



## **YEARLY STATUS REPORT - 2020-2021**

| Part A   |   |
|--|---|
| Data of the Institution                              |   |
| 1.Name of the Institution                            | CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT |
| • Name of the Head of the institution                | Dr. Supriya Pattanayak                            |
| • Designation  | Vice-Chancellor                                   |
| • Does the institution function from its own campus? | Yes   |
| • Phone no./Alternate phone no.                      | 06815222999                                       |
| • Mobile no  | 9437424149  |
| • Registered e-mail                                  | registrar@cutm.ac.in                              |
| • Alternate e-mail address                           | vc@cutm.ac.in                                     |

|   |   |
|---|---|
| • City/Town   | Paralakhemundi  |
| • State/UT  | Odisha  |
| • Pin Code  | 761211  |
| <b>2.Institutional status</b>   |   |
| • University  | Private   |
| • Type of Institution   | Co-education  |
| • Location  | Urban   |
| • Name of the IQAC Co-ordinator/Director                                | Prof. K.V.D. Prakash  |
| • Phone no./Alternate phone no  | 8328964815  |
| • Mobile  | 8895585474  |
| • IQAC e-mail address   | prakash.kvd@cutm.ac.in  |
| • Alternate Email address   | gprath@cutm.ac.in   |
| <b>3.Website address (Web link of the AQAR (Previous Academic Year)</b> | <a href="https://cutm.ac.in/download-pdf/?pname=/wp-content/uploads/iqac/AQAR-2019%E2%80%939320&amp;catID=144">https://cutm.ac.in/download-pdf/?pname=/wp-content/uploads/iqac/AQAR-2019%E2%80%939320&amp;catID=144</a> |
| <b>4.Whether Academic Calendar prepared during the year?</b>            | Yes   |
| • if yes, whether it is uploaded in the Institutional website Web link: | <a href="https://cutm.ac.in/academic-">https://cutm.ac.in/academic-</a>   |

[calendar/](#)**5.Accreditation Details**

| Cycle   | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---------|-------|------|-----------------------|---------------|-------------|
| Cycle 1 | A     | 3.10 | 2015                  | 15/11/2015    | 14/11/2020  |

**6.Date of Establishment of IQAC**

01/07/2012

**7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

| Institution/ Department/Faculty | Scheme | Funding agency | Year of award with duration | Amount |
|---------------------------------|--------|----------------|-----------------------------|--------|
| Nil                             | Nil    | Nil            | Nil                         | Nil    |

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

Yes

- Upload latest notification of formation of IQAC

[View File](#)**9.No. of IQAC meetings held during the year**

20

- The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)

Yes

- (Please upload, minutes of meetings and action taken report)

[View File](#)**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

- If yes, mention the amount

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

- NAAC accreditation with 'A' Grade
- India Rankings NIRF

- Data submission for AISHE, MHRD

- Curriculum and Syllabus compilation for Science, Engineering and other Programs

**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  |
|---|--|
| i. To conduct Academic Audit  | i. Conducted the Academic Audit for 2020-21 and submitted the report to the Registrar of the University  |
| ii. Engaging with Stakeholders for quality enhancement  | ii. Coordinated the meetings with parents, training and placement cell, alumni and industry personnel  |
| iii. Engagement with faculty for design of curriculum for CBCS and industry specific domains as per the online class work requirement due to covid pandemic | iii. Meetings were organised with faculty, alumni and industry for offering CBCS and developing domain based syllabus. Online courses were prepared and uploaded as courseware. cutm.ac.in |
| iv. To have FDPs for teaching & learning online mode  | iv. Fdps were conducted for faculty on online teaching exam, assessments etc.  |
| v. Student's engagement for solving learning problems due to covid scenario   | v. Students were being mentored and constantly being encouraged for online learning there simulation labs.   |
| vi. Engaging in solving community problems . That had come up due to covid.   | vi. Students volunteered towards solving the problems of neighbour hood by helping through help line .   |

**13. Whether the AQAR was placed before statutory body?**

**Yes**

- Name of the statutory body

| Name   | Date of meeting(s) |
|--|--------------------|
| The AQAR report was placed to the Senior Management Team and Board of Management | 20/11/2021         |

meeting along with the University Annual report for approval. The Board of Management appreciated the efforts of IQAC and approved the report.

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes

15. Whether institutional data submitted to AISHE

| Year    | Date of Submission |
|---------|--------------------|
| 2020-21 | 28/02/2022         |

16. Multidisciplinary / interdisciplinary

CUTM starts from evaluating the existing curriculum in terms of relevance in the present context, achieving desired programme objectives and the need of employers/higher education. Curriculum is designed and developed to provide a learner centric education to achieve three specific objectives; Employment, Higher Education and Entrepreneurship.

\* CUTM curricula allows flexibility in course structure, choice-based credits for value-add courses, project-based courses, and internships in industry and national labs

\* Choice Based Credit System /elective course system implemented in 100% of the programs.

\* University offers 41 Domains across all discipline for students to specialize and get in depth knowledge in a specific area with pre-defined problem statement as a project to deliver.

\* Each course has got either of these 3 components

\* More than 100 skill courses have been developed and offered to students in each semester and the list of courses get updated in each academic year.

\* MOOC, Internship, Minor projects are part of each curriculum for students to take.

\* Curriculum is aligned to a digital platform for learning beyond University curriculum

\* More than 85% of the courses have components which enhance employability, entrepreneurship and skills for industry readiness

17. Academic bank of credits (ABC):

The University has applied to be part of the Academic Bank of Credits and is ready to both receive as well as export credits. Centurion has developed its curricula as a full cafeteria and all 1100 subjects and domains can be viewed at [courseware.cutm.ac.in](http://courseware.cutm.ac.in). All courses are digitally aligned. Students also can choose from Swayam, Coursera as well as Udemy. Faculty members also contribute to these platforms

#### 18.Skill development:

Centurion University has vertically integrated skill development into all its programmes. Students can choose from over 100 skills courses which include music, dance, sports, core-professional-life –entrepreneurship skills. The University has over 50 industry partners who support and help domain tracks running over 24 credits in six months' time. The University has industry sponsored labs across 15 industrial verticals.

As a Skill University, Centurion has developed over 30 diplomas as well as 50 certificate courses to be offered in hybrid mode to external learners. All courses have theory/simulation practice and one month on-campus modules to hone their skills on real-time basis. All these courses have mapping of industrial skills and competencies as the outcome. The focus is also on project-product-production (action-learning) as a pedagogical tool as opposed to lab-experiment-records (applied learning). The University has achieved this transformation in a period of last 7 years.

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

There is also an on-Campus Indic Knowledge Center working on science and Vedas and publishes periodically under the guidance and leadership of Prof Shantamma, who is an authority in this area.

The University curricula is all delivered on a campus-wide ERP as the backbone. The University offers the choice of paperless examination system, where students can use tabs and stylus. The University also uses free tools like Moodle. The University is currently embarking on immersive learning with development of 3D assets and soon it will be transported into Metaverse

#### 20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The courseware of each subject outlines objectives as well as learning outcomes. The framework is in place to align all programmes with competencies. The students are also supported, encouraged and trained to participate in world skills competitions and the University has been privy to gold medals at national level.

