

D.K.W GOVERNMENT COLLEGE FOR WOMEN(A), NELLORE
DEPARTMENT OF STATISTICS

SWOC ANALYSIS

CURRICULAR ASPECTS

STRENGTHS:

- 1) All of our Department faculty actively involved in Boards of Studies contributing to Curriculum design and implementation
- 2) Our faculty(Principal) involved in APSCHE syllabus framing

WEAKNESSES:

- 1) Due to paucity of time available to students and due to economic background of students, limitation on implementation of Value added courses.

OPPORTUNITIES:

- 1) To start new Group combinations
- 2) Scope for interdisciplinary Certificate courses

CHALLENGES:

- 1) Keeping pace with the rapid changes in Higher Education

TEACHING & LEARNING:

STRENGTHS:

- 1) Qualified and experienced staff
- 2) Our Department faculty actively involved as QBG(Question Bank Generators) and QBSE(Question Bank Subject Experts) by CCE-AP.
- 3) Online classes for students all over the State in collaboration with CCE-AP
- 4) Effective Bridge course & Remedial classes as our subject Statistics introduced from UG level

WEAKNESSES:

- 1) More number of Seminars/Workshops/Guest lectures to be arranged
- 2) Transfers of faculty in the middle of the Academic Year

OPPORTUNITIES:

- 1) ICT tools available in the college for optimum utilization.

CHALLENGES:

- 1) Shortage of Regular Faculty
- 2) Keeping pace with the rapid changes in Higher Education

RESEARCH:

STRENGTHS:

- 1) Our faculty completed Minor Research Project (MRP), two scholars awarded Ph.D under Research guideship.
- 2) Faculty involved in Academy book writing
- 3) Number of paper publications and presentations
- 4) Research methodology classes taken for our college Staff who are appearing for Pre Ph.D examinations of V.S.University

WEAKNESSES:

- 1) Due to lack of sufficient time available to staff they are not able to continue the research guidance

OPPORTUNITIES:

- 1) Strengthen interdisciplinary research activities

CHALLENGES:

CONSULTANCY:

STRENGTHS:

- 1) MOU with academic institution

WEAKNESSES:

- 1) Less industry-institute interaction

OPPORTUNITIES:

- 1) Industry institute interface can be enhanced further.
- 2) As there is PG course in nearby V.S.University, we will try to get MOU with Statistics Department, V.S.University

CHALLENGES:

- 1) As a part of NEP from 2022-23 all the students has to complete internship in 6th semester

EXTENSION ACTIVITIES:

STRENGTHS:

- 1) Most of our students involved in NCC/NSS/RRC as social responsibility and service
- 2) Our students got prizes in various state level competitions
- 3) Research methods classes for our college faculty pursuing Ph.D

WEAKNESSES:

OPPORTUNITIES:

- 1) Students has to be motivated to enroll for NCC/NSS/RRC

CHALLENGES:

BEST PRACTICES:

STRENGTHS:

- 1) As an academic outreach activity State level Online classes conducted by the Department in collaboration with CCE-AP
- 2) Support to staff & students of other departments by the faculty in Statistical Analysis
- 3) Facilitates the students with departmental library with more than 100 books

WEAKNESSES:

OPPORTUNITIES:

- 1) Participation of Alumni in the overall development of college as well as the department can be improved

CHALLENGES:

EXAMINATION SYSTEM:

STRENGTHS:

- 1) Timely conducting of Examinations/Declaration of results

WEAKNESSES:

OPPORTUNITIES:

CHALLENGES:

GRADUATE OUTCOMES:

STRENGTHS:

- 1) Encouraging students for higher studies and competitive exams

WEAKNESSES:

OPPORTUNITIES:

- 1) Availability of JKC/SDC
- 2) As a value addition and student support initiative, the Department planning to offer PG entrance coaching for students aspiring higher studies

CHALLENGES:

- 1) Girl students with varied socio-economic background

STUDENT MENTORING SYSTEM:

STRENGTHS:

- 1) Well structured mentoring system
- 2) Healthy interactive atmosphere between students & staff

WEAKNESSES:

- 1) As ours is a Women Govt. College mostly from rural students dropouts are owing to marital/ pregnancy reasons etc.

OPPORTUNITIES:

- 1) By counseling to the students as well as parents the dropout rate may be reduced

CHALLENGES:

INNOVATION:

STRENGTHS:

- 1) Our faculty involved in Academy Book preparation, Statistics Question Bank preparation at state level by CCE-AP
- 2) As an academic outreach activity State level Online classes conducted by the Department in collaboration with CCE-AP