

Government Degree College (A) Tuni, Kakinada Dist.



^d Institutional Development Plan 2023 – 2028

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Internal Quality Assurance Cell
Government Degree College(A)
Tuni, Kakinada District

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(Affiliated to AdikaviNannaya University, Rajamahendravaram)

Tuni, Kakinada District

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About the College:

Government Degree College(A),Tuni is a government institution, “The Tandava Sugarcane Growers and the Tuni Commission Merchants Association” took the lead in facilitating the establishment of the present institution. The college came into existence on 06-10-1980 and is named as TTSCG & TTCMA Government Degree College and was first affiliated to the Andhra University, Visakhapatnam. In the initial stage, the college introduced B.A. and B.Com. as conventional courses with a small strength of 80 students.

The college was recognized by University Grants Commission by 2(f) and 12(B) on 02-08-1988 and came to be known as Government Degree College, Tuni. With the growing demand for science groups, a conventional course, BSc (Maths, Physics, Chemistry) was started in the year 1998. In tune with the changing needs of the society and importance of computer knowledge, restructured course of BSc (Maths, Physics and Computer Science) and BA (Computer Applications) were introduced in 2000-2001. The nearby industrial requirements for chemists led to the choice of Post Graduation course in M.Sc (Organic Chemistry) in the year 2003 as a self-finance course. The college in its pursuance of providing quality education has added a fresh feather to its cap and acquired Autonomous Status in 2017. The college with the strength and autonomy in choosing new courses which are suitable to the educational demands of the nearby regions has introduced two restructured courses in Science stream namely BSc (Maths, Chemistry, Computer Science) and BSc (Botany, Chemistry, Computer science) and one course in Commerce BCom (Computer Applications) in 2017. Further, in 2018 with increasing demand in the region for Life Sciences, a conventional course in BSc (Botany, Zoology, Chemistry) was introduced. In 2019 as there is a demand for the MPC combination, B.Sc.(MPC EM) was introduced. And in 2020 we introduced the course of B.Voc in Pharmaceutical Chemistry. At present there are 10 programmes of Conventional and Restructured UG Stream and also two PG Courses in Organic Chemistry & Computer Science. The JKC (Jawahar Knowledge Centre) was established in 2007 which imparts employability skills and Life Skills for the students during their graduation.

The college is affiliated to AdiKaviNannaya University since 2012. With the assistance from UGC, a hostel was constructed in the premises in 2011. The College was accredited with 'B' Grade in cycle 1 in 2006 by NAAC, Bangalore and again was re-accredited with 'B' Grade in 2014.

The College has a campus area of 22.14 acres with two blocks. It has student friendly well-furnished classrooms and well-equipped laboratories for Physics, Chemistry, Computer Science and English. Student learning is enhanced through MOU's ,LMS.Conducive work environment is provided to faculty and staff by providing best facilities. Salaries are paid as per the state government and UGC norms in force from time to time.

UGC guidelines regarding the minimum qualification for lecturer recruitment are adhered to short term goals and long term goals for the institution are set in tune to the vision and mission of the college.



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Vision:

To provide the right academic environment paving way for intellectual excellence, humane feelings and social commitment.

Mission

- To extend equal opportunities to learn through relevant, innovative programs and services.
- To provide global knowledge and skills-test to span academia, industry and life.
- To be a custodian of Indian culture and heritage.
- To be a catalyst for societal transformation through sustainable community extension programs.
- To build a generation of nationalistic, environment-conscious and globally competitive professionals with wholesome values and attitudes

Core Values:

- **Women in development:** Women plays main role in development. In our institution our women faculty plays key roles. We encourage girl students in many aspects by organizing programmes through women empowerment cell.
- **Patriotism:** Every citizen of our country should be loyal towards the country. To inculcate this into the student minds Playing the National Song before the commencement of Class Work and National Anthem after the closure of the Class work daily is adopted as a best practice of the institution.
- **Integrity:***Integrity* is the practice of being honest and showing a consistent and uncompromising adherence to strong moral and ethical principles and values.It has to be imparted in young mindsfor transforming them into the responsible and socially accountable citizens.. In our institute the ethical and moral values are imbibed in the curriculum.
- **Inclusiveness:**Inclusiveness is the ongoing and transformative process of improving education systems to meet everyone needs, especially those in marginalized groups. Our institution has designed the courses according to the surrounding environment which can create employability to the students of weaker sections and our curriculum is helpful to the students who are going to pursue higher education.