#### 21.Distance education/online education:

### Centurion is a working live model of NEP in Practice.

- **Digitalisation of Courseware:** The faculty have digitally aligned all the 1100 odd courses taught at the university with session plans, teaching aids as well as assessment embedded. The whole curriculum and content is hosted at [www.courseware.cutm.ac.in](http://www.courseware.cutm.ac.in). This is even made available as reference material for skills integrated higher education model (Centurion Model). The web site has over 50 industrial domains as well as 100 skills courses apart from core courses. This made sure that the university had NO disruption to its academic calendar during Covid.
- **Faculty have recorded their lectures and made them available on youtube.** The Media Resource Center supports digitalisation of content including making learning videos as well as 3d assets. University has partnership with Adobe, Autodesk, Dassault 3d experience for making 3d assets. 3d immersion labs support students. Faculty developed classroom videos for over 50 domain and skills courses.
- **Students also take courses from Swayam, Udemy as well as Coursera platforms and Faculty submit courses to these platforms.**
- **The university also uses simulation labs wherever possible. All such simulation labs are hosted in AWS/Pi Data Center and Centurion@Cloud which is hosted in one of the campuses.**

## Extended Profile

### 1.Programme

1.1

Number of programmes offered during the year:

45

1.2

Number of departments offering academic programmes

12

### 2.Student

2.1

Number of students during the year

6564

2.2

1666

|  |       |
|--|-------|
| Number of outgoing / final year students during the year:  |       |
| 2.3<br>Number of students appeared in the University examination during the year                     | 5741  |
| 2.4<br>Number of revaluation applications during the year  | 19    |
| <b>3.Academic</b>  |       |
| 3.1<br>Number of courses in all Programmes during the year   | 1675  |
| 3.2<br>Number of full time teachers during the year  | 332   |
| 3.3<br>Number of sanctioned posts during the year  | 335   |
| <b>4.Institution</b>   |       |
| 4.1<br>Number of eligible applications received for admissions to all the Programmes during the year | 31183 |
| 4.2<br>Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year  | 1158  |
| 4.3<br>Total number of classrooms and seminar halls  | 219   |
| 4.4<br>Total number of computers in the campus for academic purpose                                  | 1909  |



4.5

9043

Total expenditure excluding salary during the year (INR in lakhs)

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The development of an effective curriculum in Centurion University is a multi-step, dynamic process that follows 360-degree approach. The process starts from evaluating the existing curriculum in terms of its relevance to the developmental needs from local to global communities. Curriculum is designed and developed to ensure excellence in the quality that provides a learner centric education to achieve the three specific objectives; Employment, Higher Education & Entrepreneurship in a systematic manner. The Faculty Council prepares the draft curriculum. Pre-Board of Studies (Pre-BoS) meetings are conducted to discuss the draft curriculum & recommend improvements. Thereafter, Board of Studies (BoS) is conducted to finalize the curriculum and syllabi which is then submitted to the Academic Council of the University and then to the Board of Governors for final approval. Periodic review by BoS is done to ensure the incorporation of suggestions in curriculum and syllabi.

Broadly the following areas are explored to achieve the CUTM goals.

- ICT enabled program preparation and delivery.
- CBCS in all programs.
- Rigorous internship.
- NSQF aligned skill development.
- Flip class pedagogy.
- Industry aligned syllabus.
- Programs relevant to Government sectors (e.g. Forensic Science, Paramedics, value addition courses to Civil servants etc.).

| File Description  | Documents                 |
|---|---------------------------|
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>1.1.2 - Number of Programmes where syllabus revision was carried out during the year</b>   |                           |
| 33  |                           |
| File Description  | Documents                 |
| Upload the data template  | <a href="#">View File</a> |
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year</b> |                           |
| <b>1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year</b>                               |                           |
| 1097  |                           |
| File Description  | Documents                 |
| Upload the data template  | <a href="#">View File</a> |
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>1.2 - Academic Flexibility</b>   |                           |
| <b>1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year</b>                          |                           |
| 684   |                           |
| File Description  | Documents                 |
| Upload the data template  | <a href="#">View File</a> |
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year</b>          |                           |
| 11  |                           |

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 1.3 - Curriculum Enrichment

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

Centurion University has made the courses on Gender, Human Rights, Ethics and Environmental Science mandatory for all disciplines. Training on Safety & First Aid is also imparted to the students. There are active Career Guidance Cell, Culture Sports and Responsibility Cell, Anti-Ragging Cell, SC/ST and Minority Cell, NSS and NCC. Climate change and Sustainable Organisations course is mandatory for all Management and B.Tech programmes.

The bouquet of skill electives include courses on Disaster Management, Seed production, Drug Research using Biovia, Introduction to Nutraceuticals, Yoga and Meditation, which reflects on human values, Sustainable Agriculture, Climate Change and Ecological issues.

Centurion University has declared the campuses 'plastic free'. All the food waste is converted to fertilizer with the help of bio-digesters. Paper and cloth waste generated is recycled to hand made papers. The University Community Diagnostic Center trains students to participate and assist in providing subsidised health care facilities through eye camps and health camps to the neighbourhood rural communities. Relevant posters are placed in strategic locations for creating awareness about Human Rights. The University has engagement with urban slums and incubated an Urban Micro Business Centre through which students work with the community.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

#### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

22

| File Description         | Documents                 |
|--------------------------|---------------------------|
| Upload the data template | <a href="#">View File</a> |

|  |   |
|--|---|
| Upload relevant supporting document  | <a href="#">View File</a>   |
| <b>1.3.3 - Total number of students enrolled in the courses under 1.3.2 above</b>  |   |
| <b>1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year</b>         |   |
| 6390   |   |
| File Description   | Documents   |
| Upload the data template   | <a href="#">View File</a>   |
| Upload relevant supporting document  | <a href="#">View File</a>   |
| <b>1.3.4 - Number of students undertaking field projects / research projects / internships during the year</b>                             |   |
| 1579   |   |
| File Description   | Documents   |
| Upload the data template   | <a href="#">View File</a>   |
| Upload relevant supporting document  | <a href="#">View File</a>   |
| <b>1.4 - Feedback System</b>   |   |
| <b>1.4.1 - Structured feedback for design and review of syllabus - semester wise / is received from Students Teachers Employers Alumni</b> | <ul style="list-style-type: none"> <li>All 4 of the above</li> </ul>  |
| File Description   | Documents   |
| Upload relevant supporting document  | <a href="#">View File</a>   |
| <b>1.4.2 - Feedback processes of the institution may be classified as follows</b>  | <ul style="list-style-type: none"> <li>Feedback collected, analysed and action taken and feedback available on website</li> </ul> |
| File Description   | Documents   |
| Upload relevant supporting document  | <a href="#">View File</a>   |
| <b>TEACHING-LEARNING AND EVALUATION</b>  |   |

## 2.1 - Student Enrollment and Profile

### 2.1.1 - Demand Ratio

#### 2.1.1.1 - Number of seats available during the year

2524

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

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

1006

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

## 2.2 - Catering to Student Diversity

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

Centurion University admits students through an appropriate mechanism. The students selected are from varied backgrounds like rural/ urban and local/ international.

**Pre-admission Counselling:** Students have access to admission counsellors to get the latest information about the admission process, branches, courses, schools and various programs of the University.

**Orientation:** For fresher the orientation programme is conducted, that includes:

- know your University by an exhaustive virtual and conducted campus tour,

- teaching/learning/evaluation systems,
  - University disciplinary norms,
  - academic policy and different Grievance-Redressal processes,
  - meet the industry experts,
  - listen to the career and motivational talks,
  - placement and internship opportunities available
  - industrial, social and cultural outreach
- **Baseline Tests and Bridge Courses:** Baseline tests are conducted to assess the need of the student. Accordingly, bridge courses are conducted for the new entrants to provide meaningful transition to the core, domain and skill courses.

