YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution　　　　　　　　　　**UNIVERSITY COLLEGE OF SCIENCE**

- Name of the Head of the institution　　　**Shet Prakash M**

- Designation　　　**Principal (Incharge)**

- Does the institution function from its own campus?　　　**Yes**

- Phone no./Alternate phone no.　　　**08162260220**

- Mobile no　　　**9448803947**

- Registered e-mail　　　**principalucst@gmail.com**

- Alternate e-mail　　　**shirsatpm@gmail.com**

- Address　　　**B. H. Road, Tumakuru**

- City/Town　　　**Tumakuru**

- State/UT　　　**Karnataka**

- Pin Code　　　**572103**

2.Institutional status

- Affiliated /Constituent　　　**Constituent College**

- Type of Institution　　　**Co-education**

- Location　　　**Urban**

- Financial Status　　　**UGC 2f and 12(B)**

- Name of the Affiliating University   **Tumkur University**

- Name of the IQAC Coordinator   **Dr. Aruna kumar D. B.**

- Phone No.   **08162260220**

- Alternate phone No.   **7899361918**

- Mobile   **7899361918**

- IQAC e-mail address   **iqacucs@gmail.com**

- Alternate Email address   **nirmaldb@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)   http://ucst.ac.in/tucstadm/uploads/39_AQAR_2022-23_1730114917.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://ucst.ac.in/calendar_of_events.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	**B+**	**2.66**	**2019**	**08/02/2019**	**07/02/2024**
Cycle 2	**A**	**3.14**	**2012**	**15/09/2012**	**14/09/2017**
Cycle 1	**B**	**NA**	**2003**	**21/03/2003**	**20/03/2008**

6.Date of Establishment of IQAC   **07/06/2004**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Chemistry	**SERB**	**DST**	**2023 three year**	**35 lakhs**
Department of Chemistry	**Students project**	**KSCST**	**2023 one year**	**0.07 lakh**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC

9.No. of IQAC meetings held during the year   **1**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   **Yes**

- If yes, mention the amount   **6 Lakhs**

11.Significant contributions made by IQAC during the current year (maximum five bullets)

1. Conducted the Bridge Course for I year students. Constant encouragement to faculties led to their participation in 21 different knowledge up-gradation programs. 2. Constant encouragement to faculties to conduct research has resulted in publishing 44 research papers, 35 book chapters, 3 teachers recognized as research guides (making total 32 recognized research guides), 21 scholars registered for Ph.D. degree under our faculties, 2 MOUs and 19 collaborations related to academic and research. 3. Four workshops were organized with respect to research methodology and research ethics. 4. New course on BCA data science was implemented during the year 2023-24 5. Utilization of first phase grants of Rs. 1 Crore under RUSA scheme for construction of new building. The building was inaugurated during the year 2023-24.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Encourage students and teachers to enhance knowledge and skills	Conducted Bridge Course for I year students and encourage faculties to attend and participate in different faculty development programmes. As a result, faculties have participated in the 21 different knowledge up gradation programmes.
Promote research culture among teachers and students	IQAC has given strong stress on enhancing the research activities in the college through writing research proposals, attending conferences, publishing papers and guiding Ph.D. Students. As a result, the number of recognized research guides enhanced from 29 to 32, while 44 research papers and 35 book chapters have been published. Also faculties and research scholars have participated and presented papers in several national and international; conferences. 21 research scholars were newly enrolled for Ph.D.
Promote academic and research activities through collaborations	The institution was able to collaborate with various institutes/industries for carrying out academic and research activities. All together 2 MOUs and 19 research collaborations were executed. Four workshops were organized with respect to research methodology and research ethics.
Endorse the extension activities among teachers and students to promote morality, ethics, values and develop leadership qualities	IQAC has given importance for participation of teachers and students in various extension activities. This has resulted in organizing and participating in

	53 extension activities by 1807 students. 20 capacity building programmes benefitting 2231 students were organized.
Improvement of infrastructural facilities for quality teaching learning to accommodate increased intake and new courses	IQAC has given emphasis to enhance infrastructural facilities owing to increase in student intake and implementation of new courses. The institute was able to utilize RUSA grant of Rs. 1 crore during the year and the new building was inaugurated. The college has utilized an amount of Rs. 41.3 lakhs towards infrastructure upgradation.

13.Whether the AQAR was placed before statutory body?

No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• If yes, mention the amount	6 Lakhs	

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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	31/03/2025

15.Multidisciplinary / interdisciplinary

The Institution promotes multidisciplinary/interdisciplinary learning through various platforms. Students of UG and PG programmes have to compulsorily take one paper out of their course (open elective paper). Generally, they are encouraged to take papers from other faculties (for instance a science student is encouraged to take an open elective paper offered by arts or literature faculties etc). These courses will develop the required skills, temperament, character building among the

students necessary for their job and higher education perspective. Compulsory papers in UG programmes such as Indian Constitution, computer fundamentals, environmental studies are included in each semester to promote ethics, IT skill, and environmental awareness among the students. Interested students are given additional coaching for various entrance/competitive examinations such as JAM, KPSC, NET & GATE etc. In the current academic year the institution offered more than 50 open elective courses in 48 different programmes.

16.Academic bank of credits (ABC):

Tumkur University and our college promote student registration and participation to various UGC recognized MOOCs/NPTEL online courses. A University level committee verifies the list of courses offered by MOOCs/NPTEL platforms and notifies a list of courses which excludes that already offered by the University or taken by the students and thereby encouraging them to take additional credits. The additional credit earned by the student will be counted while awarding of degree by the University.

17.Skill development:

In order to promote skills relevant to a particular subject of study, our college offers 20 skill enhancement courses among the various courses offered by University's NEP curriculum depending upon the relevance/need of the particular skills and facilities available in the college. Some of the courses offered (to all the first year NEP undergraduate students) includes courses digital fluency, Health and wellness, yoga, financial awareness, environmental studies, mass media and communication, artificial intelligence, communication skills, English for corporate jobs, disaster management, Psychology at work, Indian Public finance, entrepreneurial skills and many more from various departments such as Chemistry, Mathematics, Microbiology, Biotechnology, Physics, Zoology, Electronics, Computer Science, Women studies etc. The emphasis was on creating new courses to provide our students with the greatest education possible, as the institution is already well equipped to offer some skill-enhancing courses like yoga environmental studies, and sports. The faculty held talks and submitted ideas to the university so that the necessary action could be taken. Apart from imparting skills via regular curriculum, 20 skill/capacity building programmes were organized in the academic year benefiting 2231 students.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Though the mode of curricullum delivery and examination is in English language only, we in our college, deliver the curricullum in blended mode using both English and Kannada. Also, while teaching, emphasis is given by all the teachers to give local culture/instances/examples as analogy while explaining the concepts. As students are very much familiar with these local culture, issues and instances, this makes them to understand difficult concepts very easily. Apart from English language paper, students are encouraged to opt other local/Indian language papers such as Kannada, Hindi, Sanskrit, Urdu andTelugu. The board of studies of the University of which most of our teachers are members emphasize inclusion of Indian (especially local) culture and heritage into the syllabus.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Our institution maintains a commitment to clarity in academic objectives. The program and course outcomes are not only clearly stated but also prominently displayed on our official website, ensuring easy accessibility for all stakeholders. The (OBE) programs are highly targeted and take into account local, national, and international needs. Tumkur University designed the OBE, which includes explicitly specified course, program, and specific outcomes, and has been implemented by the college. The cognitive skills of memorizing, understanding, applying, analyzing, evaluating, and innovation are the main ingredients of OBE.

20.Distance education/online education:

Our Institution does not offer any education in distance mode. However, students are encouraged to register in various MOOCs courses to acquire additional credits. Teachers take additional/special classes through various online platforms such as Zoom, Google meet etc

Extended Profile

1.Programme

1.1   **299**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1955**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

2.2   **598**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	<u>View File</u>

2.3   **597**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<u>View File</u>

3.Academic

3.1   **123**

Number of full time teachers during the year

File Description	Documents
Data Template	<u>View File</u>

3.2   **123**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**299**

File Description	Documents
Data Template	<u>View File</u>

2.Student

2.1 Number of students during the year	**1955**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**598**

File Description	Documents
Data Template	<u>View File</u>

2.3 Number of outgoing/ final year students during the year	**597**

File Description	Documents
Data Template	<u>View File</u>

3.Academic

3.1 Number of full time teachers during the year	**123**

File Description	Documents
Data Template	<u>View File</u>

3.2 Number of sanctioned posts during the year	**123**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**30**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**41.3**
4.3 Total number of computers on campus for academic purposes	**178**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

University college of Science , Presently, offering NEP academic session. Several committees are involved in the process of support the NEP implementation same.The college implemented National Education policy by as approved the state of Karnataka from the academic year 2021-2022. The University has modified the curriculum and a new scheme is put place with effect from the Academic Year same year.The institution has a network of dedicated committees and clubs, guided by the conveners and teacher coordinators the committees plan to organise programs which aid curriculum enrichment.The Institution has a proper workload distribution mechanism through which curriculum teaching is divided amongst teachers prior to the commencement of the semester.The college conducts orientation programs for students in order to guide them about the available Library and Computer labs resources and instruct them about the mechanism of different programs. College students and faculties are strictlyadhere to the syllabus, assessment methods for soomth

conduct of the curriculum.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://ucst.ac.in/course-syllabus.php

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The college adheres to the academic calendar, Subsequent to the issue of semester wise academic calendar of events by Tumkur University and based on the information thereof, the college prepares a detailed academic calendar of events to all the programs run by the college. This document notifies the dates of all activities related to the curricular and assessment processes viz. dates of tests , duration of practical examinations and instructions for the conduct of continuous internal assessment (CIE). The college calender of events will be brought to the students' notice at the begining of each semester. The CIE includes administring written tests, quizzes, seminars, group discussion and assignments. The events and time table committee of the college oversees the implementation of calendar of events. It also makes suitable modifications in case of unseen circumstances. The evalution process is overseen by the HODs committee where new measures to improve accuracy and transparency in the evaluation and result processes are framed. The students are given provision to represent their grievances to the HODs which will be followed up through a transparent redressal mechanism.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://ucst.ac.in/calendar_of_events.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic

B. Any 3 of the above

**council/BoS of Affiliating University
Setting of question papers for UG/PG
programs Design and Development of
Curriculum for Add on/ certificate/
Diploma Courses Assessment /evaluation
process of the affiliating University**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

48

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Cross-cutting topics pertaining to gender, human values, the environment, and sustainability are incorporated into college curricula. In fact, the college must adhere to the syllabus determined by the university. However, college is constituent College of Tumkur University, makes every effort to address the aforementioned problems . Most of the faculties were discharged their duties to inculcate above mentioned context into the curricula as a member/chairman/Coordinator of various bodies like BOE, BOS and BOAE committees.

