

### YEARLY STATUS REPORT - 2020-2021

| Part A   |                                |  |
|--|--------------------------------|--|
| Data of the Institution                              |                                |  |
| 1.Name of the Institution                            | UTKAL UNIVERSITY               |  |
| Name of the Head of the institution                  | Prof Sabita Acharya            |  |
| • Designation  | Vice Chancellor                |  |
| • Does the institution function from its own campus? | Yes                            |  |
| • Phone no./Alternate phone no.                      | 06742567700                    |  |
| Mobile no  | 9437015893                     |  |
| Registered e-mail                                    | vc@utkaluniversity.ac.in       |  |
| Alternate e-mail address                             | vcuu@rediffmail.com            |  |
| • City/Town  | Bhubaneswar                    |  |
| • State/UT   | Odisha                         |  |
| • Pin Code   | 751004                         |  |
| 2.Institutional status                               |                                |  |
| • University   | State                          |  |
| Type of Institution                                  | Co-education                   |  |
| • Location   | Urban                          |  |
| Name of the IQAC Co-ordinator/Director               | Prof. Pravati Kumari Mahapatra |  |

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| Phone no./Alternate phone no  | 06742548882                                      |
|---|--|
| • Mobile  | 9437281982                                       |
| IQAC e-mail address   | mahapatra.pk.zool@utkaluniversity .ac.in         |
| Alternate Email address   | iqacuu@utkaluniversity.ac.in                     |
| 3.Website address (Web link of the AQAR (Previous Academic Year)        | https://utkaluniversity.ac.in/                   |
| 4.Whether Academic Calendar prepared during the year?                   | Yes  |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://utkaluniversity.ac.in/academic-calendar/ |

#### **5.**Accreditation Details

| Cycle   | Grade | CGPA  | Year of<br>Accreditation | Validity from | Validity to |
|---------|-------|-------|--------------------------|---------------|-------------|
| Cycle 1 | B++   | 80.10 | 2003                     | 31/10/2003    | 30/10/2008  |
| Cycle 2 | A+    | 3.53  | 2016                     | 02/12/2016    | 01/12/2021  |

#### 6.Date of Establishment of IQAC

02/01/2008

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

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| Institution/ Depart ment/Faculty   | Scheme                          | Funding  | agency     | Year of award with duration | Amo    | ount     |
|--|---------------------------------|----------|------------|-----------------------------|--------|----------|
| Utkal<br>University  | Special<br>Autonomy<br>Status   | U        | €C         | 2020 ()                     |        | 0        |
| Utkal<br>University  | RUSA                            | RU       | SA         | 2019 (2 Yr                  | rs) 19 | 95149186 |
| Utkal<br>University  | WB-OHEPEE                       | World    | Bank       | 2019 (1Yr                   | 7      | 9979417  |
| Chemistry Department, Utkal University   | DST-FIST                        |          | New<br>Lhi | 2018 (182<br>days)          | 5 8    | 3059000  |
| Biotechnolog<br>Y<br>Department,<br>Utkal<br>University  | DBT-HRD<br>Support<br>Programme | _        | New<br>Lhi | 2020 (182<br>days)          | 5 3    | 1660000  |
| 8.Whether composi<br>NAAC guidelines   | ition of IQAC as pe             | r latest | Yes        |                             |        |          |
| • Upload latest IQAC   | notification of format          | ion of   | View File  | 2                           |        |          |
| 9.No. of IQAC mee  | tings held during tl            | ne year  | 3          |                             |        |          |
| <ul> <li>The minutes of IQAC meeting and<br/>compliance to the decisions have been<br/>uploaded on the institutional website.</li> <li>(Please upload, minutes of meetings and<br/>action taken report)</li> </ul> |                                 | Yes      |            |                             |        |          |
| • (Please upload action taken re   | d, minutes of meeting eport)    | s and    | View File  | 2                           |        |          |
|  | received funding fr             | -        | No         |                             |        |          |

• If yes, mention the amount

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

Online feedback system of students: Adopted by all Departments

E-resource development and upload in the website: E-contents have been added to the existing and all uploaded on the University website.

Plantation both sides of internal roads and beautification of rest of the campus including Departments: Registration has taken initiatives and are in progress.