**Mentoring:** Faculty mentors are allotted to students. Mentoring is done routinely once a week. Each student is tracked through mentoring report and special intervention is made for critical students with the support of their parents and experts.

**Remedial Class**

**Assistive Technology**

**E-materials**

**Additional Lab Classes**

**CBCS**

**MOOCs**

**Projects**

**Collaborative Research**

**Student Seminars**

**Competitive Events**

**Training & Coaching**

**Culture Sports Responsibility (CSR)**

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| Link For Additional Information     | Nil                       |

### 2.2.2 - Student - Full time teacher ratio during the year

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 6564               | 332                |

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

### 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

Centurion University since inception is committed to ensure the holistic development of the students through student-centric learning processes. We espouse hands-on learning skill among students by providing them much required facilities for collaborative action and problem-solving skills through active involvement in real-life projects. All these are blended suitably in our curriculum. The following practices provide the broad spectrum of initiatives undertaken in the university to make the learning student-centric: Projects and Field Practicum Internships and Apprenticeship Industry Visits and Exposure Visits Guest Lectures, Seminars, Workshops and Symposia Student Seminars, Presentations, Wall Magazine and Newsletter Group Learning and Flip the Class Pedagogy ICT Enabled Teaching Case Studies Dissertations and Book Reviews Events

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The integration of ICT in the academic system is done in two phases: first, with the required infrastructure, and second, the adoption and usage of the tools by the faculty for pedagogy design

and delivery.

- Smart classrooms with multimedia aids
- Education management system for smooth execution of the semesters that includes attendance, lesson plans, evaluation & mentoring
- Media Resource Center (MRC) prepares digital contents & lecture videos
- The digital library provides uninterrupted access to books, journal databases & other learning materials
- Use of virtual classes using 'Impartus' a video learning software for smooth conduct of the online classes for the students and effective teaching and learning during the pandemic
- Use of Social Media Apps like WhatsApp, and other conferencing tools such as, Skype, Zoom, Google Meet
- Language laboratory for classroom engagement & interaction via computer-based exercises & activities
- Use of MOOCs
- The University has developed iCalibrator to conduct online assessments.
- Access to the best of the software and simulation platforms offered by Dassault e.g., Catia, Simulia, Biovia etc.
- VLab tool for conducting experiments
- Turnitin & Urkund softwares for plagiarism check
- Adobe Spark & Doodly to create impactful & relevant digitized contents Link to the Academic Management System

#### Links

[https://cutm.icloudems.com/corecampus/admin/admin\\_index1.php](https://cutm.icloudems.com/corecampus/admin/admin_index1.php)

<http://courseware.cutm.ac.in/>

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

322



| File Description  | Documents                 |
|---|---------------------------|
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>2.4 - Teacher Profile and Quality</b>  |                           |
| <b>2.4.1 - Total Number of full time teachers against sanctioned posts during the year</b>  |                           |
| <b>332</b>  |                           |
| File Description  | Documents                 |
| Upload the data template  | <a href="#">View File</a> |
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year</b>   |                           |
| <b>195</b>  |                           |
| File Description  | Documents                 |
| Upload the data template  | <a href="#">View File</a> |
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>2.4.3 - Total teaching experience of full time teachers in the same institution during the year</b>  |                           |
| <b>2.4.3.1 - Total experience of full-time teachers</b>   |                           |
| <b>1223</b>   |                           |
| File Description  | Documents                 |
| Upload the data template  | <a href="#">View File</a> |
| Upload relevant supporting document   | <a href="#">View File</a> |
| <b>2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year</b> |                           |
| <b>63</b>   |                           |
|   |                           |

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

## 2.5 - Evaluation Process and Reforms

### 2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

15

#### 2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

15

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | No File Uploaded          |

### 2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

19

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

### 2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The University is working for Examination Reforms in procedures, processes, integrating Information Technology (IT) & incorporating continuous Internal Evaluation Component. The University has a well-established & efficient software called "Examination Management System (EMS)" for maintaining result related records & data.

Integrating IT: ERP system is in place (with no manual intervention) for

1. Generation of admit cards and signature sheets.
2. Generation of debarred list of students as per University Regulations for appearing examination
3. Publication of results
4. Complete processing, compilation and declaration of result has been automated in EMS which has helped in

1. Fast & error free compilation of results.
2. Real time database
3. Generation of consolidated grade-sheets immediately after publication of results.

#### Reforms in examination procedures & processes:

1. Conduct of examination under CCTV surveillance.
2. Introduction of feedback system (on question paper quality and evaluation standard)
3. Academic transcripts uploaded in National Academic Depository (NAD) for the benefit of students.

Innovations during/ response to COVID19 pandemic: An external agency with proven credentials in conduction of online examinations was hired. The requisite adaptations were incorporated into the system, tested & put to use seamlessly for conduct of examinations without altering the pre-specified examination calendar & timely publication of result.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

#### 2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated

into the assessment process and widely publicized through the website and other documents

The University policy describes a systematic evaluation process to meet the Programme Objectives (PO), Programme Specific Outcomes (PSO) and Course Outcomes (CO) of all programs offered. The Course Objectives are defined, monitored and evaluated for each course in the curriculum on a regular basis to ensure that the program/course outcomes are being met.

Course Learning Outcomes are central to our curriculum and articulates to stakeholders, what students will achieve on completion of the course and how their learning will be measured.

The learning outcome of each course is based on type of courses offered. All courses of the University are identified as Theory, Practice, Project or a combination of two/ three types. Therefore, it allows to measure individually as well as aggregate outcome assessment for each course through Knowledge, Practice and applications through projects.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | No File Uploaded |

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Procedure for attaining COs, POs and PEOs.

Evaluation of Course Outcome

A) Direct Assessment: Two major components:

1. Internal Evaluation 1 & 2 and Continuous Evaluation (CE) (Assignments, Quizzes, Class Tests, Laboratory performance, Projects, Presentations)

2. End Semester Examination (ESE).

Setting targets for performance attainment: The measurement is through a direct assessment method and is based on the attainment of 60% marks or 6gp on a 10 point grade scale) or more as the threshold.

Level 3: > 60% of students scoring more than 6 GP

Level 2: 40% to 60% of students scoring more than 6 GP

**Level 1: < 40% of students scoring more than 6 GP**

Note: If target level of attainment is achieved in current year, threshold is increased for next year.

Moreover, different thresholds may be set for different level as well as differences courses.

B) Indirect Assessment: Based on course feedback performed at the end of the semester.

Indirect assessment of COs is performed using course feedback conducted at the end of the semester. Students are asked to rate course on a scale of 5. The components of COs attainment are set based on the attainment of a threshold of 4 points or more.

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

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

1666

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**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 web link)

<http://cutm.ac.in>

**RESEARCH, INNOVATIONS AND EXTENSION****3.1 - Promotion of Research and Facilities**

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

Centurion University of Technology and Management (CUTM) is committed to the pursuit of excellence in research and aiming to lead the national agenda across the spectrum of science and technology, management and humanities for social impact. We ensure that all the research we undertake is aligned with the United Nations Sustainable Development Goals. Our commitment to the range of interdisciplinary work is reflected in the sustenance of both basic and applied research, which may yield a long-term impact. CUTM ensures that all disciplines flourish in research by adopting the highest norms and standards of a scholarly undertaking. This document provides the information of research policy and promotional activity of CUTM. Further, this document outlines the principles that should be taken into account while planning and conducting research. The principles that should be followed strictly, while recording, reporting and applying the results produced are emphasized. The Management encourages faculty to apply for external Grants, Grants from the Government of India and its associated bodies, from Public Sector Units and from Industry bodies. It further encourages faculty to collaborate with other National and other institutions of eminence in the pursuit of excellence in disruptive and cutting edge research and product development. Faculty are also encouraged to publish patents and copyrights of the work undertaken. They are encouraged to publish their work in indexed and peer-reviewed journals. The Provost of the University has announced a series of incentives for the same.