Human values and Professional ethics initiatives are promoted through carrier counseling and Placement Cell, NSS, NCC unit, YRC , guest lectures from various departments. The institution builds ethical behavior and thought process through national /international festivals celebrations. Awareness about infection disease , AIDS awareness programs, Voter's awareness program, Blood donation camps etc were conducted.

Gender sensitivity among students happens through curriculum and various initiatives from women empowerment cell, women studies center and Equal Opportunity Cell under the UG and PG programs.

Physical health and wellness: Under NEP-2020 curriculum, Physical health and wellness maintains among students is compulsorily followed , by enrolling them in sports and yoga value based courses.

Environment & Sustainability - Issues are discussed in courses offered under different programs. N.S.S. promotes environmental protection programs. Various activities were organized to create

awareness about nature, biodiversity, environment and sustainability programs, botanical field visits in concern with environmental awareness and animal habitat studies were done by several departments.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View File](#)

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

5

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	[View File](#)

1.3.3 - Number of students undertaking project work/field work/ internships

212

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni   `D. Any 1 of the above`

File Description	Documents
URL for stakeholder feedback report	http://ucst.ac.in/tucstadm/uploads/1287_Feedback_2023-24_1729933542.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows   `D. Feedback collected`

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://ucst.ac.in/tucstadm/uploads/1287_Feedback_2023-24_1729933542.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

`812`

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC,

Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

801

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Our institution is dedicated to fostering an inclusive and supportive learning environment. We systematically assess students' learning levels and organize tailored programs to support both advanced learners and slow learners, ensuring that each student receives the necessary resources and opportunities to excel. At the beginning of the academic year, diagnostic tests and analysis of past academic records help gauge prior knowledge and learning abilities.Periodic tests, quizzes, and assignments monitor ongoing performance, while teachers observe class participation and provide continuous feedback.Offering honors programs and advanced courses that challenge high-achieving students.Encouraging participation in research projects and industry internships. Organising workshops and seminars to deepen knowledge in specific areas.Pairing with faculty mentors and providing scholarships to recognize and motivate.Providing additional coaching classes and one-on-one tutoring sessions.Distributing study guides and utilizing e-learning platforms.Offering services to develop effective study strategies and time management.Implementing peer tutoring programs for collaborative learning.Regular assessments and feedback ensure continuous progress. Feedback from students, faculty, and parents help evaluate and improve these programs, ensuring each student achieves their full potential, enhancing academic performance and holistic development.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1955	**123**

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Our institution prioritizes student-centric methods to create an engaging and dynamic learning environment. By integrating experiential learning, participative learning, and problem-solving methodologies, we ensure that students actively participate in their educational journey, fostering critical thinking and practical skills. Students gain real-world experience through internships and practical training sessions, bridging the gap between theory and practice. Example: Engineering students participate in industry internships to apply their technical skills. Hands-on laboratory experiments and field studies provide practical insights and enhance understanding. Example: Biology students conduct field research to observe ecosystems firsthand. Students undertake projects that require applying their knowledge to solve real-world problems. Example: Business students develop marketing plans for local enterprises. Students engage in collaborative discussions and debates, promoting critical thinking and diverse perspectives. Example: Political science students debate current events to develop analytical skills. Team-based projects foster teamwork and leadership skills. Example: Architecture students collaborate to design sustainable buildings.Interactive workshops and seminars encourage active participation and knowledge sharing. Example: Computer science students attend coding workshops to solve programming challenges together. case studies and participating in simulations develop problem-solving

and decision-making skills.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	**Nil**

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Our institution is committed to integrating Information and Communication Technology (ICT) into the teaching-learning process to enhance educational experiences. Teachers extensively utilize ICT-enabled tools to create engaging, interactive, and efficient learning environments.Equipped with projectors, smart boards, and audio-visual aids, our classrooms facilitate multimedia presentations, making complex concepts easier to understand.Platforms like Moodle and Google Classroom are used to distribute course materials, conduct quizzes, and facilitate discussions. These systems allow for seamless communication between teachers and students, fostering a collaborative learning environment. Teachers incorporate digital textbooks, online databases, and educational software into their curriculum. These resources provide students with up-to-date information and diverse learning materials. For subjects requiring practical application, virtual labs and simulations are utilised to provide hands-on experience in a controlled, virtual environment. This is particularly beneficial for science and engineering courses. Platforms like Kahoot and Google Forms are used for quizzes and assessments, allowing for immediate feedback and personalized learning paths.Teachers also leverage webinars and online courses to enhance their own professional development and bring the latest knowledge into the classroom.Through these ICT-enabled tools, our institution ensures a dynamic and effective teaching-learning process that meets the evolving educational needs of the 21st century

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File]()

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

115

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

123

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

47

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	[View File](#)

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

928

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Our institution's internal assessment mechanism is designed to be transparent, robust, and fair, ensuring the accurate evaluation of student performance.Assessment criteria and guidelines are communicated to students at the beginning of each course through syllabi and orientation sessions. This includes details on weightage, marking schemes, and timelines.Regular updates on assessment schedules and results are provided through the Learning Management System (LMS) and notice boards. Students have access to their marks and feedback for each assessment, promoting transparency.Internal assessments are conducted regularly, including quizzes, assignments, mid-term exams, practicals, and projects. This continuous evaluation helps in tracking student progress effectively.Various assessment modes are employed to cater to different learning styles and abilities. These include written exams, online tests, presentations, group discussions, and lab work.Constructive feedback is given promptly, enabling students to understand their strengths and areas for improvement. This feedback loop

ensures continuous learning and development. By maintaining a transparent and robust internal assessment mechanism, our institution ensures fair evaluation and continuous improvement in student learning outcomes. This approach not only enhances academic performance but also builds trust and accountability in the assessment process.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Our institution has established a transparent, time-bound, and efficient mechanism to address internal examination-related grievances. This system ensures fairness, accountability, and prompt resolution of student concerns.Grievance redressal procedures are clearly communicated to students through the student handbook, institutional website, and orientation programs. Information about the grievance process, including timelines and contact details, is made readily available.All grievances and their resolutions are documented meticulously. Students can track the status of their grievances through an online portal, ensuring transparency in the process.The institution has established specific timelines for each stage of the grievance redressal process. Initial acknowledgment of the grievance is provided within 48 hours, and a resolution is typically reached within 10 working days.If a grievance is not resolved within the stipulated time, it is automatically escalated to higher authorities for expedited resolution.A dedicated committee, comprising faculty members, administrative staff, and student representatives, is responsible for addressing examination-related grievances. This committee meets regularly to review and resolve issues.An online portal allows students to submit grievances easily and track the progress of their cases. This system streamlines the process and ensures timely updates and resolutions.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Our institution ensures that Programme Outcomes (POs) and Course Outcomes (COs) for all programmes are clearly stated and effectively communicated to foster transparency and alignment with educational goals.POs and COs are meticulously crafted by academic committees, aligning with industry standards and educational objectives. These outcomes are documented in course syllabi, program handbooks, and institutional records.POs and COs are prominently displayed on our institution's official website, under the academics section. This ensures easy access for prospective students, current students, faculty, and stakeholders. Regular updates are made to reflect any changes or improvements in the outcomes, ensuring the information remains current and accurate. At the beginning of each academic year, orientation sessions are conducted to familiarize students and faculty with the POs and COs.Detailed course outlines, including POs and COs, are provided to students at the start of each course.Regular faculty meetings are held to discuss and review the outcomes, ensuring consistent communication and understanding among teachers. By clearly stating, displaying, and communicating POs and COs, our institution ensures that all stakeholders are aligned with our educational objectives, fostering a coherent and effective learning environment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://ucst.ac.in/uploads/2020/01/complete-merged-file.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Our institution's internal assessment mechanism is designed to be transparent, robust, and fair, ensuring the accurate evaluation of student performance.Assessment criteria and guidelines are communicated to students at the beginning of each

course through syllabi and orientation sessions. This includes details on weightage, marking schemes, and timelines.Regular updates on assessment schedules and results are provided through the Learning Management System (LMS) and notice boards. Students have access to their marks and feedback for each assessment, promoting transparency.Internal assessments are conducted regularly, including quizzes, assignments, mid-term exams, practicals, and projects. This continuous evaluation helps in tracking student progress effectively.Various assessment modes are employed to cater to different learning styles and abilities. These include written exams, online tests, presentations, group discussions, and lab work.Constructive feedback is given promptly, enabling students to understand their strengths and areas for improvement. This feedback loop ensures continuous learning and development. By maintaining a transparent and robust internal assessment mechanism, our institution ensures fair evaluation and continuous improvement in student learning outcomes. This approach not only enhances academic performance but also builds trust and accountability in the assessment process.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

597

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

http://ucst.ac.in/tucstadm/uploads/1298_Student_Satisfaction_Survey_2023-24_1730192867.pdf

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 year (INR in Lakhs)

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

35.51

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

03

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	[Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 ; https://serb.gov.in](#)

3.2 - Innovation Ecosystem

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

Our Institution is in frontline in creation of ecosystem for innovations, creations and transfer of knowledge. In the current year we have been conducted the seminar on Entrepreneurship and job opportunities, lecture on "Career and Job Opportunities for Bachelor Students" A special lecture on "Research Ethics, Plagiarism" to PhD Students" and International conference On Advances In Applied Mathematics (ICAAM-2024). Students were actively participated in the field visits and industry visits conducted by Botany and Biotechnology departments.