- **Transparency:** Our institute is transparent in academic and administrative affairs by maintaining all the records through staff resolutions and through website.
- **Sustainability:** Our institution encourages the sustainable development. Most of our campus depends on the solar energy. And also we added the courses to inculcate the importance of energy resources among the students in our curriculum.
- **Institutional Social Responsibility:** Every student in our college has to be responsible for his/her actions in the campus.

Target Group:

The College is situated in the rural area catering the educational needs of the six mandals of surrounding regions of Tuni Kakinada & Anakapalli Districts. As the students are hailing from the socio, economic marginalized sections, they are the first generation literates. Our institution is with a zeal of promoting employability, equality, improving the educational standards and moulding them into good citizens in future.

SWOC Analysis :

STRENGTHS

- ☐ Well qualified and dedicated teaching faculty.
- ☐ Vast Campus of 22.14 Acres.
- ☐ Well established library with 17000 books
- ☐ Old college situated in a peaceful atmosphere.

Weakness

- ☐ Insufficient infrastructure
- ☐ Less number of Non-teaching and supporting Staff.
- ☐ Situated far away from the town premises.
- ☐ Underground water is having large TDS value (Salty water).

Opportunities :

- ☐ More number of Computer Science / Chemistry courses can be introduced
- ☐ Good support from the local elders and local reputed persons
- ☐ As Tuni is a business center, so can have more number of startups
- ☐ Hostel Accommodation can be provided to majority number of students within the

campus by approaching the welfare departments by constructing of new hostel buildings

Challenges :

- ☐ Girl students enrolment number has to be increased.
- ☐ Drop out ratio should be decreased
- ☐ Proper Net connectivity with wifi enabled campus has to be established
- ☐ Proper public transport facility from all the surrounding villages to the college has to be arranged



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INSTITUTION PLAN FOR FIVE YEARS

(2022-23 to 2027-28)

The teaching learning process now a days is an challenging aspect to the higher education as it is changing with required aspects. So it needs a strategic plan for development of institution. The Internal quality assurance cell will promote and manage the plan for proper functionality of administrative and academic systems.

Curricular Aspects:

Government Degree College(A),Tuni introduced revised choice based credit system (CBCS) for UG Programmes from 2020 on par with guidelines issued by the APSCHE.As it is an autonomous institution, the syllabi was revised every year with compulsory 20% changes from the academic year 2023-24. As it was made compulsory, there will be a 100% change of syllabus by the end of this plan period. In addition to this the college plans to offer certificate courses by the all the departments which are in connection with the Skill enhancement courses, Research orientation in the forth coming plan period. It was also planned to introduce a Yoga Certificate course programme with two credits and 45 hours in the academic year 2023-24. For the next academic year it was also planned to introduce a Certificate course in Gender Based issues, Self Defence Programme (Karate), Legal Awareness matters and Spoken English for each year of the plan period. It was also planned to collect the feedback on the Curricula from all the stakeholders in online mode from the academic year 2023-24. The college also planned to introduce market oriented courses atleastone every year which are suited for local needs besides closing the courses with nil or mere admissions.

Teaching and learning evaluation:

The Institution admits students largely from the marginalized communities, mostly first-generation graduates from the neighbouring villages. For the newly admitted students Induction Programme was made mandatory in the starting two weeks of their first Semester form the Academic Year 2023-24. During this programme two evaluation tests are planned to conduct at the end of each week one in Offline mode and the other one in Online mode. Basing on this result, the slow learners are identified. From the starting of the Academic year it was planned to concentrate more on the slow learners and reduce the students number for appearing the supplementary examinations. It was planned to reduce this number to zero by the end of Academic year 2027-28.

Students of the IT and Computer Science are made mandatory to develop at least one app by a group of five students during the Academic year 2023-24 and this group number is reduced gradually with a motto that each student has to design an App in the Academic year 2027-28. This will support the college in fetching internal resources and some of these apps can be used for providing better services to student community.