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

410000

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

9

|                          |                           |
|--------------------------|---------------------------|
| File Description         | Documents                 |
| Upload the data template | <a href="#">View File</a> |

|                                     |                           |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
|-------------------------------------|---------------------------|

**3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year**

16

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery**

A. Any 4 or more of the above

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year**

4

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.2 - Resource Mobilization for Research**

**3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)**

1034

|                  |           |
|------------------|-----------|
| File Description | Documents |
|------------------|-----------|

|                                     |                           |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

253

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

65

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

## 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The CIE under CUTM is managed by Gram Tarang Incubation Centre. The purpose of CIE is to provide mentoring & incubation and create a thriving entrepreneurial ecosystem in Centurion University. It is a recognised Incubator under Startup Odisha Initiative of Government of Odisha, MSME Department. The Incubation centre along with Centurion Innovators and Entrepreneurs has been assigned the additional responsibility for working as a nodal agency for the Start-Up Odisha secretariat, under which it has evaluated 142 entities till now for StartUp Odisha recognition or financial support application.

The Incubation centre has incubated 27 entities from within the Gram Tarang ecosystem, which are in different stages. 12 entities are incorporated under Ministry of Corporate Affairs, 09 are under the process of getting registered and 6 are pre-incorporation stage. Centurion CIE is also nurturing and mentoring 23 external entities.



**Major Achievements:**

- Recognized as Incubator under startup Odisha initiative of Govt. of Odisha MSME department.
- Received grant from govt. of Odisha for scaling up incubation activities.
- Co-Working space for Incubatees with multiple amenities
- Design Thinking, Rapid prototyping lab set up with 3D metal printer & 3D scanner
- Partnership with FICCI FLO (Women's wing of FICCI)

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

97

#### 3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

97

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

#### 3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

12

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.4 - Research Publications and Awards

#### 3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

A. All of the above

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards  
Commendation and monetary incentive at a University function  
Commendation and medal at a University function  
Certificate of honor Announcement in the Newsletter / website

A. All of the above

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 3.4.3 - Number of Patents published/awarded during the year

##### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

43

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 3.4.4 - Number of Ph.D's awarded per teacher during the year

##### 3.4.4.1 - How many Ph.D's are awarded during the year

19

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

936

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | No File Uploaded          |

#### 3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

##### 3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

678

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | No File Uploaded          |

#### 3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs

A. Any 5 or all of the above

## platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

| Scopus | Web of Science |
|--------|----------------|
| 650    | 578            |

| File Description                                  | Documents                 |
|---|---------------------------|
| Any additional information                        | <a href="#">View File</a> |
| Bibliometrics of the publications during the year | <a href="#">View File</a> |

### 3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science - h-Index of the University

| Scopus | Web of Science |
|--------|----------------|
| 11     | 11             |

| File Description   | Documents                 |
|--|---------------------------|
| Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | <a href="#">View File</a> |
| Any additional information   | <a href="#">View File</a> |

### 3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

The Centurion University of Technology and Management (CUTM) recognises the value of its staff undertaking consultancy for outside institutions/ organisations/ industry. This work is an important channel through which knowledge and expertise can flow to and from businesses and other

external agencies and therefore contributes to the development of growing and productive relationships. Consultancy activity within the University is often associated with other responsibilities, including teaching, mentoring, professional development, research and other academic activities. It is therefore, the University's core policy to encourage faculty/ staff to engage in consultancy wherever appropriate and in a manner that is consistent with their contractual responsibilities.

This policy is intended to provide the information required to undertake consultancy work in accordance with the University's approved procedures. University employees should also be aware of the Centurion University of Technology and Management Act and Statutes and for various compliance issues.

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

#### 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

6988

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Centurion University of Technology and Management has taken up initiatives to enhance employability of school dropouts, skill integrated higher education & social entrepreneurial outreaches for creating a student centric learning system. Specifically, the events presented below are celebrated each year. The events typically comprise Extension activities in the neighbourhood community in terms of impact and sensitizing students to social issues and holistic development with a dual objective of not only sensitizing students about various social issues but also contribute to community and strengthen community participation. The NCC, NSS, YRC & Social

Responsibility Unit of the University organize / take part in various initiatives on Yearly basis like organizing: Swachh Bharat initiatives, Blood donation camps, Awareness programs on AIDS prevention, Working with Orphanages, Old age homes and Specially-abled people. Events like World Literacy Day, International Yoga Day, Road Safety Awareness, Save our Rivers campaign, Tree plantation drive, Promoting Healthy living practices, Awareness talks on employment opportunities (Waste to Wealth) initiatives etc.. CUTM is actively involved with its community through its outreach organizations & its partners like Gram Tarang Foods, Gram Tarang Employability Training Services, Gram Tarang Inclusive Development Services, Urban Micro Business Center, Disaster Management center, Pani Panchayat initiative etc.

<https://cutm.ac.in/event-calender/csr/>

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

**3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year**

**3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year**

26

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)**

33

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year****5262**

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.7 - Collaboration****3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year****3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year****516**

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year****124**

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities****4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

Centurion University of Technology & Management has extensive & well planned campuses with 25% percent of the land area dedicated to green spaces. It has robust infrastructure in terms of quality and capacity to ensure that each student has access to the relevant facilities and a conducive environment for realizing the planned learning outcomes. The facilities of the University are 100% compliant with all the statutory requirements for the courses it offers based on the student strengths. Modernization of classrooms to make 25% of classrooms to be "Smart" (including smart boards, projector, Wi-Fi access and immersive tech equipment). Multi-disciplinary High-Performance Computing Lab in collaboration with Dassault Systems covering digital design, simulation, AR/VR and gaming related domains is used by various disciplines such as Engineering and Applied Sciences. The University has best in class laboratories (subject specific as well as multi-disciplinary). The University also has Production class Experiential learning and Skilling labs covering 5 axis CNC machining, apparel manufacturing, wood engineering, transformer manufacturing, waste to wealth, instructional farms and IoT enabled polyhouses. The University currently has 226 Classrooms (including 25% Smart Classrooms), 169 Laboratories, 2071 Computing Equipment (including PCs, Laptops & Tablets), and 12 Seminar Halls / Auditorium across all campuses.

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

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

**Response:**

Centurion University has two campuses in Bhubaneswar and Parlakhemundi. In order to encourage participation, University has created student clubs based on their interest, formal teams as well as a calendar of events. In order to get students started in sports and inculcate health discipline, University offered sports as credit earning skill courses through its Skills for Success Programs.

**Facilities for Cultural Activities****1. Performing Arts**

**Multi-purpose rooms for practicing various arts**



## Musical Instruments

Open spaces for practicing hobbies

Stage for hosting events

## 2. External and Community Events

Students are encouraged to participate in external community events such as trafficweek, national events as well as inter college competitions. University has self-owned transport facilities for the same.

## Facilities for Sports and Yoga

1. Sports facilities for outdoor games (professional class cricket ground with turf pitches and practice nets, multipurpose ground, Tennis Courts, Basketball Courts, Kabbadi Arena, volley ball courts & Kho Kho arena) and indoor games such as Badminton, Table-Tennis, Carom, Chess and Scrabble.