There are MOUs with many academic and research institutes which provide opportunity for our faculties and students to take part in joint research activities. Our faculty members collaborated with many research institutes and do joint research publications. Projects like VGST; funded student projects and DST-SERB projects provide a good platform to tackle society's needs through scientific innovations. University administration support the faculties to write project proposals to various funding agencies and publish research papers. Publication in ISBN book chapters/conference papers and research publications in peer reviewed and UGC care list journals is a routine in our institution. There are 32 research guides altogether with 21 students took provisional registration under various guides.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	www.ucst.ac.in

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

`04`

File Description	Documents
Report of the event	[View File](#)
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

`21`

File Description	Documents
URL to the research page on HEI website	https://ucst.ac.in/research.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	[View File](#)
Any additional information	[View File](#)

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

44

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

35

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

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 year

The chief extension programs of the college include the college NSS, NCC, Youth Red Cross units, Red ribbon club and department level activities. Through NSS, NSS and RRC many extension activities have been conducted during the current academic year. Through RRC Blood Donation Camp, Eye Checkup Camp and Anaemia Check up Camp were conducted which was benefitted to the students and faculty members and people of the society. NSS camp was conducted at Bidarekatte, Tumkur University new campus and many activities were taken place during the camp including plant sapling. Other activities through NSS were the Awareness Programme on Corruption, PLOGTHON, Matadana Jagruti and participation in Tumkur Nagara 15th Kannada Sahithya Sammelana. Similarly through NCC many cadets participated in extension activities including participation in regular NCC camps. Through college departments, industrial trip and student extension activities were taken place. Al together more than 53 various extension activities were conducted during the year. Thus, the

college has a vibrant ecosystem for extensionactivities.

File Description	Documents
Paste link for additional information	www.ucst.ac.in
Upload any additional information	**No File Uploaded**

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	[View File](#)
e-copy of the award letters	**No File Uploaded**

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 organized in collaboration with industry, community and NGOs) during the year

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., during the year

53

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	[View File](#)

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1807

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

19

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

2

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

University College of Science has adequate infrastructure and physical facilities for teaching-learning. The college has well maintained spacious classrooms, ICT class rooms and laboratories. Ten class rooms are ICT enabled with projector and Wi-Fi facilities. The facility in terms of infrastructure is sufficient to meet the needs of students and staff. We have sufficient number of classrooms with ICT facility and two seminar halls with ICT facilities. The institution has well equipped computer laboratories and learning labs to conduct practical's and demonstrations which enhances the practical knowledge. In addition to this we have one open and one general auditorium which provides space for various academic and extracurricular activities. All the laboratories are user friendly and well equipped with necessary and advanced instruments. There are Conversation Spaces to inculcate healthy conversations. There are sufficient number of computers, photocopiers, printers in the administrative office, library and various departments for the usage of students and staff. High speed Internet, Wi-Fi facility is provided for both students and staff within the college. The institution has provided RO water filter facility for both students as well as staff of the college. Our library has reading room for students and reference room for teachers. Library has a collection of 51,133 books and access to the N-List consortia where user can access 6000+ E-journals and 31,35,000+ E-books in various genres. Library is fully automated with e-lib i-Next LMS which provides Web-OPAC facility for users.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The college is committed for offering resourceful infrastructure for holistic growth of students. So, the institution has developed adequate and sufficient facilities for cultural activities, sports, games, gymnasium and yoga. There are spaces provided for students to practice cultural events. The college has an air-conditioned Auditorium with a seating capacity of 350 persons. The auditorium has an excellent sound system, speakers and amplifiers system. In our institution, cultural committee organizes various inter-class and inter-college activities using classrooms, Seminar halls and Auditorium. For theatre-based events, Open Air Auditorium (Sree Sree Sree Shivakumaramahaswamiji Hall) and quadrangles are utilized. There are separate rooms for indoor activities like chess, weight and power lifting and table-tennis andhas facilities for hand &throw ball in the quadrangle. The college has a huge playground where events like the annual sports, inter-college cricket, football match, track events, athletics and all other kinds of outdoor sports activities are organized. The institute has also a basketball and Volley ball courts for the students. The gym and yoga have been practiced in the college with different batches for boys and girls. The college has functional NCC Unit, NSS unit,Youth Red Cross wing and scouts and Guides unit are provided with separate rooms to manage all the activities. For physical well-being of students and staff there is a Health Centre in the University campus to take care of their health issues.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://ucst.ac.in/uploads/2024/oct/Time%20Table%202023-24.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

2.7 Lakhs

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Library is located in the College premises for the easy access and is rendering quality services. The library has adopted an open access approach to promote the use of information resources.

Library has a collection of over 51,133 which includes Books, Reference Books, CD's & DVD's, Back volumes, Magazines, Project reports and other reading Materials. Library subscribes periodicals in the various fields of Science and Technology.

Library has special sections like "IAS Corner" and "Language

corner"

Library have access toe-resources through program entitled N-LIST by INFLIBNET. http://nlist.inflibnet.ac.in/index.php

Library in-house activities and services are fully automated with the use of e-Lib i-Next an Integrated Library Management Software, barcode technology is used for automated circulation and RFID implementation is under process.

- **Name of the ILMS software : e-Lib i-Next Library Management Software**
- **Nature of automation (fully or partially) : fully automated**
- **Version: Web version 22.04.30**

Staff and students can access the Web-OPAC from the Library websitehttps://libraryucst.in/Quicksearch.aspxand search for the required books.

Old question papers can be accessed through Library Websitehttps://drive.google.com/drive/folders/19fV9RRqs8fx0Y2HDJyl-s99y_qguharZ

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://libraryucst.in/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

43,774.00

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

200

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college has been constantly making efforts to updates its IT facilities including Wi-Fi. Institute has a total of 178computers and all the computers are with the latest configuration. All the computers are supported LAN and a high user capacity Wi-fi system. In general, computing and internet facilities are available to all teachers and students as whole the campus is on Wi-Fi connectivity. The computer labs and other departmental labs are upgraded with the latest software and hardware along with printing and scanning facilities.

The University Science College library has been fully automated. Since 2016 e-lib i-Next (Web version -22.04.30) Library Management Software has been installed with the goal of making the library fully automated and separate Library website is

launched for providing Web-OPAC services to faculty and students. The Institution is also upgraded with UPS and generator backup facilities. Most of the administrative works are done in online like question paper, marks entry, registration etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

178

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	<u>View File</u>

4.3.3 - Bandwidth of internet connection in the Institution **A. ? 50MBPS**

File Description	Documents
Upload any additional Information	<u>View File</u>
Details of available bandwidth of internet connection in the Institution	<u>View File</u>

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

41.3 Lakhs

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	[View File]()
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File]()

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The College has well-defined policies for maintaining and utilizing academic and support facilities. The general maintenance and upkeep of these facilities are the responsibility of the institution. Support staffs are appointed to assist in general maintenance; in addition, housekeeping tasks are outsourced by the Tumkur University. The Office Superintendent is over-all in charge of monitoring infrastructure maintenance. Regular maintenance of computer laboratories and systems are carried on by the concerned Departments. The services of the Engineer of the Tumkur University are also available for consultation and guidance. Computer systems available in the laboratories and the Resource Centre in the library are fully utilized. The library is fully utilized and is open from 9.00am to 6.00 pm to facilitate the maximum number of users. Stock verification is done annually with the help of faculty. There is a substantial annual budget for adding books to the library collection and improving library facilities. General infrastructural facilities are maintained by college support staff. The services of Tumkur University Engineer, Electrical engineer, electricians, plumbers and gardeners are always available. All sports facilities, are maintained by the Physical Education Director along with college support staff. Further, responsibility of the above mentioned things are taken care by the Head of the Institution, all HoDs, and IQAC coordinator are responsible for ensuring the maintenance of all aspects of the institution in terms of approval of work, planning and overseeing.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

671

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

01

File Description	Documents
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<u>View File</u>

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	http://ucst.ac.in/tucstadm/uploads/1288_Report_of_Capacity_Building_and_Skill_1730022275.pdf
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

60

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

60

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

18

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

125

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

8

File Description	Documents
Upload supporting data for the same	<u>View File</u>
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

27

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at univ ersity/state/national/internation al level (During the year) (Data Template)	<u>View File</u>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students are given exposure to involve in administrative, co-curricular and extracurricular activities by including them as

members of the committees. They actively participate in committee meetings. The following is the list of committees that have student representation and engagement. 1. Sports Committee 2. Cultural Committee 3. Internal Quality Assurance Cell 4. Anti-Ragging Committee 5. Anti Sexual Harassment Committee 6. Grievance Redressal Committee 7. NSS 8. NCC

The student representatives actively participate in sports committees, cultural committees, magazine committees, etc. The college provides ample avenues for developing technical skills, updating knowledge, personality development, and service to society through various associations and societies. There is a student welfare officer to guide the students in the smooth and effective functioning of the college's activities.

File Description	Documents
Paste link for additional information	http://ucst.ac.in/tucstadm/uploads/1294_Committees_2023-24_1730115153.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

30

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the

development of the institution through financial and/or other support services

The Alumni Association is formed with the objective of sharing knowledge, experience, and opportunities among the alumni, faculty and students.

File Description	Documents
Paste link for additional information	http://ucst.ac.in/tucstadm/uploads/1289_Alumni_Report_2023-24_1730022390.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year **E. <1Lakhs** (INR in Lakhs)

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The governance of the institution is reflective in tune with the vision and mission of the institution.

Vision: To Achieve Academic Excellence in Higher Education and Research

Mission:

- **To inculcate and nurture young talents and evolve an effective mechanism for greater participation of all the stakeholders of the university college of science.**
- **To develop and operationalize a strategy to foster financial self-sufficiency and self -reliance**
- **To promote cordial working conditions, work ethics, work culture among the faculty and staff members there by promoting welfare of the students and society**
- **To introduce innovative curricular frame work aimed at knowledge, skill and aptitude-based, application oriented higher education and research.**

Goals:

- To disseminate advanced knowledge by providing institutional and research facilities in all the branch?s of learning
- To take appropriate measures for promoting innovative in teaching- learning process andInnerdisciplinary studies and research
- To educate and train manpower to acquire skills
- To establish linkages with industries for the promotion of science and technology
- To pay special attention to the improvement of social and economic conditions and welfare of the students, their intellectual, academic and cultural development.

File Description	Documents
Paste link for additional information	https://ucst.ac.in/iqac.php
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institution practices decentralization and participative management in carrying on with its day to day administration.

The college runs both Undergraduate and Postgraduate departments and Ph.D in Science Programmes. The College follows an admission process which is highly decentralized by involving the staff members from all streams.

Decentralization: This is a Government autonomous college under Tumkur University. The Principal is the head of the college. Tumkur University is the administrative body consists of Honourable Vice chancellor, Registrar, Registrar (Evaluation) to the policies, road map, development and functioning of institute. The action plan is formulated by the planning body which includes Principal, heads of the department and coordinators of various departments.The Principal provides suggestions, monitors the procurement, and welfare activities. The head of the institution is responsible for academic, co-curricular and administrative activities of the institution.

Participative Management: The College promotes a culture of

participative management. The responsibility of the institution for its progress rests on the faculty, Heads of the department, Administrative officials and non-teaching staff. Various committee members work as a team for the betterment of the institute. At each level, there is an active participation in planning and implementation.

