

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 7.15

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	4.95	0	2.20

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The following programmes are conducted to create an ecosystem for innovations and creations for transfer of knowledge.

1. Plantation of trees

(i) We inspire students to plant saplings on all important occasions.

(ii) When we organise events, inauguration happens with plantation of saplings.

(iii) On all days of National and Cultural importance like Independence day , Republic day, New year day, Ugadhi etc we plant saplings.

2. No Vehicle day

As a best practice, We observe no vehicle day on the last day of every month where every one attends the college with out motor vehicles to reduce the pollution.

3. The college initiated facial recognition attendance system, online grievance redressal system for students.

4. Clean environment:

The institution has taken initiatives to keep the campus clean and green with plastic free environment. Every week on Saturday evening students are made to clean the campus. College conducts events like seminars on plastic free environment, ozone day, environmental day, International water day etc.

5. Conduct of seminars/Elocution competitions/quizzes/group discussions/role plays:

By conducting seminars, elocution competitions, quizzes, group discussions and role plays, the innovative ideas of students for conservation and enhancement of ecosystem are extracted. Also students are made to visit other colleges/botanical gardens /fields for observation and understanding so that they may be inspired to go for new innovations

6. Exploring Bio-Diversity:

The department of Botany puts in best efforts to develop an excellent ecosystem and biodiversity in the college. Sprawling gardens and Green House on the Shade Net are developed to promote Research on ecological concerns.

. The cultivation of rare herbal medicinal plants has successfully created an eco-consciousness among the students and promoted interest in research into the applications of herbal medicine for cost effective treatment to various chronic ailments.

7. Community service projects

The students avail of the opportunity to map their curriculum with hands- on experience through internship and project executions.

8. (i) Faculty have been motivated to attend short term training programmes and workshops and to apply for research projects to UGC and other organizations to fetch grants etc.

9.Lab to school programmes

Students of I, II and III Year visit the nearby schools and share their knowledge with other students.

10.Best practices-blood donation camps and blood grouping, ICT usage, ward-mentor system etc

This institution adopted best practices like blood donation camps and blood grouping to all students, ICT usage at optimum level, ward-mentor system et

11.Visiting fields

Students visit the agriculture fields to impart knowledge to Farmers about usage of biofertilizers.

12.Rallies

This institution has conducted rallies on AIDS Day, Drug abuse day, Yoga day, world environment day etc.

13. celebrating Important days

On the occasion of Science day the students exhibit different models for inculcating awareness about disease causing organisms to the community.

14. Poster presentation

The student makes different Poster presentations and exhibit in the college

15. College has MoUs/collaborations with other institutions to gain knowledge through extension lectures, combined lectures, exchange of students etc.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 11

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2	5	2	1	1

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.14**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
3	4	1	2	0

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)**3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years****Response:** 0.03**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2	0	0	0	0

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)**3.4 Extension Activities****3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.****Response:**

S.C.I.M Govt college conducts activities like Blood Donation camp, AIDS awareness program, Personality development counseling for girls, Antarjateeya Matru Bhasha Dinotsavam, Women Empowerment programmes, Anti ragging awareness programs Tree plantation, Quiz program (conducted in coordination with the SETWELL organization on the eve of Azadi ka amrit Mahotsav), National Sports day, Youth Festival, district level sports meet, World Science day, Independence day, teachers day,

Gandhiji & Lal Bhadur Sastry birth Anniversaries, National Integration day, Children's day, Christmas Celebrations, Sankranti sambaralu, New Year celebrations, National Deworming day, World Environment day together.