2.. Well-equipped indoor and temperature-controlled gymnasiums and also an open-air gymnasium at the Bhubaneswarcampus.

4. University's Bhubaneswarcampus has a swimming pool

5. Yoga Center

Website link: <https://cutm.ac.in/campus-facilities/campus-facilities/>

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

### 4.1.3 - Availability of general campus facilities and overall ambience

#### Response:

The campuses of the University have been thoughtfully designed to ensure that they offer the best in class education infrastructure and living conditions for the students, faculty and staff besides having a transformative impact on the communities around the campuses.

Further in order to attract the best talent, it is essential that facilities such as connectivity (electronic and physical), medical, residential and recreational are all available within or close proximity. Each campus offers a balanced lifestyle in a tranquil environment enabling the inhabitants to focus on realizing their potential.

Some of the key features/general facilities are listed below:

1. Gated Campus and Security
2. Residential Facilities for Students, Staff and Faculty
3. Guest House
4. Mess/Dining Halls
5. Mini-Market and Food & Beverages Facilities
6. Transportation (cars, buses, mini-vans and other vehicles such as pick-up trucks)
7. Banking/ATMs
8. Farms and Fresh Produce
9. Tribal Museum & Family on Campus in Parlakhemundi.
10. Clinical & Medical Facilities: Both the campuses have basic medical facilities and ambulances for taking care of any exigency. Recently, both campuses have created quarantine zones as well as hospital grade rooms (medical beds, drips, oxygen cylinders etc.) as part of its effort to fight the pandemic.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

#### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

3584

| File Description | Documents |
|------------------|-----------|
|                  |           |

|                                     |                           |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

University has a well-equipped digital library consisting of 18 PC nodes with high speed internet and power backup facilities. The library is also connected with high speed Wi-Fi connections which enables students & scholars to access the e-resources via their mobile devices. To provide the most user-friendly environment to access the e-resources both Ubuntu and Windows XP OS desktops are kept inside the digital. In order to keep abreast the users regarding the university's research outcome and locally developed study materials, the central library has developed its own Institutional Repository & Digital Library platform by using DSpace Software, where, a wide range of academic & research output including datasets, course notes, learning objects, conference papers, book chapters etc. have been archived in digital form. IP based access has been extended to the entire campus to provide easy and smooth access to library e-resources to the users. For providing quick, easy and 100% accuracy in service, the library has reformed itself with barcode technology and ERP software for its Automation. To satisfy the information needs of its user, the library has adapted an open access system in both reading & circulation sections, where students can have access to their own collections without any restrictions.

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

### 4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e - journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

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

52.85

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

1538

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

#### 4.3 - IT Infrastructure

##### 4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

339

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

##### 4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

The IT Policy of CUTM aims to make the university's processes automated, efficient and effective. It covers all aspects of the IT infrastructure (e.g. Computing Devices, Networks, Wi-Fi etc.), Services (Software license, User access management, enhancement of existing applications and developing new applications), Network Security ( Firewall management, VPN etc.) and adoption of Cloud based applications. The CUTM EMS (Education Management System) and LMS (Learning Management System) are superior applications based on SAAS (Software As a Service) model, reducing cost and increasing effectiveness of the unified approach to all aspects of education delivery in all CUTM campuses.

##### IT EXPANSIONS/ ENHANCEMENTS

##### 1) High performance computing (HPC)

2) Cloud services

3) Desktops, Laptops, Printers, Projectors

4) Core network

5) Wi-Fi

6) Secure campus-to-campus connectivity: VPN is used for such connectivity over a public network such as the Internet.

7) Firewall: Gateway Management Group (MID) for firewall administration is used.

8) IT Administration: Installation, configuration & maintenance of servers, routers, switches, PCs, user account management, monitoring performance & carrying out backup and recovery operations.

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 4.3.3 - Student - Computer ratio during the year

|                    |   |
|--------------------|---|
| Number of students | Number of Computers available to students for academic purposes |
| 6564               | 1909  |

#### 4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- $\geq 1$  GBPS

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

#### 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |
| Upload the data template            | <a href="#">View File</a> |

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

5141

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

##### 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.

University strives to provide excellent academic, physical and support facilities in a clean and green campus. University has a General Maintenance Department which has established systems and processes for regular maintenance and for proper utilization of resources. There are policies formulated for annual maintenance, periodic maintenance & preventive maintenance. Policies pertaining to campus cleanliness such as no waste policy, no smoking policy etc. are strictly adhered to. In order to speedily resolve issues faced by students, faculty and staff, there is a system in place wherein the concerned student/faculty/staff can lodge a complaint through ERP & the matter is immediately taken care of by the respective unit (Plumbing, IT, Electrical, Carpentry, Sanitation etc.). Well trained in-house staff are there for attending to Electrical, Water, Sanitation, Civil and Air Conditioning & IT related issues. Policies on plastic ban and zero waste are strictly adhered to. Clean drinking water is ensured through adequately installed water purifier units. Housekeeping unit ensures cleanliness of all facilities within the buildings. Landscaping is done to improve the physical ambience. Sports facilities are well maintained. As per Covid 19 guidelines, Hand sanitisers are present at all entry & exit points.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

**5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)**

2432

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year**

5339

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution**  
 Soft skills  
 Language and communication skills  
 Life skills (Yoga, physical fitness, health and hygiene)  
 Awareness of trends in technology

A. All of the above

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging**

• All of the above

**cases Implementation of guidelines of statutory/regulatory bodies Organisation 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**

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

## 5.2 - Student Progression

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

**5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

82

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**5.2.2 - Total number of placement of outgoing students during the year**

897

|                                     |                           |
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| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year**

167



| File Description                    | Documents                 |
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| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 5.3 - Student Participation and Activities

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

14

| File Description                    | Documents                 |
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| Upload the data template            | <a href="#">View File</a> |
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#### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Centurion University actively promotes student participation and representation in a wide range of academic and non-academic aspects of the university's service delivery in order to place an emphasis on students' overall growth. As a result of this effort, students will not only be given a voice, but also a sense of responsibility as young adults.

Students typically participate in the form of individual representatives chosen by the students themselves or committees formed specifically to address specific issues. Alumni and student representatives make up a portion of the Board of Studies. Some of the different Social Responsibility wings include the National Service Scheme (NSS) Coordinators, the National Cadet Corps (NCC) Platoon, the Youth Red Cross (YRC) Coordinators, the Bharat Scout and Guides (BSG) Team, the Gender Champions, and the Special Police Officers (SPOs).

All students are encouraged to attend class committee meetings and provide feedback to the senior academic team. Student members of the associations observe National Festivals, Birth/Death Anniversaries of Important Leaders, Annual Day, Freshers Day, and Farewell Day, as well as Cultural Events, Sports Meets, and Social Responsibility Activities. The university administration evaluates all relevant recommendations, administers them, and presents them for approval

| File Description | Documents |
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Upload relevant supporting document

[View File](#)**5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year**

63

| File Description                    | Documents                 |
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| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

**5.4 - Alumni Engagement**

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

The University has two registered Alumni Associations - JITM Alumni Association (JITMAA) and Centurion University Alumni Association (CUAA). JITMAA (registered in 2008) caters to the alumni of Jagannath Institute of Technology and Management (JITM), Paralakhemundi. Subsequently, after according of University status, JITM's name changed to Centurion University of Technology and Management (CUTM). CUAA was registered in 2018 and comprises of alumni across all CUTM campuses. However, both Alumni Associations continue and students passing out from all campuses of CUTM are registered in these associations.