File Description	Documents
Paste link for additional information	https://ucst.ac.in
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Infrastructure development, quality improvement in the teaching learning process, research promotion, SOPs and other issues are all addressed in the perspective plans. Following the previous period 2018-2024, taking into consideration the NAAC Peer Team's recommendations as well as the institute's vision, mission, objectives, core values and thrust areas at the local and national levels. The major item of the plan was the construction of a language laboratories as per the recommendations of NAAC peer team. Development or upgradation of various laboratories and provision of LED panels and ICT facilities to all the classrooms. Development of digital library, strengthening the career councelling centre activities and placement cell improvement also a top priority . Items like getting listed in NIRF , conducting more add-on / skill based courses, widening the base of extension activities, excelling in university exams as well as in research, sports and theatre activities , making provisions for rainwater harvesting, campus waste management system, solar power , ramps for the differently abled, etc. were the other important items of the perspective plan.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://ucst.ac.in/iqac.php
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Being a constituent College of Tumkur University, planning, financial allocations, policies and supervision are done in accordance with the rules, laws, and norms established by the Vice

Chancellor, Registrar, Registrar (Evaluation), Finance Officer and Syndicate of Tumkur University. The organizational structure of the institute has been functioning and deploying services as per statutes and rules and regulations of Tumkur University and by the directions of the State government. Under the leadership of the Vice Chancellor, officers execute and implement the plans envisioned by the University with approval from the statutory bodies and the Honourable Chancellor. The officers and staff are governed by the statutes and regulations of the University framed in consonance with the UGC regulations from time to time under the provisions of the Karnataka Universities Act 2000, assented by the Honourable Chancellor. In the absence of relevant statutes and regulations on any particular aspect, Karnataka Civil Service Rules (KCSR) are followed. The statutes related to service rules, procedures, recruitment, promotional policies, etc., the regulations governing the rules of implementation, the recruitment and promotional policies are as per UGC norms.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://ucst.ac.in/uploads/2024/oct/UCST_organogram.pdf
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination   A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	[View File](#)

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The Institution provides a very satisfactory environment to ensure and enhance the professional

Competence of teaching and non-teaching staff.

The following are the welfare schemes:

- **The teaching staff is entitled to avail 15 days of Casual Leave, 2 days of Restricted Holidays and 10 days of Earned Leave.**
- **Non-teaching staff is entitled to avail 15 days of Casual Leave, 2 days of Restricted Holidays, 30 days of Earned leave and 20 days of Commuted Leave.**
- **The College provides maternity leave of 180 days for lady staff and 15 days of paternity for men staff of teaching and non- teaching.**
- **Any staff of the College undergoing cancer treatment like Chemotherapy or Radiotherapy is entitled to avail Special Casual Leave.**
- **Study Leave for the purpose of obtaining Doctoral degree is granted to a teaching faculty once during his/her entire service, for a maximum period of 4 years. Study Leave for the purposes of Post – Doctoral study or research is provided by the University for any Teaching Faculty for a period not exceeding 3 years.**
- **Reimbursement of medical bills is provided for teaching and non-teaching staff by Tumkur University.**
- **For the physical wellbeing indoor and outdoor games available.**

File Description	Documents
Paste link for additional information	https://ucst.ac.in/index.php
Upload any additional information	**No File Uploaded**

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

21

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

To improve the academic and administrative standards of the College an effective performance appraisal system is executed in our College.

- **The College has the practice of evaluating the performance of teachers every year. All the teachers have to submit the duly filled proforma of the performance based appraisal at the end of the academic year provided by the University. This helps in evaluating the performance at the end of every academic year.**
- **Teachers are instructed by the College to record their day-to-day engagements. Teachers record this in the work diary provided by the College and the Principal monitors their activities and checks the work diary at the end of every month.**
- **Teachers are instructed to maintain a teaching plan to ensure the time bound implementation of the academic plans proposed for the academic year by the University and are monitored by the Principal.**
- **The Principal submits a confidential report about the teachers and non-teaching staff to the University on annual basis.**
- **Faculty evaluation by the students is held each year. A committee formed by the Principal takes the responsibility of collecting the feedback from the students and analyzing the same.**
- **The performance appraisal of the non-teaching staff is done.**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

University College of science is a constituent College of Tumkur University. The financial resources of the College constitute the following:

Funds from Tumkur University (Allocation in Annual Budget)

Funds by Government Agencies (UGC, RUSA, DST)

Funding by other Agencies (CSR Fund, Donations by

Philanthropists)

As a public Institution the College follows a systematic method which is fool proof and transparent, so that error is reduced to zero levels. Transactions relating to finance are dealt by a First Division Clerk (FDC) in the accounts section, which is verified by the superintendent in the College office, before the Principal verifies and signs such documents. With regard to finance, prevailing system in the College itself acts as an internal check.

However, in addition to the above, procedure with respect to the dealing in funds is as follows:

Even though the fund is provided in the annual budget, it is sanctioned only after a proper proposal is submitted to the University as per the required format by the College. Once the amount is sanctioned, the College follows any one of the standard procedures to utilize the sanctioned amount:On receipt of the sanction letter, the College may request for grant of advance from the Finance department. In case the advance is availed, final bills are settled immediately after the event/program.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The College Council meets regularly and prepares strategy for resource mobilization with the consent of the University. The committee evaluates the requirements of the departments and other forums for the allocation of funds. The College has a well-functioning mechanism for mobilization of funds and optimum utilization of resources. The University decides the fee structure for the programmes offered by the College. Suggestions of the committee are incorporated in planning the effective utilization of funds.

Optimal utilization of available resources:

The Management/PTA/Alumni Funds and other contributions are used to meet the developmental needs of the Institution. Financial Assistance by the Management includes financing for the construction of buildings and other infrastructure developments, scholarships for needy students etc. is ensured to cater to the needs of the stakeholders.

1. Institution Budget: Every year annual budget is prepared well in advance as per the needs and requirements of various departments. It is approved by the College Development Committee. It incorporates budgets of academic department, extension department, Library and sports. As per budget HoD proceed with the planned activities.

2. Purchase Committee: The committee considers requirements from all the departments, invites quotations, prepares comparative statements, negotiates with suppliers and then purchase order is executed. The purchase procedure is scrupulously monitored by the committee.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC plays a vital role in the enhancement and sustainability of quality in the educational services provided by the Institution. The major initiatives include

- Assistance in the planning of strategies for development
- Evaluation of curricular and co-curricular activities
- Ensuring stake holder participation
- Promote quality consciousness among stakeholders through sensitization activities like quality related talks and workshops.
- Introducing quality initiatives like accreditation and ranking, consultancy, collaboration, feedback analysis, internal promotion guidance, research quality enhancement etc.

Practice1: Research Potentiality of the College:

- College provides education to undergraduate, postgraduate and Ph.D students.
- The institute has well qualified and experienced teaching staff having guideship to guide Ph.D students. In this academic year 6 faculty members were recognized as Ph.D guides
- Currently many scholars pursuing their research.
- The research potentiality of the college showed in terms of publication of research papers in the national and international reputed journals.

Practice 2: Alumni-Institution linkage

The Alumni association responds very sensitively to the needs and development of the college.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Institution goes through evaluation of its academic standards and strives hard to uphold quality education. IQAC is instrumental in bringing an incremental improvement in various activities. IQAC has played a major role in bringing transformation in the preceding years with regard to quality and post accreditation quality initiatives.

Example1: Enhancement in Academic Atmosphere

- Teachers were encouraged to take up MOOC courses and this become resourceful.
- Student -centric learning was facilitated.
- The slow learners were identified and special classes were taken by respective subject teachers.
- The number of ICT based classrooms was enhanced to enable a techno oriented academic atmosphere.
- Faculty was encouraged to create digital content.
- To strengthen the English language proficiency, English language lab was set up.

Example2: Expansion of postgraduate studies

- Around 10 students cleared various competitive exams like NET/GATE and IIT-JAM examinations.
- There are currently three PG departments running in the college. Planning to expand new PG departments.
- M.Sc students were guided to undertake various competitive exams and research as their career.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ucst.ac.in/annual_reports.php
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

University College of Science, Tumkur thrives hard in equal participation of all irrespective of one's gender or gender orientation in all its endeavors.

Safety and Security

The campus is fully protected with compound walls and security is provided for 24 hours. It is mandatory for the students to wear ID cards in the campus. CCTV cameras installed throughout

the campus and monitored regularly with intervals. The Grievance/ Women empowerment cell takes care of various grievances and discipline for students. The college has taken precautionary measures by undertaking from the students at the time of admission. The discipline committee functions in the college to address the discipline issues. The college has sexual harassment prevention cell to monitor the issues.

1. Counseling Center

The student welfare officer counsel the needy students apart from mentoring sessions.

1. Common Rooms

The college has separate common ladies' rooms. Sufficient number of wash rooms available for the girl students.

Gender Issues in Curriculum

The University has framed a curriculum for gender socialization and awareness. These include Women's human rights, foundation for women studies, Women's health and wellness, Women's personality enhancement, Women and leadership, gender and disability, Gender and culture

File Description	Documents
Annual gender sensitization action plan	https://ucst.ac.in/
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://ucst.ac.in/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED

C. Any 2 of the above

bulbs/ power efficient equipment

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

`Solid waste management:`

`It is a critical aspect of maintaining a clean and environmentally responsible campus. Effective waste management not only ensures a healthier and more pleasant environment for students and staff . It was started in the year 2012 and is being followed till date as "Best Practice " of college.`

`Waste Segregation wastes are segregated into recyclables, non-recyclables, organic waste, and hazardous waste.`

`Recycling Initiatives: Recycling bins are placed across the campus.`

`Composting: All degradable solid waste generated in the college is collected and dumped into a dumping pit for decomposing. Decomposed organic manure is utilized for gardening as organic manure, nutrient-rich soil amendments for campus landscaping and gardening projects. Minimize the use of single-use plastics on campus.`

`3. Liquid waste management:`

`Less hazardous from different laboratories are thrown out under drainage. Biowastes are heat killed and buried under soil.`

`4. E-waste management`

`E-waste Management: Establish a system for the proper collection and disposal Minimization Practices E-Waste: can drop off their old or non-functional electronic devices. Categorized that can be repaired, reused and recycled. Functional devices can be donated to charitable organizations. Developed and enforced e-waste management policies within the college.`

