

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: 0

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

2022-23	2021-22	2020-21	2019-20	2018-19
00	00	00	00	00

File Description

Document

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The institution has made a special effort to create an innovative ecosystem to create and transfer knowledge. The institute has enough classes aimed at ICT-based education. Computers and the Internet are available to students at the institute. Wi-Fi facilities are also available for students to access more knowledge via internet. Our library got subscribed to online resources to support faculty research and development activities as well as teaching and learning activities. E-books and repository systems are available through the library. The institute encourages faculty involvement in research projects that contribute to the collaborative development of knowledge.

We have a Career guidance cell (CGC) to educate our students for their future careers. The competitive exam center acts as a student assistance system to support and help students. At the time of Covid-19 we have conducted national online quizzes, online webinars. Institute has a research committee which helps in preparing proposals for research projects. It provides the support to organize conferences, seminars and workshops and also encourages faculties to publish research articles in various national and international journals. For the development of ecosystem we introduced a project like Vermicompost in

our campus. From the department of life science we created a QR Code to the plants. From the guidelines of head office we are following facial recognition app for marking students and staff attendance.

As a part of innovative eco system college life sciences departments organized Field trip in education refers to educational excursions that take students outside the class room to explore real-world environments. Whether it's a visit to a museum, a natural reserve, an industry, or a historical site, field trips offer hands-on experiences that complement and enhance classroom learning. It's a method where theoretical knowledge meets practical application, fostering a deeper understanding and appreciation of subjects.

In our institution we arranged QR code system. This paper proposes a system that uses QR codes as tag for tagging the plants that can be scanned by tourists to get further information of the plants. Through this system the visitors only need to use their mobile devices to scan on the plant tag to get its information on their devices.

In our institution we encourage students to participate Field trips. From these trips they are vital components of a comprehensive educational strategy. They bridge the gap between theoretical knowledge and its real-world application.

In our institution we are making varmicampost preparation, vermicompost can enhance soil fertility physically, chemically and biologically. Physically, vermicompost-treated soil has better aeration, porosity, bulk density and water retention. In our institution, we arranged Smart water management system for plants growth and water consume. Smart water management systems can provide a more resilient and efficient water supply system, reducing costs and improving sustainability.

In our institution we established incubation center. this incubation center aims to help the students of the college to build business by providing with management training.

File Description	Document
Upload Additional information	View Document
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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: 4

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

2022-23	2021-22	2020-21	2019-20	2018-19
01	02	00	01	00

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: 0.06

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

2022-23	2021-22	2020-21	2019-20	2018-19
01	01	01	01	00

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Link to re-directing to journal source-cite website in case of digital journals	View Document
Links to the papers published in journals listed in UGC CARE list or	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	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: 0.05

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

2022-23	2021-22	2020-21	2019-20	2018-19
00	02	01	00	00

File Description	Document
List of chapter/book along with the links redirecting to the source website	View Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

TTWRDC (G), Kothagudem, Telangana strongly believes in the service of neighborhood society and is proactive in sensitizing students towards social issues and holistic developments. These activities have been creating awareness regarding social awareness to creating young students with socially responsible citizens. The institution has conducted many programs to sensitize the students towards society welfare

The college has the distinction of organizing Extension activities in the Neighborhood community and sensitizing students as well as community on various social issues during the Last five years intuition conducted many extension activities through NSS,NCC,WEC,ICC, GRC and COMMUNITY OUTREACH CLUB.

EXTENTION ACTIVITIES THROUGH DIFFERENT WINGS:

The college has one NSS unit that is constituted with many student members and it functions with the motto "Not Me But You". The NSS unit initiates extension activities with a special focus on social issues confronting the villages. As many as 100 Programmers were organized altogether by the College NSS.

The college NSS unit and COMMUNITY OUTREACH CLUB in association with other departments regularly conducts Swachh Bharath programmer on the college premises and in the nearby villages. The Government of Telangana introduced a plantation program, "Telangana ku Haritha Haaram" where the students are actively involved in plant sapling and conservation. And our volunteers participated Voter Awareness, Literacy Campaign, Election Polls, and Temple Services, Rallies for Social Consciousness like that AIDS, Haritha Haaram Plantation, Teacher's Day, Birth and Death Anniversaries of Celebrities of India and of the World, Integration.

From our NSS UNIT with the help of KAKATIYA UNIVERSITY we conducted summer special camp at PUSUKUNTA village. we choose this village because this is very interior village and also GOVERNER TAMILASAI SOUNDARYA RAJAN adapted village. In this camp NSS volunteers actively participated in Medical camp, Plantation Swachh Bharath at village, conducted literacy survey at village and In that time Governor madam visited and appreciated our NSS volunteers.