The Alumni Associations (AA) are student driven and the Alumni choose their own President and coordinators. They have an independent social media presence.- [Website @ <http://alumni.cutm.ac.in> ] and [FB- <https://www.facebook.com/profile.php?id=100003277914437> ]

The AA / Chapters provide an interface between the alumni, staff and students of CUTM and have contributed significantly to the development of the University through financial / non-financial means. The area of participation over the past five years include:

1. Alumni placement Assistance Cell
2. Financial Support
3. Alumni Talks and Mentoring Programs  
[https://drive.google.com/drive/folders/1FaAMfwuVxjqGe6VRSMPQk2p\\_C9PJJh?usp=sharing](https://drive.google.com/drive/folders/1FaAMfwuVxjqGe6VRSMPQk2p_C9PJJh?usp=sharing)

1. Alumni as campus Recruiters <https://drive.google.com/drive/folders/1HwhLRR1bk1QXJpurJ-Wjn9EycEJI2D0A?usp=sharing> .

2. Internship Opportunities:
3. Entrepreneurship Awareness:
4. Alumni Meets: <https://drive.google.com/drive/folders/1spMatQta8Fr79D1S3EVgwJvyxCns7bFu?usp=sharing> .

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5.4.2 - Alumni contribution during the year (INR in Lakhs)      A.  $\geq$  5Lakhs

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## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

#### Vision

A globally accredited human resource center of excellence catalyzing "sustainable livelihoods" in the "less developed markets across the globe".

#### Mission

- Provide quality, globally accredited academic programs in technology & management.
- Provide globally accredited employability training for less endowed segments of the population.
- Promotion of entrepreneurial culture & enterprise in the target areas.
- Facilitating improved market access to goods & financial services to the target population.
- Promotion of lighthouse project interventions in the target area.

- Campuses are located in under-served areas largely inhabited by tribal & under-privileged strata of the society.
- A Center for Innovators & Entrepreneurs (CIE) supported by the state government focuses on building nano, mini & micro enterprises.
- Emphasis on industry connect ensures that its curriculum not only remains relevant for today but also in future. It has partnerships with entities such as Dassault Systemes, Wipro3D & C-DAC.
- Multiple social outreach entities are housed under University's umbrella brand Gram Tarang and also provide an action learning platform for students.
- University is also recognized as well-managed & a great place to work.
- As a recognition of this, University has been conferred the status of a 'Center of Excellence' by the Ministry of Skill Development & Entrepreneurship

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

Centurion University firmly believes in empowerment and has strived to build a culture of excellence as well as a safe space for its faculty, staff and students to freely express themselves.

**Flat structure:** The University has a flat structure discouraging hierarchies and power plays. It encourages a participative & democratic management style that facilitates a free flow of ideas and shared decision making thus keeping the team highly motivated.

**Autonomy to Deans:** Deans are given full autonomy who collectively work with HoDs on various aspects ranging from new course offerings, curriculum design, infrastructure planning to managing faculty load & reviewing outcomes. The Vice Chancellor leverages the collective expertise of the team. She interacts with Deans through weekly Dean's meetings.

**Open Communication and Information Sharing:** University leadership & management follow an open door policy with unrestricted access up to the level of Trustees & the Board of Governors. Further all academic & administrative information are openly published on University's website. Slack tool is used for open communication & information sharing.

**Shared Services:** Admin meetings, monthly all faculty meetings & Research Review Meetings & various committees assigned for specific purposes.

**Multidisciplinary and Collaborative Approach (Research Centers):** The University has established 25 research centers.

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## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

Centurion University as a Skill University has designed & delivered a comprehensive skill integrated (based on NSQF competency levels) higher education. It integrates hands on knowledge, practice linked pedagogy and experiential learning in an inclusive environment with a focus in rural & remote areas.

The University has recreated a live production environment in its campuses where students eventually design, simulate, test & manufacture a product (prototype & commercialise) or service with a tangible socio-economic value and this it recognises to be the best measure of the outcome of any course. It creates a robust research environment where outputs also in terms of publications, copyrights and patents are enhanced.

The University preempted the NEP and has devised a credit-based assessment & certification framework. Curriculum for skill based courses is aligned with existing NSQF QP/NOSs & content is developed in partnership with the industry. Due to this, Centurion University has earned the first multi sector Center of Excellence of the Ministry of Skill Development & Entrepreneurship, Govt. of India & also the first Skill University to be notified as the Assessing & Awarding body by the MSDE, Govt of India.

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### 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.

**Centurion University has clearly articulated policies & processes in all academic and**

**administrative areas.**

In addition a robust and integrated Enterprise Resource Planning (ERP) system is integrated with the LMS/SIS systems.

- Governance structure of the University clearly set out in the Act & Statute of the University
- The Board of Governors is the apex structure
- The Academic Council approves all academic programs
- The Board of Studies comprising academic experts & industry representatives from various disciplines approves all new syllabus & any changes to existing curriculum
- HR Policy to govern the Human Resources of the University
- The Faculty Handbook sets out the roles, responsibilities & the rules that apply to faculty and non-teaching staff
- A performance appraisal system of the University is governed by a policy & sets out the promotions & incentives for the faculty
- All student data is maintained and managed by the ERP. This is linked to Tally in which all the finance details of the University are maintained
- The central stores of the University maintain a procurement & inventory management system

A Fixed Asset Register is maintained to manage the assets

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| File Description                    | Documents                 |
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**6.2.3 - Institution Implements e-governance in its areas of operations****6.2.3.1 - e-governance is implemented covering following areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

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### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

Performance Appraisal is the analysis of an employee's recent successes & failures, personal strengths, challenges and suitability for promotion or further improvement therefore requirement of the training & mentoring. CUTM is aligned to the NEP regarding the performance appraisal system. The performance analysis is done based on academic qualifications, teaching experience, feedback, research experience, Research projects and consultancy, Seminars, Conferences etc. attended & publications, products and patents, as well as their command on communication skills. Innovations/Contributions in Teaching are evaluated based on contribution made towards Design of Curriculum, Evaluation methods, Preparation of resource material ,Laboratory manuals etc., & Remedial Teaching/Student Counseling. The leadership qualities of the employee are considered by taking into account the contribution made to the University,Campus Life, Students Welfare, Membership in Bodies/Committees on Education & National Development etc.. Salary increment & other benefits or promotion is based on the performance of the Individual. Increment has a fixed and a performance component which is linked as a part (incentive) depending on the performance. An incentive scheme is developed for the faculty to encourage faculty involvement in research & consultancy. Faculty are also encouraged to get involved in Gram Tarang activities to improve practical exposure

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

358

|                                     |                           |
|-------------------------------------|---------------------------|
| File Description                    | Documents                 |
| Upload the data template            | <a href="#">View File</a> |
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### 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

46

| File Description                    | Documents                 |
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| Upload the data template            | <a href="#">View File</a> |
| Upload relevant supporting document | <a href="#">View File</a> |

### 6.3.4 - Total 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)

284

| File Description                    | Documents                 |
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## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

#### Response:

Centurion University focuses on the following sources of funds, apart from the student fee income:

1. CSR grants especially aimed at skill development & integration in higher education
2. Consulting
3. Manufacturing & turn-key project implementation
4. Income from incubated company services
5. Income from research projects
6. Income from commercialising IP of the university



For expansion & capacity enhancements, long term loan from Indian financial institutions is availed.

The University has over 50 corporate partnerships and has yielded support of over 150 crores in the last 10 years.