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

E. None of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

D. Any 1 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institution believes in unity in diversity and the students respect the different religion, language and culture. Students feel that the college is their second home and all the faculty are like a family member. The students greet and wish each other at different festivals and invite them to have a feast to get introduced with one's culture to have amicable relations and to maintain the religious, social and communal harmony. The students also celebrate the festivals with joy and enthusiasm which help them to implant harmony. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of college annual gathering, the college gives permission to students to celebrate traditional day. The students wore the different attire representing the different states, religions and cultures.Through this activity students get acquainted with the different cultures and help to develop the tolerance and harmony. This creates the inclusive environment in the college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

At University College of Science,Tumkur we believe in giving holistic all-round education to the students. Sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which

sensitize the students about the constitutional obligations. The University has introduced a compulsory paper on the Constitution of India at UG degree level to create awareness and sensitizing the students towards constitutional obligation. Also, all the students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. Women cell/Women association of the college educate women about their rights through various programs. Seminars and workshops are conducted on related issues. Every year Republic Day and Independence Day are celebrated by organizing activities highlighting the importance of Indian Constitution and the struggle of freedom and sacrifices made.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://ucst.ac.in/course-syllabus.php
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates commemorative days, events and festivals through NCC, NSS and student's associations. The cultural activities are informal and are intended to sensitize the academic world to other dimensions of human experience and knowledge, with the hope that this would enrich the lives of students and make them aware of their social responsibilities and understand the implications of their actions. The Independence Day and Republic Day is celebrated at large scale. Birthday anniversary of Mahatma Gandhi, Dr. Babasaheb Ambedkar, Swami Vivekanand are celebrated in the campus. Teacher's Day is celebrated on occasion of birth anniversary of Dr. Sarvepalli Radhakrishnan, which is celebrated to show the honour and respect towards the teachers. Singing, Dancing, Drama, Musical Instrument Playing, Traditional Day, Rangoli, Project Exhibition, Extempore, Group Discussion, Debate etc. are the parts of cultural festival. Students are felicitated and awarded for their remarkable performance in cultural activities and events. The students are also motivated to participate in various intercollegiate and university level competitions.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: e Administration

- E administration is helping to maximise and fasten the administrative efficiency through easy mode of communications at all levels.
- College is making use of the technology for creation and preservation of the learning materials for future references, easy student admission process and support.
- To provide easy and student friendly services at learning places like library, offices and other centres.
- To monitor the student's attendance in google spread sheets, availability of e resources in all WhatsApp groups and YouTube links to assess the videos.

Best Practice 2: Creating Research Environment in the Institution or Promotion of Research activities.

- To inculcate research culture both institutional and individual are set a clear research goal
- To devote substantial resources on promotion of research through faculty training and support.
- To create an innovative ecosystem for the fellow's available research that includes the student participation.
- Drive to explore, understand, and follow one's own ideas, and to advance and contribute to society through innovation, discovery, and creative works.
- To improve the focus of the faculty on research activities progressively on par with teaching learning processes.
- To improve the publications and execution of sponsored projects is in an optimum away.

File Description	Documents
Best practices in the Institutional website	https://ucst.ac.in/tucstadm/uploads/1281_Best_Practices_1729769925.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Our institution is consistently enhancing its infrastructural facilities and human resources as it continues to progress toward the fulfilment of its mission. The major stakeholders of the institute are students of rural areas, who come from remote areas and are economically deprived of professional education due to their economic condition. Commitment to the cause of imparting education. . Successful in producing luminaries.Helping hand for the poor and needy. Convenient location, transparency, accountability and moderate fee structure.. The college is offering courses in B.Sc., of different combinations of science and.PG Courses in Chemistry, Physics, and Environmental Science. It has got a well-established library comprising a good number of books, journals, and e-resources, and is supports the staff and the students of the college. Strong network of old students, parents, and teachers,Youth Red Cross, NSS, and NCC work through value-based schemeseducation. Faculty members are dedicated, competent, and well qualified and also engage themself in various rsearches. It also supports all co-curricular and extension activities. Mentioning all the above relevance nstitution has grabbed as potential with excellence and distinctive from other institutions.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

University college of Science , Presently, offering NEP academic session. Several committees are involved in the process of support the NEP implementation same.The college implemented National Education policy by as approved the state of Karnataka from the academic year 2021-2022. The University has modified the curriculum and a new scheme is put place with effect from the Academic Year same year.The institution has a network of dedicated committees and clubs, guided by the conveners and teacher coordinators the committees plan to organise programs which aid curriculum enrichment.The Institution has a proper workload distribution mechanism through which curriculum teaching is divided amongst teachers prior to the commencement of the semester.The college conducts orientation programs for students in order to guide them about the available Library and Computer labs resources and instruct them about the mechanism of different programs. College students and faculties are strictlyadhere to the syllabus, assessment methods for soomth conduct of the curriculum.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://ucst.ac.in/course-syllabus.php

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The college adheres to the academic calendar, Subsequent to the issue of semester wise academic calendar of events by Tumkur University and based on the information thereof, the college prepares a detailed academic calendar of events to all the programs run by the college. This document notifies the dates of all activities related to the curricular and assessment processes viz. dates of tests , duration of practical examinations and instructions for the conduct of

continuous internal assessment (CIE). The college calender of events will be brought to the students' notice at the begining of each semester. The CIE includes administring written tests, quizzes, seminars, group discussion and assignments. The events and time table committee of the college oversees the implementation of calendar of events. It also makes suitable modifications in case of unseen circumstances. The evalution process is overseen by the HODs committee where new measures to improve accuracy and transparency in the evaluation and result processes are framed. The students are given provision to represent their grievances to the HODs which will be followed up through a transparent redressal mechanism.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ucst.ac.in/calendar_of_events.php

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

48

File Description	Documents
Any additional information	**No File Uploaded**
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	<u>View File</u>

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	<u>View File</u>

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender,

Human Values, Environment and Sustainability into the Curriculum

Cross-cutting topics pertaining to gender, human values, the environment, and sustainability are incorporated into college curricula. In fact, the college must adhere to the syllabus determined by the university. However, college is constituent College of Tumkur University, makes every effort to address the aforementioned problems . Most of the faculties were discharged their duties to inculcate above mentioned context into the curricula as a member/chairman/Coordinator of various bodies like BOE, BOS and BOAE committees.

Human values and Professional ethics initiatives are promoted through carrier counseling and Placement Cell, NSS, NCC unit, YRC , guest lectures from various departments. The institution builds ethical behavior and thought process through national /international festivals celebrations. Awareness about infection disease , AIDS awareness programs, Voter's awareness program, Blood donation camps etc were conducted.

Gender sensitivity among students happens through curriculum and various initiatives from women empowerment cell, women studies center and Equal Opportunity Cell under the UG and PG programs.

Physical health and wellness: Under NEP-2020 curriculum, Physical health and wellness maintains among students is compulsorily followed , by enrolling them in sports and yoga value based courses.

Environment & Sustainability – Issues are discussed in courses offered under different programs. N.S.S. promotes environmental protection programs. Various activities were organized to create awareness about nature, biodiversity, environment and sustainability programs, botanical field visits in concern with environmental awareness and animal habitat studies were done by several departments.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

5

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

212

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	D. Any 1 of the above

File Description	Documents
URL for stakeholder feedback report	http://ucst.ac.in/tucstadm/uploads/1287 _Feedback_2023-24_1729933542.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	D. Feedback collected

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://ucst.ac.in/tucstadm/uploads/1287 _Feedback_2023-24_1729933542.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

812

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST,

OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

801

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Our institution is dedicated to fostering an inclusive and supportive learning environment. We systematically assess students' learning levels and organize tailored programs to support both advanced learners and slow learners, ensuring that each student receives the necessary resources and opportunities to excel. At the beginning of the academic year, diagnostic tests and analysis of past academic records help gauge prior knowledge and learning abilities.Periodic tests, quizzes, and assignments monitor ongoing performance, while teachers observe class participation and provide continuous feedback.Offering honors programs and advanced courses that challenge high-achieving students.Encouraging participation in research projects and industry internships. Organising workshops and seminars to deepen knowledge in specific areas.Pairing with faculty mentors and providing scholarships to recognize and motivate.Providing additional coaching classes and one-on-one tutoring sessions.Distributing study guides and utilizing e-learning platforms.Offering services to develop effective study strategies and time management.Implementing peer tutoring programs for collaborative learning.Regular assessments and feedback ensure continuous progress. Feedback from students, faculty, and parents help evaluate and improve these programs, ensuring each student achieves their full potential, enhancing academic performance and holistic development.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1955	**123**

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Our institution prioritizes student-centric methods to create an engaging and dynamic learning environment. By integrating experiential learning, participative learning, and problem-solving methodologies, we ensure that students actively participate in their educational journey, fostering critical thinking and practical skills. Students gain real-world experience through internships and practical training sessions, bridging the gap between theory and practice. Example: Engineering students participate in industry internships to apply their technical skills. Hands-on laboratory experiments and field studies provide practical insights and enhance understanding. Example: Biology students conduct field research to observe ecosystems firsthand. Students undertake projects that require applying their knowledge to solve real-world problems. Example: Business students develop marketing plans for local enterprises. Students engage in collaborative discussions and debates, promoting critical thinking and diverse perspectives. Example: Political science students debate current events to develop analytical skills. Team-based projects foster teamwork and leadership skills. Example: Architecture students collaborate to design sustainable buildings.Interactive workshops and seminars encourage active participation and knowledge sharing. Example: Computer science students attend coding workshops to solve programming

challenges together. case studies and participating in simulations develop problem-solving and decision-making skills.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Our institution is committed to integrating Information and Communication Technology (ICT) into the teaching-learning process to enhance educational experiences. Teachers extensively utilize ICT-enabled tools to create engaging, interactive, and efficient learning environments.Equipped with projectors, smart boards, and audio-visual aids, our classrooms facilitate multimedia presentations, making complex concepts easier to understand.Platforms like Moodle and Google Classroom are used to distribute course materials, conduct quizzes, and facilitate discussions. These systems allow for seamless communication between teachers and students, fostering a collaborative learning environment. Teachers incorporate digital textbooks, online databases, and educational software into their curriculum. These resources provide students with up-to-date information and diverse learning materials. For subjects requiring practical application, virtual labs and simulations are utilised to provide hands-on experience in a controlled, virtual environment. This is particularly beneficial for science and engineering courses. Platforms like Kahoot and Google Forms are used for quizzes and assessments, allowing for immediate feedback and personalized learning paths.Teachers also leverage webinars and online courses to enhance their own professional development and bring the latest knowledge into the classroom.Through these ICT-enabled tools, our institution ensures a dynamic and effective teaching-learning process that meets the evolving educational needs of the 21st century