Seminar conducted for benefit of faculty and students by IQA: (a) Safety during Covid-19 pandemic on dated 21st May 2021 and (b) Cyber safety on 2nd July 2021

Provision of funding to support publications including article processing charges in the indexed international journals by faculty members: Proposal has been approved with a provision for publication processing charges from RUSA grant

## 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                              |
|--|--|
| Uploading data for NIRF 2022<br>India Ranking  | Data Uploaded                                      |
| Application for third cycle of NNAC accreditation, preparation and uploadin of Institutional Information for Quality Assessment (IIQA) | IIQA Submitted for 3rd Cycle<br>NAAC Accreditation |
| Preparation of Self study Report (SSR) to be uploaded in NAAC portal   | In Progress  |
| Report of Energy, Water, Gender and Green Audits   | Report Prepared                                    |
| Academic Audit of all departments and programmes   | Academic Audit Completed                           |
| Administtative Audit and steps for implementation of e-office in the University  | Report Prepared                                    |

| 13. Whether the AQAR was placed before statutory body?  | Yes                |
|---|--------------------|
| Name of the statutory body  |                    |
| Name  | Date of meeting(s) |
| IQAC Committee and Syndicate, Utkal University  | 16/12/2021         |
| 14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning? | No                 |
| 15. Whether institutional data submitted to AIS   | SHE                |
| Year  | Date of Submission |
| 2020  | 31/03/2022         |
| Extende   | ed Profile         |
| 1.Programme   |                    |
| 1.1   | 114                |
| Number of programmes offered during the year:   |                    |
| 1.2   | 30                 |
| Number of departments offering academic program   | mmes               |
| 2.Student   |                    |
| 2.1   | 4501               |
| Number of students during the year  |                    |
| 2.2   | 1715               |
| Number of outgoing / final year students during the   | ne year:           |
| 2.3   | 1824               |
| Number of students appeared in the University exthe year  | amination during   |
| 2.4   | 0                  |

| Number of revaluation applications during the year  |                         |
|---|-------------------------|
| 3.Academic  |                         |
| 3.1   | 1362                    |
| Number of courses in all Programmes during the year   |                         |
| 3.2   | 179                     |
| Number of full time teachers during the year  |                         |
| 3.3   | 0                       |
| Number of sanctioned posts during the year  |                         |
| 4.Institution   |                         |
| 4.1   | 60022                   |
| Number of eligible applications received for admissions to all the Programmes during the year   |                         |
| 4.2   | 757                     |
| Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year  |                         |
| 4.3   | 108                     |
| Total number of classrooms and seminar halls  |                         |
| 4.4   | 406                     |
| Total number of computers in the campus for academic purpose  |                         |
| 4.5   | 3933.72                 |
| Total expenditure excluding salary during the year (INR in lakhs)   |                         |
| Part B  | 1                       |
| CURRICULAR ASPECTS  |                         |
| 1.1 - Curriculum Design and Development   |                         |
| 1.1.1 - Curricula developed and implemented have relevance to the levelopmental needs which is reflected in Programme outcomes (PCO) Outcomes (PSOs) and Course Outcomes (COs) of the Programmes of | Os), Programme Specific |

So far as the regional and national relevance of the Programmes and

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Courses are concerned, Indian context has served as the reference point. For instance, poverty, inequality, social exclusion, human right violation, health compromising behaviours, mental illness and the like are the important points of focus. Therefore, many of the courses are designed to highlight the art, architecture, culture, natural resources, and ideologies that constitute the pride of India. The socio-economic conditions characterising the nation have motivated the inclusion of such application based programmes as Agribusiness, Women's Studies, Social Work, Nursing, Yoga, Rural Management etc.

In terms of the demographic composition, Odisha has the third largest population of Scheduled Tribes in India. With a glorious history of multiplicity of art, language, culture, sports, religion, long coastline, the state also takes pride in being one of the information and technology hubs of the country. The Department of Ancient Indian History, Culture and Archaeology have included the Temple City of Bhubaneswar into its research focus. Similarly 'FishandFisheries Biology' feature prominently in the Zoology curriculum. The recent pandemic related causes and consequences have also found a place in curriculum revision to address the developmental needs of the humanity. Both physical and psychological parameters of health concerns in COVID-19 have been reflected in the curriculum of many Physical and Social Sciences.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

44

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

## 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

## 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

686

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| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 1.2 - Academic Flexibility