TTWREIS Gurukulam providing Downtrodden students were given opportunity to take up NCC UNIT through 11 TELANGANA Bn under FSFS in 2021-2022. NCC sub unit to our TTWRDC (G) KOTHAGUDEM was sanctioned on 08.09.2021 with 56 strength our institution COY NO.:FSFS-04/PL-11.

The college NCC unit in association with other departments regularly conducts Every year Cadets Enrollment, NCC day, Army day, Puneet Sager, Martyrs day, Kargill war, Flag day and our cadets also participated regularly conduct AIDS awareness rallies to create awareness among the college surrounding villages.

Our Cadet D.Triveni Selected EKBHARATH SHRESHTA BHARAT SPECIAL NATIONAL INTIGRATION CAMP on 15th AUGUST 2022 INDIPENDENCE DAY CELEBRATIONS at NEW DELHI as a part of this camp she participated International cultural Youth Exchange programme. she got one more great opportunity to participate different type of countries cadets.

In our institution we established Women Empowerment Cell. and From this cell we conducted various activities and arranges Guest Lectures to accelerate the academic enhancement, leadership development and cultural enrichment in the lives of young women. College Grievances Redresser cell deals with all types of grievances, complaints and malpractices including those received from Students.

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Provide Link for Additional information	View Document

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

TTWRDC (G), Kothagudem college is a reputed institute that has been recognized for its efforts in community service and outreach through extension activities. The institute has implemented various programmes such as Volunteer works, Community Development Projects, and outreach initiative that address social issues. The efforts have been acknowledged through awards and reorganizations from government agencies, non- profit organizations and community groups. These recognitions are a testimony to the institute commitment for making a positive impact on the community and its dedication to social responsibility.

Additionally, the institute organizes various activities to tackle major social issues such as plantation clean and green programme, environment protection and human health. Special efforts have been taken to human values and social awareness among students through activities like Covid-19, safety, vaccination, awareness, AIDS awareness, Single use Plastic ban. For this service we received so many appreciations.

For this service we received

- In the year 2018 received Best Principal award from District Collector Sri Rajath Kumar Shaini, I.A.S., Bhadradi Kothagudem District.
- In the year 2022 received Best Principal award from Sri Gowtham Potru, I.A.S., PO., ITDA, Bhadrachalam.
- In the year 2023 on the occasion of Teachers day out of five best teachers (Degree Lecturers), our college received two best teachers awards from the TTWREIS (Gurukulam). Hyderabad.
- In the year 2019, October 31st from our college T. Anusha, IIIrd B.Com got state level super student award from TTWREIS (Gurukulam), Hyderabad also she presented a live lecture in T-SAT channel.
- In the year 2023 from our college two students selected as master students and they presented a live lecture in T-SAT channel.
- From our college Principal Smt B.Rajeswari garu, Smt P.Anuradha, DL in Political Science selected National award of excellence from Global Management Council.

From our NSS UNIT with the help of KAKATIYA UNIVERSITY we conducted summer special camp at PUSUKUNTA village, Bhadradi Kothagudem District. We choose this village because this is very interior village and also GOVERNER TAMILASAI SOUNDARYA RAJAN adapted village. In this camp NSS volunteers actively participated in Medical camp, Plantation Swachh Bharath at village, conducted literacy survey at village and in that time Governor madam visited and appreciated our NSS

volunteers. Our Cadet D. Triveni, Selected **EKBHARATH SHRESHTA BHARAT SPECIAL NATIONAL INTIGRATION CAMP on 15th AUGUEST 2022 INDIPENDENCE DAY CELEBRATIONS at NEW DELHI** as a part of this camp she participated International cultural Youth Exchange programme. She got one more great opportunity to participate in the cultural program consisting of different type of countries cadets.

Under the 11 Telangana Bn Every year our cadets participated Training camps Like Annual Training Camp Conducted by the Battalion, CATC Camps Conducted by the Group Head Quarters Secundrabad and From our college cadets participated in National camps, in those camps cadets received medals from different types of events. Our students participated National, state level and inter University sports and games and also they received so many medals and overall championships.

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 organized forums including NSS/NCC with involvement of community during the last five years.

Response: 64

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

2022-23	2021-22	2020-21	2019-20	2018-19
26	19	15	01	03

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	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: 68

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	View Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document