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

115

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

123

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

47

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

928

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Our institution's internal assessment mechanism is designed to be transparent, robust, and fair, ensuring the accurate evaluation of student performance.Assessment criteria and guidelines are communicated to students at the beginning of each course through syllabi and orientation sessions. This includes details on weightage, marking schemes, and timelines.Regular updates on assessment schedules and results are provided through the Learning Management System (LMS) and notice boards. Students have access to their marks and feedback for each assessment, promoting transparency.Internal assessments are conducted regularly, including quizzes, assignments, mid-term exams, practicals, and projects. This continuous evaluation helps in tracking student progress effectively.Various assessment modes are employed to cater to different learning styles and abilities. These include written exams, online tests, presentations, group

discussions, and lab work.Constructive feedback is given promptly, enabling students to understand their strengths and areas for improvement. This feedback loop ensures continuous learning and development. By maintaining a transparent and robust internal assessment mechanism, our institution ensures fair evaluation and continuous improvement in student learning outcomes. This approach not only enhances academic performance but also builds trust and accountability in the assessment process.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	**Nil**

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Our institution has established a transparent, time-bound, and efficient mechanism to address internal examination-related grievances. This system ensures fairness, accountability, and prompt resolution of student concerns.Grievance redressal procedures are clearly communicated to students through the student handbook, institutional website, and orientation programs. Information about the grievance process, including timelines and contact details, is made readily available.All grievances and their resolutions are documented meticulously. Students can track the status of their grievances through an online portal, ensuring transparency in the process.The institution has established specific timelines for each stage of the grievance redressal process. Initial acknowledgment of the grievance is provided within 48 hours, and a resolution is typically reached within 10 working days.If a grievance is not resolved within the stipulated time, it is automatically escalated to higher authorities for expedited resolution.A dedicated committee, comprising faculty members, administrative staff, and student representatives, is responsible for addressing examination-related grievances. This committee meets regularly to review and resolve issues.An online portal allows students to submit grievances easily and track the progress of their cases. This system streamlines the process and ensures timely updates and resolutions.

File Description	Documents
Any additional information	[View File]()
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Our institution ensures that Programme Outcomes (POs) and Course Outcomes (COs) for all programmes are clearly stated and effectively communicated to foster transparency and alignment with educational goals.POs and COs are meticulously crafted by academic committees, aligning with industry standards and educational objectives. These outcomes are documented in course syllabi, program handbooks, and institutional records.POs and COs are prominently displayed on our institution's official website, under the academics section. This ensures easy access for prospective students, current students, faculty, and stakeholders. Regular updates are made to reflect any changes or improvements in the outcomes, ensuring the information remains current and accurate. At the beginning of each academic year, orientation sessions are conducted to familiarize students and faculty with the POs and COs.Detailed course outlines, including POs and COs, are provided to students at the start of each course.Regular faculty meetings are held to discuss and review the outcomes, ensuring consistent communication and understanding among teachers. By clearly stating, displaying, and communicating POs and COs, our institution ensures that all stakeholders are aligned with our educational objectives, fostering a coherent and effective learning environment.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://ucst.ac.in/uploads/2020/01/complete-merged-file.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File]()

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Our institution's internal assessment mechanism is designed to be transparent, robust, and fair, ensuring the accurate evaluation of student performance.Assessment criteria and guidelines are communicated to students at the beginning of each course through syllabi and orientation sessions. This includes details on weightage, marking schemes, and timelines.Regular updates on assessment schedules and results are provided through the Learning Management System (LMS) and notice boards. Students have access to their marks and feedback for each assessment, promoting transparency.Internal assessments are conducted regularly, including quizzes, assignments, mid-term exams, practicals, and projects. This continuous evaluation helps in tracking student progress effectively.Various assessment modes are employed to cater to different learning styles and abilities. These include written exams, online tests, presentations, group discussions, and lab work.Constructive feedback is given promptly, enabling students to understand their strengths and areas for improvement. This feedback loop ensures continuous learning and development. By maintaining a transparent and robust internal assessment mechanism, our institution ensures fair evaluation and continuous improvement in student learning outcomes. This approach not only enhances academic performance but also builds trust and accountability in the assessment process.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

597

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

http://ucst.ac.in/tucstadm/uploads/1298_Student_Satisfaction_Survey_2023-24_1730192867.pdf

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 year (INR in Lakhs)

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

35.51

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

03

File Description	Documents
Any additional information	[View File]
Institutional data in prescribed format	[View File]

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	[View File]
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	[View File]
Paste link to funding agency website	[Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012 ; https://serb.gov.in]

3.2 - Innovation Ecosystem

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

Our Institution is in frontline in creation of ecosystem for innovations, creations and transfer of knowledge. In the current year we have been conducted the seminar on Entrepreneurship and job opportunities, lecture on "Career and Job Opportunities for Bachelor Students" A special lecture on "Research Ethics, Plagiarism" to PhD Students" and International conference On Advances In Applied Mathematics (ICAAM-2024). Students were actively participated in the field visits and industry visits conducted by Botany and Biotechnology departments.

There are MOUs with many academic and research institutes which provide opportunity for our faculties and students to take part in joint research activities. Our faculty members collaborated with many research institutes and do joint research publications. Projects like VGST; funded student projects and DST-SERB projects provide a good platform to tackle society's needs through scientific innovations. University administration support the faculties to write project proposals to various funding agencies and publish research papers. Publication in ISBN book chapters/conference papers and research publications in peer reviewed and UGC care list journals is a routine in our institution. There are 32 research guides altogether with 21 students took provisional registration under various guides.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	www.ucst.ac.in

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

04

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

21

File Description	Documents
URL to the research page on HEI website	https://ucst.ac.in/research.php
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

44

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

35

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

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 year

The chief extension programs of the college include the

college NSS, NCC, Youth Red Cross units, Red ribbon club and department level activities. Through NSS, NSS and RRC many extension activities have been conducted during the current academic year. Through RRC Blood Donation Camp, Eye Checkup Camp and Anaemia Check up Camp were conducted which was benefitted to the students and faculty members and people of the society. NSS camp was conducted at Bidarekatte, Tumkur University new campus and many activities were taken place during the camp including plant sapling. Other activities through NSS were the Awareness Programme on Corruption, PLOGTHON, Matadana Jagruti and participation in Tumkur Nagara 15th Kannada Sahithya Sammelana. Similarly through NCC many cadets participated in extension activities including participation in regular NCC camps. Through college departments, industrial trip and student extension activities were taken place. Al together more than 53 various extension activities were conducted during the year. Thus, the college has a vibrant ecosystem for extensionactivities.

File Description	Documents
Paste link for additional information	www.ucst.ac.in
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

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 organized in collaboration with industry, community and NGOs) during the year

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., during the year

53

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	[View File](#)

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1807

File Description	Documents
Report of the event	[View File](#)
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	[View File](#)

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

19

File Description	Documents
e-copies of related Document	[View File](#)
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	[View File](#)

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

2

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

University College of Science has adequate infrastructure and physical facilities for teaching-learning. The college has well maintained spacious classrooms, ICT class rooms and laboratories. Ten class rooms are ICT enabled with projector and Wi-Fi facilities. The facility in terms of infrastructure is sufficient to meet the needs of students and staff. We have sufficient number of classrooms with ICT facility and two seminar halls with ICT facilities. The institution has well equipped computer laboratories and learning labs to conduct practical's and demonstrations which enhances the

practical knowledge. In addition to this we have one open and one general auditorium which provides space for various academic and extracurricular activities. All the laboratories are user friendly and well equipped with necessary and advanced instruments. There are Conversation Spaces to inculcate healthy conversations. There are sufficient number of computers, photocopiers, printers in the administrative office, library and various departments for the usage of students and staff. High speed Internet, Wi-Fi facility is provided for both students and staff within the college. The institution has provided RO water filter facility for both students as well as staff of the college. Our library has reading room for students and reference room for teachers. Library has a collection of 51,133 books and access to the N-List consortia where user can access 6000+ E-journals and 31,35,000+ E-books in various genres. Library is fully automated with e-lib i-Next LMS which provides Web-OPAC facility for users.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The college is committed for offering resourceful infrastructure for holistic growth of students. So, the institution has developed adequate and sufficient facilities for cultural activities, sports, games, gymnasium and yoga. There are spaces provided for students to practice cultural events. The college has an air-conditioned Auditorium with a seating capacity of 350 persons. The auditorium has an excellent sound system, speakers and amplifiers system. In our institution, cultural committee organizes various inter-class and inter-college activities using classrooms, Seminar halls and Auditorium. For theatre-based events, Open Air Auditorium (Sree Sree Sree Shivakumaramahaswamiji Hall) and quadrangles are utilized. There are separate rooms for indoor activities like chess, weight and power lifting and table-tennis andhas facilities for hand &throw ball in the quadrangle. The college has a huge playground where events like the annual sports, inter-college cricket, football

match, track events, athletics and all other kinds of outdoor sports activities are organized. The institute has also a basketball and Volley ball courts for the students. The gym and yoga have been practiced in the college with different batches for boys and girls. The college has functional NCC Unit, NSS unit, Youth Red Cross wing and scouts and Guides unit are provided with separate rooms to manage all the activities. For physical well-being of students and staff there is a Health Centre in the University campus to take care of their health issues.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

12

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://ucst.ac.in/uploads/2024/oct/Time%20Table%202023-24.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

2.7 Lakhs

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Library is located in the College premises for the easy access and is rendering quality services. The library has adopted an open access approach to promote the use of information resources.

Library has a collection of over 51,133 which includes Books, Reference Books, CD's & DVD's, Back volumes, Magazines, Project reports and other reading Materials. Library subscribes periodicals in the various fields of Science and Technology.

Library has special sections like "IAS Corner" and "Language corner"

Library have access toe-resources through program entitled N-LIST by INFLIBNET. http://nlist.inflibnet.ac.in/index.php

Library in-house activities and services are fully automated with the use of e-Lib i-Next an Integrated Library Management Software, barcode technology is used for automated circulation and RFID implementation is under process.

- **Name of the ILMS software : e-Lib i-Next Library Management Software**
- **Nature of automation (fully or partially) : fully automated**
- **Version: Web version 22.04.30**

Staff and students can access the Web-OPAC from the Library websitehttps://libraryucst.in/Quicksearch.aspxand search for the required books.

