2023-2024

S.No	Class	Name of the Mentor	Total No of students	Title of the Project
01	B.A Political Science	Dr.G Padmaja Political science	27	Voting Behaviour in 2024 Elections
02	B.A Economics	D. Aruna Economics	22	Social Media and its effects
03	B.Com General	B. Mounika Commerce	24	Saving and Investments
04	B.com Computer Application-A	B. Haritha Statistics	53	School Education
05	B.com Computer Application-B	P.Ratna Sree English	57	Amma Vodi
06	B.com Banking	Y. Sri Sindhu	37	Women Empowerment

		English		
07	B.B.A Hons General	M. Padmavathi Commerce	31	Online Purchases for Commerce
08	BBA TCS (BBA,BPM)	G. Jyothi Maths	38	Used Chemicals on Fruits
09	Business Analytics	Ch.Manjusha Commerce	14	Consumer behavior
10	BCA HONs	I. Manjula, Telugu	41	Women Education
11	B.Sc Statistics	B. Brahmani Statistics	23	Health and Hygiene
12	B.Sc Mathematics	B.Kiranmayi Maths	26	Water Facilities and Water Pollution
13	B.Sc Physics	K. Kavitha Political Science	27	Healthcare awareness programmes and their impact
14	B.Sc Computerscience-A	M. Beulah Rani Computers	44	Drinking water availability
15	B.Sc Computerscience-B	K.Bhanu Priya Maths	43	Plantation
16	BSc DataScience	M. Dhana Lakshmi Maths	35	Yoga awareness and practice
17	B.Sc Cognitive systems	A.Surya Kumari Chemistry	42	Used Chemicals on Vegetables
18	B.Sc AI	M. Radhika Chemistry	41	Food Adulteration
19	B.Sc Chemistry	M. Syamala Chemistry	36	Organic Farming
20	B.Sc Botany	T. Salomi Botany	19	Nutrition
21	B.Sc Aquaculture and Technology	M.Prasamsa Aquaculture	13	Aquaculture
22	B.Sc food science and Technology	G.Nooka Ratnam FST	47	Traditional Health care methods

23	B.Sc .Biochemistry	Dr.A Pallavi Biochemistry	21	Herbal Plants
24	B.Sc Microbiology	Ch..Meghala Microbiology	39	Vaccination

PLACEMENTS AND TRAINING

Placement training on communication skills is crucial for students and job seekers to excel in interviews, group discussions, and other selection processes. Here's a structured approach to developing communication skills for placements:

1. Understanding Communication Skills

• Verbal Communication: Speaking clearly, confidently, and concisely.

• Non-verbal communication: Body language, facial expressions, and gestures.

• Listening Skills: Active listening to understand the speaker's intent.

• Written Communication: Writing error-free emails, resumes, and reports.

2. Key Topics to Cover

• Resume Building: Writing impactful resumes and cover letters.

• Personal Introduction: Crafting a 30-60 second self-introduction.

• Group Discussions:

• Initiating and contributing to discussions.

• Handling conflicts and interruptions politely.

• Summarizing effectively.

• Interview Preparation:

• Answering HR and technical questions.

• STAR (Situation, Task, Action, Result) technique for behavioral questions.

• Asking thoughtful questions to interviewers.

• Public Speaking:

• Improving stage presence and confidence.

• Structuring ideas logically.

3. Practice Activities

• Mock Interviews: Simulate real interviews for feedback.

• Group Discussions: Organize sessions with peers on current topics.

• Role Plays: Practice professional scenarios, such as resolving conflicts or negotiating.

• Speech Exercises: Present short speeches to improve fluency and confidence.

4. Tips to Enhance Communication Skills

• Read Regularly: Newspapers, blogs, and professional articles.

• Expand Vocabulary: Learn new words and phrases daily.

• Practice Speaking: Record yourself or practice in front of a mirror.

• Listen Actively: Watch TED Talks, podcasts, or interviews.

• Seek Feedback: Regularly ask for constructive criticism from peers or mentors.

5. Tools and Resources

• Books:

• How to Win Friends and Influence People by Dale Carnegie.

• The Art of Public Speaking by Stephen Lucas.

• Apps:

• Grammarly (for written communication).

• Cambly or ELSA (for improving spoken English).

• Videos: TED Talks and interview preparation tutorials on YouTube.

• Workshops: Enroll in professional communication skill courses or attend placement-specific webinars.

6. Evaluation and Feedback

• Conduct regular assessments through:

• Mock tests for written communication.

• Recorded GDs and mock interviews for verbal and non-verbal skills.

• Track improvement areas and focus on addressing weaknesses.

Training in Leadership Skills- Departmental Fests

TechSparks: Every year the Department of **Computer Science** organizes Inter Collegiate Technical Fest. The students are encouraged to participate with a very high competitive spirit participate. They evince eagerness to record their achievements & accomplishments in their resumes. The aim of the fest is to provide a platform for the students to showcase their talents with a competitive spirit. Students from various colleges participated in different events and made it successful. A poster on TECHSPARKS was released in advance to publicize the event.