## 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

#### 165

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

## 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

42

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 1.3 - Curriculum Enrichment

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

- Utkal University strongly carries with it a mission to provide the students with the knowledge, skills, values, and sensitivity necessary for successful citizenship. To give a fillip to this mission, the university has tried to orient the curriculum with a wide range of courses that integrate crosscutting issues relevant to gender, environment and sustainability, human values, and professional ethics and try to instil these values among the students both in terms of theory and practice.
- A total no. of 126 papers of the curriculum of different departments(A&A Economics, Anthropology, AIHS and Archaeology, B.ED., Biotechnology, Botany, English, Environmental Science,

Geography, Geoinformatics Geology, History, Odia, Law, MBA in Rural Management, Philosophy, PMIR, Political Science, Psychology, Sociology, Zoology, UDPS and Women's Studies,) relate to environmental ethics, a total no. of 86 papers (Agri Management, AIHC, Anthropology, Biotechnology, Commerce, Education, MBA, IMBA, MBA in Finance, M.P.H., MSW, Law, PMIR, Psychology UDPS, MCA) pertain to professional ethics. Almost the core courses of Masters, M. Phil. and PhD. Coursework contains papers on professional ethics by offering a full paper on Philosophy and Ethics in Research. 95 papers (A&A Economics Anthropology, English, History, Odia, Law, Philosophy, Political Science, Psychology Sociology, and Women's Studies) carry with them a focus on gender ethics and human values.

- Further to translate the classroom prophecy into a programme of action, the University organizes outreach programmes like gender sensitization programmes, mental health day programmes, programmes for transgender communities, ethics for media practitioners to engage students with the issues and challenges faced by the marginalized communities of the society and to develop care and empathy towards these members of the society and try to sensitize them with their rights and mainstream them into the society. The Department of Law, the School of Women's Studies, the Rural Outreach Division, the Department of Psychology, the Department of Sociology, the Department of Political Science, the Center for Social Exclusion and Inclusion, and the NSS Unit of the University specifically take the lead in sensitizing the women and other vulnerable communities on their human rights and the laws that they can take advantage of. Similarly, the Department of Botany, Environmental Science, Zoology, Biotechnology, UDPS organise programmes on environmental awareness. The School of Women's Studies undertakes mass gender awareness programmes in its affiliated colleges for teachers, staff and students and gender budgeting workshops for in various districts of the state and the national workshops for the states of the easter and central zone to train officers, teachers, NGO functionaries on the process of gender budgeting. (Visit: https://utkaluniversity.ac.in/news-events-archive/page/2/3)
- The School of Women's Studies by signing an MoU with OXFAM,
   India was organizing a gender champion programme on the campus
   on the First Saturday of each month, bringing student
   representatives from across various departments and making
   them aware of the gender issues and the ways to tackle them.
- Professional ethics, environmental ethics and gender ethics also occupy places of centrality in various workshops and

- seminars organised by various departments (Visit: https://utkaluniversity.ac.in/news-events-archive/page/2/3).
- Further, a mega Women's Day programme and the VAW week is celebrated within the campus to bring gender sensitivity among staff, faculty and students every year(View the departmental web portal of School of Women's Studies).

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

47

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

## 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

2255

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

## 1.3.4 - Number of students undertaking field projects / research projects / internships during the year

1728

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 1.4 - Feedback System

# 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

## 1.4.2 - Feedback processes of the institution may be classified as follows

 Feedback collected, analysed and action taken and feedback available on website

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Demand Ratio

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

2186

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

## 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

696

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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

Utkal University, assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners primarily through the mentoring system which has resulted in a qualitative and supportive relationship between its faculty and students.

Mentoring in essence, is the process of overseeing effective realization of one's potential and beyond in terms of goals, skill set, practical knowledge, confidence, social and ethical values. Utkal University is highly aware of the changing priorities of the society and the associated problems and prospects that may be faced by the student-community.

The University is also aware that the students come from diverse educational, social, economic, and cultural background and creating a level playing field for each of them is of utmost importance not only for the students, but also for the overall growth of the society and the University. It is expected that by following a system of mentoring, the relationship between teachers and students will grow further, and make the students feel that they are being personally taken care of by someone even in the absence of their direct parental care.