Old question papers can be accessed through Library Websiteht
tps://drive.google.com/drive/folders/19fV9RRqs8fx0Y2HDJyl-
s99y_qguharZ

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://libraryucst.in/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

43,774.00

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

200

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college has been constantly making efforts to updates its IT facilities including Wi-Fi. Institute has a total of 178computers and all the computers are with the latest configuration. All the computers are supported LAN and a high user capacity Wi-fi system. In general, computing and internet facilities are available to all teachers and students as whole the campus is on Wi-Fi connectivity. The computer labs and other departmental labs are upgraded with the latest software and hardware along with printing and scanning facilities.

The University Science College library has been fully automated. Since 2016 e-lib i-Next (Web version -22.04.30) Library Management Software has been installed with the goal of making the library fully automated and separate Library website is launched for providing Web-OPAC services to faculty and students. The Institution is also upgraded with UPS and generator backup facilities. Most of the administrative works are done in online like question paper, marks entry, registration etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

178

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

41.3 Lakhs

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The College has well-defined policies for maintaining and utilizing academic and support facilities. The general maintenance and upkeep of these facilities are the responsibility of the institution. Support staffs are

appointed to assist in general maintenance; in addition, housekeeping tasks are outsourced by the Tumkur University. The Office Superintendent is over-all in charge of monitoring infrastructure maintenance. Regular maintenance of computer laboratories and systems are carried on by the concerned Departments. The services of the Engineer of the Tumkur University are also available for consultation and guidance. Computer systems available in the laboratories and the Resource Centre in the library are fully utilized. The library is fully utilized and is open from 9.00am to 6.00 pm to facilitate the maximum number of users. Stock verification is done annually with the help of faculty. There is a substantial annual budget for adding books to the library collection and improving library facilities. General infrastructural facilities are maintained by college support staff. The services of Tumkur University Engineer, Electrical engineer, electricians, plumbers and gardeners are always available. All sports facilities, are maintained by the Physical Education Director along with college support staff. Further, responsibility of the above mentioned things are taken care by the Head of the Institution, all HoDs, and IQAC coordinator are responsible for ensuring the maintenance of all aspects of the institution in terms of approval of work, planning and overseeing.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

671

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

01

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to Institutional website	http://ucst.ac.in/tucstadm/uploads/1288_Report_of_Capacity_Building_and_Skill_1730022275.pdf
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

60

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

60

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

18

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

125

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/

Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

8

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

27

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students are given exposure to involve in administrative, co-

curricular and extracurricular activities by including them as members of the committees. They actively participate in committee meetings. The following is the list of committees that have student representation and engagement. 1. Sports Committee 2. Cultural Committee 3. Internal Quality Assurance Cell 4. Anti-Ragging Committee 5. Anti Sexual Harassment Committee 6. Grievance Redressal Committee 7. NSS 8. NCC

The student representatives actively participate in sports committees, cultural committees, magazine committees, etc. The college provides ample avenues for developing technical skills, updating knowledge, personality development, and service to society through various associations and societies. There is a student welfare officer to guide the students in the smooth and effective functioning of the college's activities.

File Description	Documents
Paste link for additional information	http://ucst.ac.in/tucstadm/uploads/1294_Committees_2023-24_1730115153.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

30

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The Alumni Association is formed with the objective of sharing knowledge, experience, and opportunities among the alumni, faculty and students.

File Description	Documents
Paste link for additional information	http://ucst.ac.in/tucstadm/uploads/1289_Alumni_Report_2023-24_1730022390.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

File Description	Documents
Upload any additional information	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The governance of the institution is reflective in tune with the vision and mission of the institution.

Vision: To Achieve Academic Excellence in Higher Education and Research

Mission:

- **To inculcate and nurture young talents and evolve an effective mechanism for greater participation of all the stakeholders of the university college of science.**
- **To develop and operationalize a strategy to foster financial self-sufficiency and self -reliance**
- **To promote cordial working conditions, work ethics, work culture among the faculty and staff members there by promoting welfare of the students and society**
- **To introduce innovative curricular frame work aimed at knowledge, skill and aptitude-based, application**

oriented higher education and research.

Goals:

- To disseminate advanced knowledge by providing institutional and research facilities in all the branch?s of learning
- To take appropriate measures for promoting innovative in teaching- learning process andInnerdisciplinary studies and research
- To educate and train manpower to acquire skills
- To establish linkages with industries for the promotion of science and technology
- To pay special attention to the improvement of social and economic conditions and welfare of the students, their intellectual, academic and cultural development.

File Description	Documents
Paste link for additional information	https://ucst.ac.in/iqac.php
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institution practices decentralization and participative management in carrying on with its day to day administration.

The college runs both Undergraduate and Postgraduate departments and Ph.D in Science Programmes. The College follows an admission process which is highly decentralized by involving the staff members from all streams.

Decentralization: This is a Government autonomous college under Tumkur University. The Principal is the head of the college. Tumkur University is the administrative body consists of Honourable Vice chancellor, Registrar, Registrar (Evaluation) to the policies, road map, development and functioning of institute. The action plan is formulated by the planning body which includes Principal, heads of the department and coordinators of various departments.The Principal provides suggestions, monitors the procurement, and welfare activities. The head of the institution is responsible for academic, co-curricular and administrative

activities of the institution.

Participative Management: The College promotes a culture of participative management. The responsibility of the institution for its progress rests on the faculty, Heads of the department, Administrative officials and non-teaching staff. Various committee members work as a team for the betterment of the institute. At each level, there is an active participation in planning and implementation.

File Description	Documents
Paste link for additional information	https://ucst.ac.in
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Infrastructure development, quality improvement in the teaching learning process, research promotion, SOPs and other issues are all addressed in the perspective plans. Following the previous period 2018-2024, taking into consideration the NAAC Peer Team's recommendations as well as the institute's vision, mission, objectives, core values and thrust areas at the local and national levels. The major item of the plan was the construction of a language laboratories as per the recommendations of NAAC peer team. Development or upgradation of various laboratories and provision of LED panels and ICT facilities to all the classrooms. Development of digital library, strengthening the career councelling centre activities and placement cell improvement also a top priority . Items like getting listed in NIRF , conducting more add-on / skill based courses, widening the base of extension activities, excelling in university exams as well as in research, sports and theatre activities , making provisions for rainwater harvesting, campus waste management system, solar power , ramps for the differently abled, etc. were the other important items of the perspective plan.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://ucst.ac.in/iqac.php
Upload any additional information	**No File Uploaded**

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Being a constituent College of Tumkur University, planning, financial allocations, policies and supervision are done in accordance with the rules, laws, and norms established by the Vice

Chancellor, Registrar, Registrar (Evaluation), Finance Officer and Syndicate of Tumkur University. The organizational structure of the institute has been functioning and deploying services as per statutes and rules and regulations of Tumkur University and by the directions of the State government. Under the leadership of the Vice Chancellor, officers execute and implement the plans envisioned by the University with approval from the statutory bodies and the Honourable Chancellor. The officers and staff are governed by the statutes and regulations of the University framed in consonance with the UGC regulations from time to time under the provisions of the Karnataka Universities Act 2000, assented by the Honourable Chancellor. In the absence of relevant statutes and regulations on any particular aspect, Karnataka Civil Service Rules (KCSR) are followed. The statutes related to service rules, procedures, recruitment, promotional policies, etc., the regulations governing the rules of implementation, the recruitment and promotional policies are as per UGC norms.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://ucst.ac.in/uploads/2024/oct/UCST_organogram.pdf
Upload any additional information	**No File Uploaded**

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination — **A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The Institution provides a very satisfactory environment to ensure and enhance the professional

Competence of teaching and non-teaching staff.

The following are the welfare schemes:

- **The teaching staff is entitled to avail 15 days of Casual Leave, 2 days of Restricted Holidays and 10 days of Earned Leave.**
- **Non-teaching staff is entitled to avail 15 days of Casual Leave, 2 days of Restricted Holidays, 30 days of Earned leave and 20 days of Commuted Leave.**
- **The College provides maternity leave of 180 days for**

- **lady staff and 15 days of paternity for men staff of teaching and non- teaching.**
- **Any staff of the College undergoing cancer treatment like Chemotherapy or Radiotherapy is entitled to avail Special Casual Leave.**
- **Study Leave for the purpose of obtaining Doctoral degree is granted to a teaching faculty once during his/her entire service, for a maximum period of 4 years. Study Leave for the purposes of Post – Doctoral study or research is provided by the University for any Teaching Faculty for a period not exceeding 3 years.**
- **Reimbursement of medical bills is provided for teaching and non-teaching staff by Tumkur University.**
- **For the physical wellbeing indoor and outdoor games available.**

File Description	Documents
Paste link for additional information	https://ucst.ac.in/index.php
Upload any additional information	**No File Uploaded**

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View File](#)

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

21

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

To improve the academic and administrative standards of the

College an effective performance appraisal system is executed in our College.

- The College has the practice of evaluating the performance of teachers every year. All the teachers have to submit the duly filled proforma of the performance based appraisal at the end of the academic year provided by the University. This helps in evaluating the performance at the end of every academic year.
- Teachers are instructed by the College to record their day-to-day engagements. Teachers record this in the work diary provided by the College and the Principal monitors their activities and checks the work diary at the end of every month.
- Teachers are instructed to maintain a teaching plan to ensure the time bound implementation of the academic plans proposed for the academic year by the University and are monitored by the Principal.
- The Principal submits a confidential report about the teachers and non-teaching staff to the University on annual basis.
- Faculty evaluation by the students is held each year. A committee formed by the Principal takes the responsibility of collecting the feedback from the students and analyzing the same.
- The performance appraisal of the non-teaching staff is done.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

University College of science is a constituent College of Tumkur University. The financial resources of the College constitute the following:

Funds from Tumkur University (Allocation in Annual Budget)

Funds by Government Agencies (UGC, RUSA, DST)

Funding by other Agencies (CSR Fund, Donations by Philanthropists)

As a public Institution the College follows a systematic method which is fool proof and transparent, so that error is reduced to zero levels. Transactions relating to finance are dealt by a First Division Clerk (FDC) in the accounts section, which is verified by the superintendent in the College office, before the Principal verifies and signs such documents. With regard to finance, prevailing system in the College itself acts as an internal check.

However, in addition to the above, procedure with respect to the dealing in funds is as follows:

Even though the fund is provided in the annual budget, it is sanctioned only after a proper proposal is submitted to the University as per the required format by the College. Once the amount is sanctioned, the College follows any one of the standard procedures to utilize the sanctioned amount:On receipt of the sanction letter, the College may request for grant of advance from the Finance department. In case the advance is availed, final bills are settled immediately after the event/program.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The College Council meets regularly and prepares strategy for resource mobilization with the consent of the University. The committee evaluates the requirements of the departments and other forums for the allocation of funds. The College has a well-functioning mechanism for mobilization of funds and optimum utilization of resources. The University decides the fee structure for the programmes offered by the College. Suggestions of the committee are incorporated in planning the effective utilization of funds.