It is planned to make 40% of the Academic content delivery through ICT enabled platforms mandatory by all the faculty in the Academic year 2023-24 and thereby increasing 10% each academic year with a motto of 80% of content delivery through ICT mode in the Academic Year 2027-28.

It is also planned to make mandatory of conducting one of the mid Semester examination in Online mode from the Academic Year 2023-24. It was also planned to obtain Question papers for one semester during the Academic year 2023-24 in Online mode and also planned to obtain biometric Attendance during the examination sessions of One Semester for the next

academic year. It was also planned to digitalize conduct all the examination works by the Academic year 2027-28.

Student Progression:

The College encourages the eligible students to avail themselves of government scholarships. From the Academic year 2023-24, it was planned to conduct an Orientation Programme to all the newly admitted students belonging to SC, ST, BC, EBC, Physically Challenged and Minority sections to apply for FRESH Registrations in the Jnanabhumi portal. As the college serves the needs of marginalised sections, so most of the students belongs to economically weaker sections. At present around 75% of the students are obtaining the scholarships from the State Government. Besides this the students are lacks awareness on the Scholarships offered by other Governmental agencies and corporate sections. The college tries to tap these scholarships also in the forth coming years with a moto of obtaining a Scholarship of any type to all the students. Besides this it was also planned to approach the Philanthropists and Non-Government Agencies for offering Meritorious scholarships and Endowment Prizes from the Academic Year 2023-24..

The college plans to conduct atleast two Job dirves in the Academic year 2023-24. These job drives number may be increased in the next academic years with a moto of providing employment to each and every passed out student of Academic year 2027-28.

Research and Development:

The Research Cell of the college has to strictly implement the Research policy which was approved in the Second Governing Body meeting held on 25.03.2023. In the Academic Year 2023--24 the Research Cell has to establish a Research lab of any department by utilising the Seed money. The Research Cell has to meet atleast five times in the first Academic Year and organize two National Seminars/ Workshops of any disciplines in that Academic Year. This number has to increased in the forthcoming years with a moto of orgainsing National Seminar by all departments in the academic year 2027-28. It was also planned to provide incentives to the Faculty who have been having publications in the well reputed journals in the Academic year 2023-24. It was also planned to obtain at least one Ph.D for the faculty so that the number of doctrates increases it reaches the two digits in the Academic Year 2027-28 .

It was also planned to establish an Incubation center in the college in the Academic year 2023-24 and was also planned to have atleast one startup in that Academic year. The incubation center was monitored by the Research Cell in such a way that the startups may be reach two digit number in the Academic year 2027-28.

Community Service Project and Internships :

At present the college is taking up the Community Service Projects in the home places of the students. From this Academic year it was planned to have atleast one adopted village for each section of the UG programme and the CSP was to be carried out in that respective village. Besides this CSP work, it was also planned to conduct awareness campaigns, health camps, etc. in the adopted villages. The adopted villages number has to be increased year so that all the surrounding villages of the college will become the adopted villages.

At present all the students are doing internships in the surrounding small scale industries of tuni and all are non-paid intenrships. In the academic year 2023-24 it was planned to have atleast 20% of the students have paid Internships. It was also planned to have around 50% if paid internships in the academic year 2027-28 by approaching the various Medium and large scale industries across the state.

Infrastructural Facilities:

At present our institute has five ICT enabled class rooms. For the next academic year i.e. 2023-24 it is planned to establish two more ICT enabled classrooms. In this way the institution was planned to convert all the existing classrooms into ICT enabled classrooms by 2027-28 with wifi connectivity for the entire college campus. In the next academic year i.e. 2023-24 it is planned to establish a media centre in the campus. By the end of Academic year 2027-28 it was planned to establish a four Lecture Capturing Systems for four Streams (B.A, B,.Com., B.Sc., and B.Voc.).

At present there are 30 desktop systems which are of old generations. During the Academic year it was planned to purchase 30 Desktops of updated version. It was planned to purchase additional systems every year and by the end of 2027-28 it was planned to establish three Computer Laboratories with each of 60 Systems and with 20 systems it was planned to establish a simulation centre. It was also planned to establish a LAN connectivity for all these systems.