To that end the University has designed a rigorous system of student mentoring where each of the students is assigned a Mentor (a faculty member) and the mentor keeps in touch with the student through regular meetings. This system is meant to achieve the following objectives:

- (1) a personal touch with the student to create an impression about a family bonding
- (2) continuously monitor, counsel, guide and motivate the student in all academic matters
- (3) advise the student regarding choice of electives, SWAYAM courses, projects, internship, and field study
- (4) advise students regarding their career planning and other professional guidance
- (5) advising and mentoring the student in case of any academic failure and to help them cope with the challenges

- (6) advising a student for his/her social and economic needs
- (7) intimate HoD and suggest if any administrative assistance is called for
- (8) contact parents/guardians if situation demands, like in case of academic irregularities, negative behavioral changes, interpersonal relations and detrimental activities.

Assessing Learning Levels:

The mentoring system has played a crucial role in assessing the learning levels of the students

- As mentioned above, the Departments appoint a mentor to each
  of its students. Mentors and mentees list with the details of
  the Mentor (with email id and phone number) are given to the
  mentees. The list is also displayed in the Notice boards of
  the respective departments and kept in the department web
  page.
- The level of learners is identified by the mentors following various methods including personal discussion, class room and home assignments.
- The mentor tries to devise the special classes like remedial; tutorials and proctorial for the slow learners and encourages them for classroom participation in the form of seminar presentations; group discussions, and classroom debates.
- After identifying the level of the students, the mentors counsel the slow learners to ensure their academic growth.
- The university does not let any student suffer for the reasons of economic hardships and encourages students to apply for financial aid through scholarships both at national and state level.
- For both slow and advanced learners, extra time is provided by teachers for doubt clearing and discussion.
- The Choice Based Credit System takes care of the advanced learners who can opt for higher levels of courses. Both slow and advanced learners are advised to opt for interdisciplinary courses and specialized elective courses of their choice and interest.
- Advanced learners are encouraged to undertake summer internships and interact with the corporate houses for learning the real time business skills.
- Both category of students are encouraged to participate in additional seminars, workshops, conferences and symposia conducted by other departments. However, the advanced learners

- are motivated to publish papers/book chapters.
- For enhancing the skill set of slow learners, various courses including Add-on courses, Value-added courses and Workshops are conducted.
- To encourage both types of learners, library and reading rooms remain open for 24 hours on all working days. The students are provided with uninterrupted power supply and fully air conditioned class rooms.
- Learning needs of the students are assessed by getting constant feedback from the learners and also individual needs of the students are assessed by the concerned mentors.

While the traditional one-to-one mentoring system is very much robust in the University, some departments like the Department of English has initiated a group mentoring system in the form of a 'Reading Group, ARIEL (Ardent Readers and Interpreters of English Literature)' which has been functional for the past 10 years (since November, 2012). The group, is an apt example of the continuation of mentoring system even after a student has completed his Masters in the department. The group is a healthy mix of members of faculty-current and retired—and students—old and new—of the department of English. Members meet in the Department once in every two months to discuss and debate on a particular book or film. Some members of faculty and senior teachers of the department have helped in mentoring the students as a result of which many of the student-members are now active book reviewers at the web portal, https://odishabytes.com/.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |
| Link For Additional Information     | Nil              |

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

| Number of Students | Number of Teachers |
|--------------------|--------------------|
| 1832               | 179                |

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### 2.3 - Teaching- Learning Process

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

he teaching methodology adopted by the teachers of Utkal University is primarily a student centric approach, which focuses on transforming students from passive recipients to active and involved stakeholders in the teaching-learning process. The student centric approach to teaching has led to an increase in experiential and participative learning at the University. Experiential and participative learning has helped our students to "learn by doing" and has also encouraged them to reflect on the experience. The objectives behind encouraging these new methods of learning have been:

- 1. To inculcate the habit of reflection, critical analysis and synthesis in our students
- 2. To provide opportunities for students to take initiatives, make decisions, and be accountable for the result
- 3. To provide opportunities for students to engage intellectually, creatively, emotionally and socially
- 4. To help them learn through mistakes and successes

Experiential learning: Well-planned, supervised and assessed experiential learning programmes have stimulated academic inquiry by promoting interdisciplinary learning, civic engagement, career development, cultural awareness, leadership and other professional and intellectual skills in our students.