Optimal utilization of available resources:

The Management/PTA/Alumni Funds and other contributions are used to meet the developmental needs of the Institution. Financial Assistance by the Management includes financing for the construction of buildings and other infrastructure developments, scholarships for needy students etc. is ensured to cater to the needs of the stakeholders.

1. Institution Budget: Every year annual budget is prepared well in advance as per the needs and requirements of various departments. It is approved by the College Development Committee. It incorporates budgets of academic department, extension department, Library and sports. As per budget HoD proceed with the planned activities.

2. Purchase Committee: The committee considers requirements from all the departments, invites quotations, prepares comparative statements, negotiates with suppliers and then purchase order is executed. The purchase procedure is scrupulously monitored by the committee.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC plays a vital role in the enhancement and sustainability of quality in the educational services provided by the Institution. The major initiatives include

- Assistance in the planning of strategies for development
- Evaluation of curricular and co-curricular activities
- Ensuring stake holder participation
- Promote quality consciousness among stakeholders through sensitization activities like quality related talks and workshops.
- Introducing quality initiatives like accreditation and ranking, consultancy, collaboration, feedback analysis, internal promotion guidance, research quality enhancement etc.

Practice1: Research Potentiality of the College:

- College provides education to undergraduate, postgraduate and Ph.D students.
- The institute has well qualified and experienced teaching staff having guideship to guide Ph.D students. In this academic year 6 faculty members were recognized as Ph.D guides
- Currently many scholars pursuing their research.
- The research potentiality of the college showed in terms of publication of research papers in the national and international reputed journals.

Practice 2: Alumni-Institution linkage

The Alumni association responds very sensitively to the needs and development of the college.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Institution goes through evaluation of its academic standards and strives hard to uphold quality education. IQAC is instrumental in bringing an incremental improvement in various activities. IQAC has played a major role in bringing transformation in the preceding years with regard to quality and post accreditation quality initiatives.

Example1: Enhancement in Academic Atmosphere

- Teachers were encouraged to take up MOOC courses and this become resourceful.
- Student -centric learning was facilitated.
- The slow learners were identified and special classes were taken by respective subject teachers.
- The number of ICT based classrooms was enhanced to enable a techno oriented academic atmosphere.
- Faculty was encouraged to create digital content.
- To strengthen the English language proficiency, English language lab was set up.

Example2: Expansion of postgraduate studies

- Around 10 students cleared various competitive exams like NET/GATE and IIT-JAM examinations.
- There are currently three PG departments running in the college. Planning to expand new PG departments.
- M.Sc students were guided to undertake various competitive exams and research as their career.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://ucst.ac.in/annual_reports.php
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

University College of Science, Tumkur thrives hard in equal participation of all irrespective of one's gender or gender orientation in all its endeavors.

Safety and Security

The campus is fully protected with compound walls and security is provided for 24 hours. It is mandatory for the

students to wear ID cards in the campus. CCTV cameras installed throughout the campus and monitored regularly with intervals. The Grievance/ Women empowerment cell takes care of various grievances and discipline for students. The college has taken precautionary measures by undertaking from the students at the time of admission. The discipline committee functions in the college to address the discipline issues. The college has sexual harassment prevention cell to monitor the issues.

1. Counseling Center

The student welfare officer counsel the needy students apart from mentoring sessions.

1. Common Rooms

The college has separate common ladies' rooms. Sufficient number of wash rooms available for the girl students.

Gender Issues in Curriculum

The University has framed a curriculum for gender socialization and awareness. These include Women's human rights, foundation for women studies, Women's health and wellness, Women's personality enhancement, Women and leadership, gender and disability, Gender and culture

File Description	Documents
Annual gender sensitization action plan	https://ucst.ac.in/
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://ucst.ac.in/

7.1.2 - The Institution has facilities for alternate sources of energy and energy | C. Any 2 of the above

**conservation measures   Solar
energy   Biogas plant Wheeling to
the Grid   Sensor-based energy
conservation Use of LED bulbs/ power
efficient equipment**

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

```
Solid waste management:

It is a critical aspect of maintaining a clean and
environmentally responsible campus. Effective waste
management not only ensures a healthier and more pleasant
environment for students and staff . It was started in the
year 2012 and is being followed till date as "Best Practice "
of college.

Waste Segregation wastes are segregated into recyclables, non-
recyclables, organic waste, and hazardous waste.

Recycling Initiatives: Recycling bins are placed across the
campus.

Composting: All degradable solid waste generated in the
college is collected and dumped into a dumping pit for
decomposing. Decomposed organic manure is utilized for
gardening as organic manure, nutrient-rich soil amendments
for campus landscaping and gardening projects. Minimize the
use of single-use plastics on campus.

3. Liquid waste management:

Less hazardous from different laboratories are thrown out
under drainage. Biowastes are heat killed and buried under
soil.

4. E-waste management
```

E-waste Management: Establish a system for the proper collection and disposal Minimization Practices E-Waste: can drop off their old or non-functional electronic devices. Categorized that can be repaired, reused and recycled. Functional devices can be donated to charitable organizations. Developed and enforced e-waste management policies within the college.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**E. None of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft	**D. Any 1 of the above**

copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institution believes in unity in diversity and the students respect the different religion, language and culture. Students feel that the college is their second home and all the faculty are like a family member. The students greet and wish each other at different festivals and invite them to have a feast to get introduced with one's culture to have amicable relations and to maintain the religious, social and communal harmony. The students also celebrate the festivals with joy and enthusiasm which help them to implant harmony. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of college annual gathering, the college gives permission to students to celebrate traditional day. The students wore the different attire representing the different states, religions and cultures.Through this activity students get acquainted with the different cultures and help to develop the tolerance and harmony. This creates the inclusive environment in the college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

At University College of Science,Tumkur we believe in giving holistic all-round education to the students. Sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The University has introduced a compulsory paper on the Constitution of India at UG degree level to create awareness and sensitizing the students towards constitutional obligation. Also, all the students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. Women cell/Women association of the college educate women about their rights through various programs. Seminars and workshops are conducted on related issues. Every year Republic Day and Independence Day are celebrated by organizing activities highlighting the importance of Indian Constitution and the struggle of freedom and sacrifices made.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://ucst.ac.in/course-syllabus.php
Any other relevant information	**Nil**

7.1.10 - The Institution has a prescribed	**A. All of the above**

code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates commemorative days, events and festivals through NCC, NSS and student's associations. The cultural activities are informal and are intended to sensitize the academic world to other dimensions of human experience and knowledge, with the hope that this would enrich the lives of students and make them aware of their social responsibilities and understand the implications of their actions. The Independence Day and Republic Day is celebrated at large scale. Birthday anniversary of Mahatma Gandhi, Dr. Babasaheb Ambedkar, Swami Vivekanand are celebrated in the campus. Teacher's Day is celebrated on occasion of birth anniversary of Dr. Sarvepalli Radhakrishnan, which is celebrated to show the honour and respect towards the teachers. Singing, Dancing, Drama, Musical Instrument Playing, Traditional Day, Rangoli, Project Exhibition, Extempore, Group Discussion, Debate etc. are the parts of cultural festival. Students are felicitated and

awarded for their remarkable performance in cultural activities and events. The students are also motivated to participate in various intercollegiate and university level competitions.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	[View File](#)
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: e Administration

- **E administration is helping to maximise and fasten the administrative efficiency through easy mode of communications at all levels.**
- **College is making use of the technology for creation and preservation of the learning materials for future references, easy student admission process and support.**
- **To provide easy and student friendly services at learning places like library, offices and other centres.**
- **To monitor the student's attendance in google spread sheets, availability of e resources in all WhatsApp groups and YouTube links to assess the videos.**

Best Practice 2: Creating Research Environment in the Institution or Promotion of Research activities.

- **To inculcate research culture both institutional and individual are set a clear research goal**
- **To devote substantial resources on promotion of research through faculty training and support.**
- **To create an innovative ecosystem for the fellow's available research that includes the student participation.**
- **Drive to explore, understand, and follow one's own**

- ideas, and to advance and contribute to society through innovation, discovery, and creative works.
- To improve the focus of the faculty on research activities progressively on par with teaching learning processes.
- To improve the publications and execution of sponsored projects is in an optimum away.

File Description	Documents
Best practices in the Institutional website	https://ucst.ac.in/tucstadm/uploads/1281_Best_Practices_1729769925.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Our institution is consistently enhancing its infrastructural facilities and human resources as it continues to progress toward the fulfilment of its mission. The major stakeholders of the institute are students of rural areas, who come from remote areas and are economically deprived of professional education due to their economic condition. Commitment to the cause of imparting education. . Successful in producing luminaries.Helping hand for the poor and needy. Convenient location, transparency, accountability and moderate fee structure.. The college is offering courses in B.Sc., of different combinations of science and.PG Courses in Chemistry, Physics, and Environmental Science. It has got a well-established library comprising a good number of books, journals, and e-resources, and is supports the staff and the students of the college. Strong network of old students, parents, and teachers,Youth Red Cross, NSS, and NCC work through value-based schemeseducation. Faculty members are dedicated, competent, and well qualified and also engage themself in various rsearches. It also supports all co-curricular and extension activities. Mentioning all the above relevance nstitution has grabbed as potential with excellence and distinctive from other institutions.

File Description	Documents
Appropriate web in the Institutional website	[View File]()
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

1. Shifting/reallocating/fresh allocatingresearch labs/labs/class rooms/staff rooms to new guides, new courses, and existing courses with enhanced strengths. Proposed to establish an ICT centre/studio for creation of e-resources by faculty and students.
2. Start Biochemistry course at UG level from the academic year 2024-25.
3. Conduct workshops related to research methodology and research ethics.
4. Motivate the various cells/programmes to conduct more extension and outreach programmes in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC).
5. Proposed to establish more number of collaborations with industry and academia and create MOUs for exchange programmes.
6. Proposed to conduct more number of Gender Equity (Number of gender equity promotion programmes organized by the institution during the year in consultation with the convener of the respective cell. Conduct programmes related to Environmental Consciousness and Sustainability under the various extension activity cells. Conduct activities for promotion of universal Values and Ethics in the institution. Proposed to organise capability enhancement and development programmes such as soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.