Students participating in face painting

Judge viewing the presentation done by the participants

Students participating in Quiz

4) Mathematics Week :

The Department of Mathematics conducts this unique programme to inspire math students to reach
up to greater achievements. As a part this extended learning maths Quiz, Poster presentation,
Seminars, J.A.M etc were conducted in our college.

MATH FASHION SHOW Beauty is truth, truth is beauty is all we know on earth, and all we need to
know. Is a famous and provocative quotation of John Keats. Many people think of mathematics as
austere and self-contained. On the occasion of National Mathematics Week, the department organised
in-house math fashion show using math symbols, 2d shape. In this competition the first, second and final
year students of arts and science streams participated.

Entrepreneur Development Cell

Tailoring

Craft Making

Cloth Painting

SPORTS STAR in the College

M.Anusha, I B.A Selected and participated in World University Games in long jump triple jump at Chengdu, China.

NATIONAL YOUTH FESTIVAL

Our girls got an opportunity to participate in the State Youth Festival conducted at KLU where they met great Panel Members and attained knowledge regarding Leadership, Sustainable Development and entrepreneurship. Then our girls got selected to the National Youth Summit at Nasik, Maharahstra. Vaibhavi and Vaishnavi got the opportunity to speak infront of all the delegates.

Students Publication Details 2023-24:

1. The Paper titled "Application of Bernoulli's Differential Equation to Rate of Dissolution" has been published in "International Journal of Research Publication and Reviews", Volume 4, Issue 9, September 2023.Date: 14/09/2023

2. The paper entitled "ANALYZING CONVERGENCE RATES OF THE BISECTION METHOD FOR ROOT-FINDING USING SCILAB" has been published in International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Volume 03, Issue 09,pp : 204-207,September 2023. Date: 16/09/2023 With paper ID"IJPREMS30900005559"

3. The paper entitled "A ROBUST BISECTION METHOD FOR ROOT FINDING IN C" has been published in International Journal of Progressive Research in Engineering Management and Science (IJPREMS),Volume 03, Issue 09,PP:238-240 September 2023 with paper ID "IJPREMS30900008910".

4. The paper entitled "ESTIMATING TIME OF DEATH IN FORENSIC INVESTIGATIONS USING DIFFERENTIAL EQUATIONS AND NEWTON'S LAW OF COOLING" has been published in International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Vol. 03, Issue 10, October 2023, pp : 21-23. Date:05/10/2023 with paper ID

   "IJPREMS31000000771"

5. The paper entitled "MODELING AND ANALYSIS OF SERIES CIRCUITS USING LINEAR DIFFERENTIAL EQUATIONS" has been published in International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Vol. 03, Issue 10, October 2023, pp : 24-27.Date: 05/10/2023 with paper ID "IJPREMS31000000859"

6. The paper entitled "CHOLESKY FACTORIZATION WITH MATLAB" has been published in International Journal of Scientific Research and Engineering Development, Vol. 6, Issue 5, September-October 2023, pp : 849-852.Date: 15/10/2023 with paper ID "*IJSRED-V6I5P103*"

7. The paper entitled "Analysis of Water Leakage from a Right-Circular Cylinder Tank" has been published in International Journal of Scientific Research in Engineering and Management (IJSREM),Volume: 07 Issue: 10 ,October - 2023, pp : 1-3.Date: 27/10/2023 .

8. The paper entitled "Analysis of Numerical Integration Methods for Estimating Pond Area: A Case Study of Kanuru Pond" has been published in the International Journal of Scientific Research in Engineering and Management (IJSREM),Volume: 07 Issue: 10 October - 2023 Pg no.1 to 5 Date: 28/10/2023.

9. The paper entitled "Signal-to-Noise Ratio (SNR): A Cornerstone Metric for Quality and Reliability in Diverse Applications" has been published in International Journal of Research Publication and Reviews (IJRPR),Vol 4, no 11, pp 356-359 November 2023 Date: 06/11/2023 .

10. The paper entitled "INTERPOLATING DEFLECTION AND SLOPE OF A CANTILEVER THIN BEAM WITH POINT LOAD: A COMPREHENSIVE ANALYSIS" has been published in International Journal of Advance Research & Innovative Ideas in Education (IJARIIE),Vol 9, Issue 6, pp 644-647 November 2023 Date: 16/11/2023 .

11. The paper entitled "PREDICTING VIRUS SPREAD IN A CITY OF RESIDENTS USING THE LOGISTIC FUNCTION" has been published in International Journal of Advance Research & Innovative Ideas in Education (IJARIIE),Vol 9, Issue 6, pp 648-651 November 2023 Date: 16/11/2023.

INTERNSHIPS

Students participating in various Internships.

Students done a Project in Icon Labs:

Students done a Project in Rainbow pharma training laboratories:

Students done a Project in Pearl Laboratories:　　　　**Students done a Project in Rani Life Sciences:**

　　　　