The college is also planned to establish Botany Laboratory in the Academic Year 2023-24, establishment of zoology laboratory in 2024-25, Renovation of Physics Laboratories in 2025-26 & 2026-27 and Renovation of Chemistry laboratory in 2027-28. It was also planned that by the end of 2027-28 all these Laboratories are fully equipped. The college Library was partially automized and by the end of this academic year it was planned to have full automation in the Library. The college has a subscription for a little number of journals and it was planned to pay subscription amount of 4 National and 1 International Journals. It was also planned to increase this number to 15 National and 7 International Journals by the end of academic year 2027-28.

By 2027-28 our institution is planning to construct an open auditorium for conduction of all college events with one Cultural Fest every year. In the Academic year 2023-24 it was planned to lay Volley Ball Court, Kabbadi Court and 2024-25 it was planned to lay football court, Athletics tracks. In the consecutive years it was also planned to have Kho-Kho Courts, Additional Volley Ball, Kabbadi courts and in the Academic year 2027-28 it was also planned to construct an indoor stadium.

Governance,Leadership and Management:

For the Academic year it was planned to make 20% of Office Automation and thereby increasing this gradually in the consecutive academic years. By 2027-28 it has planned to have fully automized office with 100% paperless work keeping in view of the environment safeguarding.

At present the examination section is partially digitalized and by 2027-28 we are trying to digitalize the entire examination section. It was also planned to conduct the paper setting and evaluation through online mode by the end of Academic year 2027-28.

The college is having a mere number of supporting staff even though the students number is more. It was planned to increase the Supporting Staff Services gradually in the next five years so that by 2027-28 there will be adequate Supporting Staff. At present the college is having only one Life Science Programme running with one sanctioned post for Botany Department. It was planned to request the Higher officials of our department in the Academic year 2023-24 to have a sanctioned post in the Zoology Department. It was also planned to increase the sanctioned posts number to 2 in both the departments by the end of 2027-28. It was also planned to have all the sanctioned faculty posts filled with the Regular Staff by requesting the higher officials of our department i.e. Commissionerate of Collegiate Education, A.P., Mangalgi, Guntur District.

In 2023-24 year the college is encouraging the faculty so that it can grab atleast one State Best Teacher award and by 2027-28 it has a target to grab atleast Three State Best Teacher Awards by 2027-28.

In 2023-24 it was planned to organize a ICT enabled workshop for non teaching staff and this number is gradually increased with a motto of organizing 7 ICT enabled workshops or orientation programmes for non teaching staff of Collegiate Education Department. At present we are organizing One online workshop on Intellectual Property Rights & Patent Rights every year from 2021-22 and it was planned to follow the same custom every year with a motto of organizing atleast 7 Programmes by the end of 2027-28.

It was planned to organize Faculty Development Programmes every year with atleast one each academic year from 2023-24 with a motto of having total 7 programmes by the end of 2027-28.

Best Practices:

From 2023-24 it was planned to organized 3 Gender Based Sensitization Programmes with a motto of having total 15 such type of Programmes by the end of 2027-28. It was also planned to introduce a course on women studies for empowering all the girl students.

By 2027-28 it was planned to have a complete CCTV Surveillance and replace the existing lightening facility with LED illumination within two academic years i.e. by 2023-24 & 2024-25 as a measure for power saving.

At present the college owns a Solar Power Generation System of 10KW which is connected to the GRID Circuit. By the end of 2027-28 it was planned to expand the existing Solar Power Plant form 10KW to 25 KW so that much more revenue can be generated for the college.

By 2023-24 it was planned to establish one vermin compost unit as a part of Solid Waste Management. It was also planned to establish mushroom cultivation unit by 2024-25. As a part of Water conservation, it was planned to establish rain water harvesting unit. The college owns, One RO Plant of 1000 litres capacity and it was not adequate for the existing students strength. In this connection it was planned to establish another RO Plant of 1500 litres capacity. . In the coming two years it was planned to establish Botanical garden and a Solar Green house in the campus. The college also planned to establish a divyangan friendly washroom by the end 2025-26. By the 2027-28 it was to establish pedestrian friendly based pathways, divyangan user friendly software and Divyangan easy accessibility website.