- Most of the core courses offered by various departments of the University have either a regular laboratory or project component as part of the course requirement. Hands-onlaboratory experiments as well as the writing of a project/dissertation are some of the best examples of "learning by doing".
- Some departments have "study tours" to different places of cultural, historical, agricultural, geological, geographical, zoological, and botanical importance embedded in their course structures.
- Departments like Anthropology and AIHCA have mandatory "fieldwork" and excavations for undertaking empirical study among the various tribes and castes in the remote areas of Odisha for a minimum period of 21-30 days, part of their

- course requirement.
- Students of some departments participate in internship programmes at IIPH. RMRC and NGOs
- This apart, students are encouraged to participate in various workshops on Scientific paper writing; Software learning "R", and other hands-on-trainings, which are conducted time to time by reputed insititutes like CSIR-IMMT, DBT-ILS to name a few.

Participative learning: In addition to incorporating experiential learning methods in the teaching-learning process, members of faculty of the University take care to encourage participative learning as well. In participative learning, the focus is on the students to become actively involved in their learning process. This approach works both inside and outside the classroom:

Inside the classroom: Participative learning is encouraged inside the classroom primarily through:

- Group discussions: students are encouraged to discuss a topic in class based on a reading, video, or a problem.
- Brainstorming: Brainstorming on various social, scientific issues and problems by way of panel discussions are conducted regularly as an integral part of participatory learning.
- Group presentations: group presentations provide an opportunity for the students to learn with their peers and it encourages team work and also instil self-confidence.
- Reading Group: The Department of English has a reading group ARIEL (Ardent Readers and Interpreters of English Literature) which has encouraged students of the department to participate in book discussions with members of faculty once in every two months.

Outside the classroom: Outside the classroom participative learning takes place in the form of

- Student participation in debates and discussions over the issues of topical interest, Weekly Students' Seminar
- Enrolment of students in the learning of foreign language classes like German, French and Japanese.
- Participation in extracurricular activities such as street play, Skit, Mono acting, essay and debate competitions, Quiz competitions, drawing/painting and rangoli. 'Just a Minute' competitions are conducted for encouraging participative learning.
- Facilitating student participation in seminars/webinars,

- workshops, guest lectures, corporate talk sessions, blended learning methodology and practical assignments.
- Organizing Research Scholars conclaves at the University level for showcasing their research activities through poster presentation.
- Celebration of International commemorative days which imparts holistic awareness and development.

Problem solving methods: The most important part of a holistic learning experience is the ability to identify, analyse, interpret and solve problems. The teaching methodology adopted by members of faculty of Utkal University takes into account the importance of cultivating problem-solving skills in the students. To that end,

- Suggestions are given to improve and gain a better understanding of the concepts and Problem-solving strategies. Students are allowed to solve given problems by themselves and ask for doubts. Similar problems are given in different ways for better understanding of the students. Teachers ask questions that further encourages students' ability to interpret and analyse.
- Assignments are given and quizzes are regularly conducted to assess the preparedness of the students.
- Case Study Analysis and Discussions are encouraged
- This apart, the course requirement of writing Projects and dissertations are also important practices of cultivating problem-solving skills in the students

These practices have helped the students to bring out their hidden talents, better understanding of the subject, augment inclination towards subject and enhance active learning process.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

Information communication technologies (ICT) have transformed the teaching-learning process across the world. They are being increasingly recognized as catalysts for change especially in connection with teaching methods, learning approaches and research. Utkal University is aware of the fact that the learning approaches of the current generation students are largely inclined towards digital, web and mobile based technologies. It is worth pointing out

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that the teaching-learning process at the University was largely ICT based even prior to the pandemic, which enabled the complete shift to E-learning easier and effective. Members of faculty were able to successfully adapt to innovative digital aids to ensure quality teaching and learning during the pandemic. The University has likewise, realigned and redefined the integration of ICT in the teaching-learning process on a massive scale. Constant innovations in teaching are a matter of pride for the University faculty and many innovative teaching approaches/methods are practiced in the University.