The University has established partnerships for large scale skill development & skill assessments program funded by state governments as well as NSDC and NSDA at national level and the CUTM SoVET being recognised as a Centre of Excellence by MSDE.

The University's marketing division has resulted in over 20 crores of production being executed through its incubated units.

The University also has more than 10 Research Centres (RCs). The research centres look for new product development opportunities, consulting in the area of new product development & design & commercialisation of IP.

| File Description                    | Documents                 |
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#### 6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

268.89

| File Description                    | Documents                 |
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#### 6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

65

| File Description         | Documents                 |
|--------------------------|---------------------------|
| Upload the data template | <a href="#">View File</a> |

Upload relevant supporting document

[View File](#)**6.4.4 - Institution conducts internal and external financial audits regularly**

CUTM conducts internal & external financial audits regularly. It has a full-time accounts department & in-house internal audit team since inception to ensure proper and timely maintenance of accounts & audit compliances.

The External Financial Audit of CUTM is carried out by the appointed independent auditors (SRB and Associates Chartered Accountants). For each financial year they check & establish the accuracy of the financial statements and related accounting policies/standards are as per statutory requirements. All Utilization Certificates to various grant giving agencies, FCRA annual Financials are also certified by the external auditor time to time. Since inception, till the financial year ending 2019-20, all the annual financial statements has been certified by the external auditors.

The Internal audit of CUTM is conducted on concurrent basis by its internal audit team, consisting of employees and expert consultants. The team visits multiple campuses as per the approved annual audit plan and checks for operational efficiency & effectiveness of internal control mechanisms w.r.t the financial transactions throughout the organization established by SOPs. The internal audit mainly engages in concurrent audit of all major receipts and payments of the university & in addition is also involved in verification of working sheets of payroll

File Description

Documents

Upload relevant supporting document

[View File](#)**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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

**Response :**

IQAC maintains and analyses monthly information reports related to the teaching and learning process, structures and methodologies of operations and learning outcomes. At the outset, IQAC ensures that the course material is prepared to keep in pace with global technological advances and the expected standards (that is, it is reviewed by internal and external experts and also peer

reviewed) and is available in the public domain (courseware.cutm.ac.in) for use by students. Course preparedness sessions are conducted for each and every subject in each department and school. The institutionalisation of quality assurance strategies and processes is vide classes being regularly monitored by a faculty/ non-teaching staff to assess that they are conducted properly and that the attendance of students is ensured. Further, all University examinations are conducted by a Quality Assurance Cell, which is located outside the University premises.

Two practices that have been institutionalized as a result of IQAC initiatives are a) mentoring with a view to help the students with their career progression and b) introduction of skill courses and practice components in courses to improve learning outcomes and enhance employability.

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| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

A. Any 5 or all of the above

|                                    |                           |
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**6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)**

The effect of IQAC is reflected in all areas of the University, vision, mission, strategies, policies & teaching learning outcomes involving all human resources, infrastructure, online activities, student placement & social responsibility.

- CUTM has aligned itself to the United Nations Sustainable Development Goals in order to have local impact & global relevance

- The University has enrolled 56 students from 9 different countries
- Different diploma, domain, skill and certificate courses & coaching for competitive exams, software training have been introduced to enhance student employability
- Incubation centres & startups are supported to promote entrepreneurship.
- Sports, self-defense training, CSR activities, wellness programmes have been developed to improve the physical & mental health of students
- Grievance redressal system & disciplinary committees are functioning actively
- During COVID 19, the University very quickly transitioned to online classes
- A number (26) of research centres & industry sponsored labs were established and students & faculty were encouraged to undertake research and development
- Ramps and lifts have been installed to support movement of differently abled people. New hostel buildings have been constructed to address the increasing number of students seeking residence on campus. Library facilities were augmented.

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## 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

Centurion University, committed to its motto 'Shaping Lives and Empowering Communities' and aligned to the UN SDG has a work culture based on inclusivity, integrity, and impartiality. The University is an equal opportunity employer and promote diversity, while recognizing the need to especially support women. The University follow policies and processes that ensure the safety, security and well-being of women as follows:

##### 1. Measures:

- 'Gender, Human Rights and Ethics' has been introduced as a mandatory subject for all students.
- All students participate in Gender sensitization session during their induction programme also regular workshops organized for all staff and students.
- Counselling for women are done regularly by mentors/ experts.
  - Well-trained and vigilant women security guards are stationed across the campus.

- Internal Complaints Committee against Sexual Harassment in place as per the Prevention, Prohibition and Redressal of Sexual Harassment at work places Act 2013 and list of committee members displayed in strategic locations of the University including hostels to facilitate in Gender champions (students) appointed at the University, as mandated by UGC
- Creche (day care centers) for wards of University staff.
- Common rooms and leisure/ recreational spaces for men and women have been established to facilitate informal meetings and discussions

| File Description   | Documents  |
|--|--|
| Upload relevant supporting document  | <a href="#">View File</a>  |
| Annual gender sensitization action plan(s)   | <a href="#">Preparation of Gender Sensitization Annual Calendar, Facilities available for female students &amp; lady faculty &amp; Staff Introduction to Gender, Human Rights and Ethics' Orientation Programme Awareness on CUTM Gender Policy Gender sensitization through discussion &amp; video documentaries/sh ort movies Introduction of Gender Champions Institutional scholarships (Female) Women Entrepreneurship, Fun Games and interaction; Poster Competition, Solo dance, Solo Song, Poetry, Duet, Group Dance, Drama on the theme Gender Equality today for a Sustainable Tomorrow, Faculty Development Programme, Workshop in Barlanda</a>       |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information | <a href="#">Security Staff for 24 hours in Colleges and Hostels. Security Staff in College Pathways during working Hours. Camera Surveillance on College Premises, Hostels, and Pathways. Onsite Ambulance Service in case of Emergency. Separate Wash Rooms for Girls and Boys. Common Reading Rooms for Boys and Girls Separately. Academic, cultural or sports training under the supervision of a faculty. Training programs on Self-defense for women students organized. Health and Hygienic training. Health checkup camps. Volunteer female students appointed as 'Special Police Officers' in collaboration with Commissionerate of Police, Odisha.</a> |

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas**

**A. Any 4 or All of the above**

## plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

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| File Description                    | Documents                 |
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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

CUTM is committed to all possible efforts in providing facilities for a zero-waste and sustainable eco-system in all its campuses.

- Kwik Composting Machines to manage food waste from the student canteens and converting it into green manure.
- Paper Recycling Machines for recycling of office waste such as paper and fabric wastes from our apparel production unit is converted into value added products like hand-made paper and associated gift items.
- Waste plastic from across the campus are recycled into paver blocks.
- Agriculture residue (paddy straw) and biowastes are converted into packaging solutions (egg baskets), fabric, eco-pens, eco-pencils and etc.
- Single-use plastic is banned in the University.

The Liquid Waste Management system of the University comprises of a net-work of channels flowing to Sewage Treatment Plants (STPs) with a total capacity of 6 lakh L/day.

Biomedical wastes from pharmacy/ chemistry/ and biological laboratories are categorized and segregated into four colour coded waste baskets as per standard SOPs.

The University has enlisted the services of authorised e-waste dealers for E-waste management of various types.

Hazardous chemical wastes such as acidic solutions and alkali solutions are produced in a very limited amount.