Department of chemistry conducted Ozone day, World Environment day, National Science day, World Drug Abuse day, P.C Roy birthday, Noble Prize day. Zoology department organised Field Trip. Department of history conducted National Voters day, Indian Constitutional day, Allure Sitarama Raju birthday, Jyothi Rao phule vardhanthi, Smt. Savitri Bai phule jayanthi. Dr. B.R. Ambedkar Jayanthi. Department of commerce conducted Awareness program on Business Sector Entrepreneurship, State level seminar, Guest lecture & Student seminar on Corporate Accounting. Department of physics conducted World Music day. Birth day of Vikram Sarabhai, Homi Bab birthday celebration, birthday of Issac Newton, birthday of Madam Curie and Sir C V Raman were celebrated by the department of physics. Department of economics conducted student study project-impact of SHG's on women empowerment and poverty eradication in west Godavari district, students seminars on the eve of World Population day, Awareness program on the eve of World Poverty eradication day. Department of Telugu conducted Antarjateeya Matru Bhasha Dinotsavam, Kandukuri Veersalinga Jayanthi, Telugu Bhasha Dinotsavam, Ghantasala Jayanthi. Department of microbiology conducted, World Zoonotic day, birthday of Louis Pasteur. Department of mathematics organised National Mathematics day, on the eve of Indian famous mathematician Srinivasa Ramanujan's 127th birthday, District level student group discussion. Department of zoology conducted Aqua Field Trip, World Food day, Field trip to Vermicompost plant, Blood typing of all groups of 1 year students. Department of botany conducted field visit for botany students, Blood Donation Camp, Planting of Herbal Medicinal plants, World Environment day. Department of English, Celebrate the birthday of G B Shaw's. International literacy day Daniel Jones birthday, Language day, Worlds Braille day to commemorate the birthday of Louis Braille were celebrated by DRC and English department. One day district level workshop on Phonetics was also conducted.

The NSS units conducted Vanamahotsavam, campaign against nuclear weapons, NSS orientation program, swatch bharaath, Blood grouping & RH typing by both zoology & botany, celebrated NSS day, organized Rally on the eve of Communal Harmony day, World AIDS day, World Human Rights day by NSS & history department. Students mostly involve in campus cleaning activities.

WEC conducted Women's Equality Day, Awareness program on Personal Hygiene to the girls, Two days Yoga program by Women Empowerment cell and physics department, Personality Development program, Marshal Arts training program, National Girls child day, International Womens day, awareness program on Anti Drug and Anti Ragging.

And above all, during the academic year 2021-22 community service programs were taken up by the students under New Education Policy.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government

recognised bodies**Response:**

Some of the faculty members and students of the college have received honorary awards and prizes in various extension activities. Because of them the college got good recognition. They are doing their best for the qualitative improvement of the society and the development of the college.

Faculty members are making various efforts to enhance their professional and research skills.

Some of the awards achieved by some faculty include.

- Mr. T. Prasanth Vidhya Sagar, Lecturer in Library Science

received the Outstanding Performance Award from Stanford University at Los Angeles.

And the Teachers Glory Award at the 16th World Education Summit 2020 held at Hyderabad.

- Dr. L. Jala Babu, Lecturer in Chemistry

received a Certificate of Appreciation from IIT Kharagpur on 18/09/2020 for translating the topic of Stereochemistry into Telugu language.

- Mrs. K. Rajya Lakshmi, Lecturer in Political Science

received SAMRASTA Award from Indo Nepal Samrasta Organization for the service she rendered in the field of literature, culture and society in 2018 and received another award of Potti Sriramulu Memorial Service from Siri Siri Muvva Organization for the service in literature and culture in 2015

- Mr. G. Chandrasekhar. Lecturer in Mathematics was felicitated by Honorable Minister of Civil Supplies, AP for his remarkable contribution on the occasion of Teachers day on 24.09.2022.
- Students participation

Students also participated in many service programs and received awards.

Donated blood in blood donation camp and received award of honour from Red Cross Society.

Police, health and revenue departments appreciated the efforts of NSS volunteers to create awareness among people in surrounding villages and town during COVID19.

The police department handed over certificates for various services rendered by the NSS volunteers during the 2021 Gram Panchayat elections.