- All Departments have classrooms equipped with LCD projectors and screens to enable teaching through power point presentations, in addition to black/white boards.
- Faculty members are provided with a personal computer/laptop, printer and scanner with internet connection.
- E-learning resources are made available for effective teaching through the online videos/study materials made by faculty members (https://vtputkal.odisha.gov.in/ and https://utkaluniversity.ac.in/e-lectures/)
- The University library is fully automated with OPAC Library Management Software which functions from cataloguing to security protocols.
- The library has subject specific databases, interactive learning software and e-learning resources for the benefit of the students and the faculty. Students are also exposed to open-source reference materials and online educative resources.
- The e-books and e journals are made available to the students and faculty members through universities IP determined access. The university library has 1,19,000 e-books, and e- journals.
- The University has a computer centre, where each computer has internet connection, to which students have free access. Computer Centre remains open from 10 AM to 6 PM on every working day. The Computer Center has 05 Servers, 40 Desktops and 02 Laptops. There are 02 L3 Switch's, Fifty-Eight L2 Switches, 30 Wi-Fi indoor and outdoor access point across the campus, Two Firewalls and Two Routers. Windows 2012 Server. The software's available at the Computer Center are Linux, window 10,8.1&7, Oracle, SPSS, Microsoft Office, Visual Studio and SQL SERVER.
- The University provide facilities to prepare computer aided teaching materials like computer lab, recording studio, audio visual aids, micro phones, LCD projectors, high resolution cameras, Scanners, and LCD televisions.

 The University has the intranet facility where besides other academic, administrative information; lectures could also be loaded, so that students have an access to them whenever required.

The University faculty members have access to SWAYAM Online courses and e PG Pathshala which hosts high quality, curriculum-based, interactive e-content for Post Graduate disciplines of social sciences, arts, fine arts and humanities, natural & mathematical sciences.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

#### 2.3.3.1 - Number of mentors

152

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### 2.4 - Teacher Profile and Quality

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

179

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

## 2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

152

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

#### 2.4.3.1 - Total experience of full-time teachers

1867

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

## 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

11

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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

Nil

## 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

45

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

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

0

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

Management Information System: Over the past few years, the use of technology has changed the way Higher Education Institutions function on a day-to-day basis. Technology has not only fostered an ambience of good governance in universities, it is also driving significant changes in the way educational institutions meet their goals and objectives. Utkal University has an efficient management information system especially in connection with Admission and Examinations. The Office of the Controller of Examinations utilizes information systems under the rubric e-Admission and UUEMS to address all matters pertaining to the two key areas of Admission and Examinations.

- 1. E-Admission: The Office of the Controller of Examinations is responsible for e-Admission which includes (i) Online Application and payment of fees for entrance examination/registration via the web portal for admission and/or examination (ii) online verification of the candidates seeking admission to various courses (iii) maintenance of total student for further use (iv) online declaration of entrance results for admission into various courses
- 2. UUEMS: Utkal University has taken a major step towards automation of its examination system especially with regard to its affiliated colleges. The Utkal University Examination Management System (UUEMS) has been created with the objective to assist its affiliated colleges to monitor examination schedules, to stay informed about important announcements in connection with examinations through an online platform. UUEMS is used by the University to declare results of all undergraduate semester exams, and also makes provision for the availability of various download-able forms for grievances and all issues related to results, certificates and marksheets. Each affiliated college is provided with a unique user i.d and password to access specific information concerning examinations, results and certificates for their respective students. This apart, UUEMS is also responsible for On Time Graduation Report (OTG) monitoring which provides an abstract of the number of students taking admission in the 1st semester of each year in different streams and the pass percentage of students for a particular year. UUEMS has helped the University move away from paper-based forms and manual methods in managing information regarding examinations and results and maintaining these records in a digital format.

- 3. In addition to these the official website of the University https://utkaluniversity.ac.in/ is a fine example of one of the biggest data management systems currently being used by the University. The website is a storehouse of information about the University in totality.
- 4. E-Office: On the anvil, however, are other initiatives like the setting up of an e-Office as part of its green initiative and to convert most or all office communications to electronic form. The e-office with its integrated file and records management system would allow employees to manage content, search for data internally and collaborate. It would also help in the electronic tracking of files, and to archive and retrieve data whenever needed.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

B. Only student registration, Hall ticket issue & Result Processing

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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 past few years have witnessed a major shift in the higher education landscape where universities are seen to be increasingly aligning their goals with that of the government and businesses in order to produce employable graduates and contribute to national prosperity. Utkal University is aware of this shift and is committed to enhance generic graduate capabilities as well as the disciplinary expertise of our students.