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|--|-------------------------------------|
| <b>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</b>   | <b>A. Any 4 or all of the above</b> |
| File Description   | Documents                           |
| Upload relevant supporting document  | <a href="#">View File</a>           |
| <b>7.1.5 - Green campus initiatives include</b>  |                                     |
| <b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of bicycles/ Battery-powered vehicles</li> <li>3. Pedestrian-friendly pathways</li> <li>4. Ban on use of plastic</li> <li>5. Landscaping</li> </ol>   | <b>A. Any 4 or All of the above</b> |
| File Description   | Documents                           |
| Upload relevant supporting document  | <a href="#">View File</a>           |
| <b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>  |                                     |
| <b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b> <ol style="list-style-type: none"> <li>1. Green audit</li> <li>2. Energy audit</li> <li>3. Environment audit</li> <li>4. Clean and green campus recognitions/awards</li> <li>5. Beyond the campus environmental promotional activities</li> </ol> | <b>A. Any 4 or all of the above</b> |

| File Description                    | Documents                 |
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| Upload relevant supporting document | <a href="#">View File</a> |

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

**A. Any 4 or all of the above**

| File Description                    | Documents                 |
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| Upload relevant supporting document | <a href="#">View File</a> |

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

**Response:**

Centurion University believes in unity in diversity. Our campuses are located in remote districts of the country. Towards this, the University has pro-actively made efforts to promote diversity.

Students from nine different countries, religions, languages and cultures are encouraged to take part in events across campuses. This gives a feeling of 'home away from home' for these students, in the campus and hostels. All the festivals are celebrated along with students from different cultural backgrounds. There is a multi-faith space created for students inside the campus.

Our campuses are equipped with facilities which are useful for differently abled people to study and work.

University takes utmost care when dealing with students in daily activities. Our admission policy also encourages 'inclusion' to give preference to students from rural and under-privileged backgrounds in consonant with our vision and mission statement 'empowering communities'.



Centurion University has a 'Policy on Sexual Harassment: Prevention, Prohibition and Addressal' in place, which discourages harassment of women in the campus and creates a fear free environment for them. This is one of the hallmarks of 'unity in diversity' creating a campus life of harmony and happiness.

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| File Description                    | Documents                 |
| Upload relevant supporting document | <a href="#">View File</a> |

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

**Response:**

Our University is positively inclined to make the students, faculty and staff aware and sensitive to Constitutional obligations. Students are sensitized through courses like Gender, Human Rights and Ethics and also by engaging in activities conducted by the Culture and Social Responsibility unit of CUTM (during Republic Day and Independence Day Celebrations in which Flag hoisting and other activities are conducted). In addition, for the faculty and staff of the University, workshops are conducted throughout the year to sensitize them on the interlinked issues of 'Rights, Duties and Responsibilities' as a citizen of India. This is done at the University level on different National Days such as International Human Rights day, International Mother Language day, International Women's Day, National Women's Day, International day for the Disabled, World AIDS day, Environment Day, Science Day. The workshops are conducted in a discussion mode where everyone is given some idea about the ideals of the Preamble and the Fundamental Rights of a person that have been ensured in Part III (Article 14- 32) of the constitution such as: Right to Equality, Right to Freedom, Right to Culture and Education, Right against Exploitation, Right to Religion, and Right to Constitutional Remedies.

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 Annual awareness programmes on Code of Conduct are organized

All of the above

| File Description                    | Documents                 |
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| Upload relevant supporting document | <a href="#">View File</a> |

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

Centurion University takes immense pride in our country's heritage and makes every effort to ensure that its celebrated. Further, multiple initiatives are undertaken to ensure that its students are fully aware of the contributions and sacrifices made by our Nation's leaders both during the freedom struggle and toward shaping its progress.

Specifically, the events presented below are celebrated each year. The events typically comprise remembrance speeches, students' competitions (debates, essay, painting) related to the event, parades and flag hoisting (for specific days such as Republic and Independence days). Besides student, staff and faculty, local community is also often invited to participate in these celebrations.

University celebrates National Festivals and Births Anniversaries of great Indian personalities every year as follows:

Republic Day and Independence Day, Independence Day, Mahatma Gandhi & Shastri Birth Anniversary, Teachers Day, Engineers Day, Science Day, National Youth Day, National Education Day, Good Governance Day, National Unity Day, National Constitution Day: celebrated on 26th November. Etc.

This encourages the students to acquire knowledge on the significance of the events/ personalities.

Please browse through the link for details of the events along with photographs, awards and recognitions @ <https://cutm.ac.in/event-calender/csr/>.

| File Description                    | Documents                 |
|-------------------------------------|---------------------------|
| Upload relevant supporting document | <a href="#">View File</a> |

### 7.2 - Best Practices

#### 7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Students develop a sense of responsibility towards the community by building a team spirit, Enhancing communication skills and solving problems creatively way through outcome based education.

The contextual framework for this practice requires a deeper understanding of the communities within which the University functions and the profile of the students that the University attracts.

The capacity, competency and confidence of students to go beyond the traditional curricula and careers

Students from the Schools of Vocational Education & Training, Management and Agriculture form interdisciplinary groups and take up project design, planning, coordination and implementation.

The students have limited exposure to the kind of job prospects / entrepreneurship opportunities that are available in the rural economy.

Students selected, trained and deployed in remote, rural areas with partner NGOs for community engagement, batch creation and delivery of 80 hours curriculum comprising domain and entrepreneurial skills. Best Projects were awarded and supported to upscale. They were also supported to apply for different fellowships e.g. Gandhi fellowships, Young India Fellowship, Azim Premji Fellowships.

Project Group Mapping and Parents' consent

Community engagement

CUTM has been cited in the Best Practice Report of NITI Aayog as the only University with Best Practices, from the State of Odisha.

### 7.3 - Institutional Distinctiveness

#### 7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Centurion University of Technology and Management (CUTM) gains its distinctive edge by redefining, designing and delivering of education by integrating hands on knowledge, practice linked pedagogy and experiential learning in an inclusive environment with a focus in rural and remote areas. It was enacted and notified with it's mother constituent campus in Gajapati which is a Tribal district and part of aspirational districts of Govt of India. The distinctiveness evolved to integrate skills with higher education mapping to National Skill Qualification Framework (NSQF) in partnership with NSDC directly and through it's social enterprise Gram Tarang. The distinctive model of CUTM has been cited by name in the UN General Assembly debate on Right to Education acknowledged in the World Bank Report on Quality of Higher Education, prominently reflected in the

British Council Global Report on Social Enterprise and Higher Education eloquently reflected in the Best Practices Report – State Forward of NITI Ayog and published as a case study by UNESCO. CUTM has progressively succeeded to institutionalize the unique model that blends Technical Vocational Education & Training (TVET) Qualifications with Skill Development.

### 7.3.2 - Plan of action for the next academic year

#### ACADEMIC ACTION PLAN- 2021-22

We are planning to add some new programmes, such as MCA, some BSc programs. And new skills 3D game art, Yoga and Sports, life skills etc. added to the Skills basket.

Our students have lost practical courses due to the pandemic, so we plan to make up for it by practicing more particularly in our labs and field work etc.

Due to the pandemic and closure of the institutes, students had been studying from home for almost a year. So, a lot of counseling should be done for the students so that they can adapt to the university.

Placement goal would be to place at least 1200 students out of the eligible list of 2022 pass out students. Placement Training on Quantitative, Aptitude, English, mock test and mock PI will be conducted in a three week window.

Every faculty must publish in three journal articles out of which 2 must be reflected in the Scopus database and attend a minimum of 2 international/national conferences in a year.

University will take up 1000 summer interns this 2022 summer for a one month internship. All Research Center coordinators together must provide 1000 plus interns. During the internship there will be weekly reviews.