- K. Bharathi, B.Sc; BZC

received **Pratibha Award** from State Government of A.P in 2018 for her best performance in university examinations.

- N. Raja, B.Com

1. Received a gold medal & Certificate on the Programme of "YUVATHARANGAM-2015" in "folk dance" competition which was conducted by AP Government in District level.

2. He was awarded first prize & Certificate in painting competition programme about "ELECTION COMMISSION OF INDIA" at town level programme. It was conducted on Voter's day i.e., on 25-January-2017 by District Election Officer & Collector, West Godavari District.

3. He was awarded a first prize & Certificate in elocution competition on Indian Economy – taxes – importance from Income tax department on the eve of INCOME TAX DAY on 24-July- 2017 in Tanuku.

4. He received appreciation certificate in "MAHA SANKALPAM" programme which was conducted by AP Government from 2-June to 8- June in 2016.

- Ravuri Vamsi and Udimudi Vivek students of our college

received appreciation certificates from DRG Government college, Tadepalligudem for participating in Literary competitions like recitation of Poems, Folk songs and Dance on the eve of International Mother Language Day.

The students of the college are from rural back ground. Many of them commute from surrounding villages by public transport. So they render their service to people in their native places and received appreciation from them.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 91

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
31	27	23	5	5

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 22

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

Located in the heart of Tanuku town, and within walkable distance from the bus stand. The college campus spreads over 7 acres out of which 4289 square meters is the total built-up area.

The college has 19 spacious classrooms and one seminar hall with ICT equipment. Out of these 19 classrooms, 3 digital classrooms and one virtual class whose equipment was sponsored by RUSA, one is a smart classroom whose equipment was sponsored by APSSDC, and 9 are equipped with an LCD projector facility.

The college provides a green and eco-friendly atmosphere, safe drinking water through an R.O. water plant, a ladies' waiting hall, and CC cameras installed at strategic places. The College accommodates the special infrastructural needs of the physically challenged. A women's hostel is being constructed with Grants-in-Aid of Rs.23,75,220/- by UGC and 90% amount was utilized and it is at the finishing level.

The college has 12 well-equipped laboratories. The list is as follows:

Physics labs-2, Chemistry labs-3, Botany labs-2 (along with Herbarium), Electronics lab-1, Zoology lab-1 (along with Museum), Microbiology lab-1, Computer Science lab-1, English language lab cum Jawahar Knowledge Centre (JKC) i.e. placement cell-1.

The college has 84 computing systems out of which 30 laptops sponsored by APSSDC, 3 laptops sponsored by RUSA for three digital classrooms, and one system sponsored by UGC for IQAC under the XIth plan. Jawahar Knowledge Centre cum English language lab was equipped with 30 clients sponsored by the Commissioner of Collegiate Education (CCE), Government of Andhra Pradesh. The computer lab is equipped with 20 computers which were sponsored by UGC under additional assistance, XIth plan. The college is equipped with one 100mbps, four 60mbps speed internet broadband connections and made campus Wi-Fi free. The students of the college have access to LMS provided by CCE.

Government of Andhra Pradesh selected this college to improve facilities to get better NIRF ranking in the district. In this regard an amount of 3.12 crore was sanctioned to augment infrastructure facilities.

The Institution has an open rostrum to conduct all kinds of cultural activities, general gatherings, assemblies, celebrations, events, etc. The college also has the conference/seminar hall which is also utilized for cultural activities. The cultural committee in the college facilitates the conduct of cultural activities and encourages the students to participate in various cultural competitions in the college, and on different occasions of national and international days of importance.

The campus with 7-acre land includes 400 meters running/walking track facilitates a wide variety of indoor and outdoor sports and games including athletics, cricket, volleyball, Kho-Kho, Kabaddi, Handball, and Indoor games like Badminton, Chess, Caroms, etc. An open Gym in the college promotes good health