The learning outcomes (generic and programme specific) of all programmes of the University are reflected in the Graduate Attributes of the University. Graduate Attributes are skills,

knowledge, attitudes and values that are distinguished from the disciplinary expertise associated more generally with higher education, but which make a contribution to the profession.

Utkal University has an orientating framework of educational outcomes in place which takes into account graduate attributes which are broader and more encompassing than mere "employability", and helps in developing academic, citizenship and career competencies. One of the driving impulses behind this framework was the idea that students should possess the knowledge, skills, and values to enable them to cope with dynamic employment opportunities, but at the same time they must also understand through the benefits and constraints of their disciplinary perspectives, who they are and their role as active citizens in the emerging knowledge economy. To that end, some common graduate attributes identified by the University community and highlighted in the framework of educational outcomes of the University include the following:

- Critical thinking skills, such as intellectual curiosity, analytical reasoning, problem-solving and reflective judgement
- Research and inquiry skills
- Effective communication
- Leadership and teamwork skills
- Information and digital literacy
- Understanding diversity, regional, national and global perspectives
- Personal attributes such as self-awareness, self-confidence, personal autonomy/self-reliance, flexibility and creativity
- Personal values such as ethical, moral and social responsibility, integrity and cross-cultural awareness

Graduate attributes can be best realized through an outcome-based teaching learning process. Currently, all the programmes of Utkal University have the generic Programme Objectives (PO) which ensure the attainment of the above-outlined graduate attributes. The programmes also have Programme Specific Outcomes (PSO) which address the programme specific requirements. The PSOs are formulated by a team of senior faculty members of the programme during the curriculum design stage itself. The PSOs are approved by the respective Board of Studies (BoS) after due deliberation.

At the course level, all courses of the programme have well-defined

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set of course objectives and outcomes. The course outcomes are formulated during the syllabus design stage by members of faculty and later deliberated and approved by the Board of Studies. The course objectives and outcomes are planned and designed so as to cover the entire syllabus and the designated and allied competencies. Based on the specific requirements of courses the number of course outcomes vary.

All the methods used for evaluating the student performance, including assignments, quizzes, individual questions of continuous assessment tests, projects, field work, internships, and final examinations are mapped to Specific Course Outcomes. This enables the precise quantitative valuation of attainment of course outcomes based on students' performance.

#### Publicizing PO, PSO & Cos

- The POs and PSOs of all programmes are published in the website of the University on the webpages of the various departments/centres
- The POs and the PSOs are made clear to all the students at the time admission during the orientation programme
- All course teachers make the course objectives, course outcomes and evaluation pattern clear to the students in the very first class of the course

Thus, the University has in place a well-defined POs and PSOs for all programmes and Cos for all the courses. These details are published in the University website and are integrated with the teaching-learning and evaluation system of the institution.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

The attainment of Programme Outcomes, Programme Specific Outcomes and Course Outcomes is calculated through Programme and course-related assessments. The assessment process uses both direct and indirect methods to measure the attainment of each outcome. The Direct and Indirect methods used in the assessment are as follows:

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#### 1. Direct attainment is calculated through

- Examinations results
- Assignments and quiz
- Projects, Field work
- Internships and Placements
- Students co/extracurricular achievements
- Awards, Fellowships, Scholarships for students
- Academic progression to national and international institutes of repute

#### 1. Indirect Assessment

A formal student feedback is obtained manually/online every year which also has a course survey embedded in it. This survey generates formal feedback from students for the courses offered in a semester and provide objective information to the faculty for self-appraisal, self-improvement and development.

By undertaking Course Assessment at the end of each course, and finding out the strengths and shortfalls of the learning taken place, necessary changes in the Teaching-Learning process, Course Content etc. are proposed by the course committee. These are taken into consideration whenever this course is offered in subsequent semesters.

Most of the programmes/courses offered by the University are designed with outcomes focussed on students' gaining in-depth knowledge in the field with possible interdisciplinary/transdisciplinary or cross domain perspectives and capacity building for creativity, innovation, skill enhancement and employability. The focus is also to improve the analytical and problem-solving competencies, decision-making capabilities by utilizing personal/IT skills

Apart from the traditional Humanities, Science, Social Science & Management courses, Professional courses/self-financed courses have been designed to encourage job/entrepreneurial capabilities, together with inculcating integrity, honesty, cross cultural understanding of diversity through values of inclusion, responsibility and ethics. These play a critical role in producing a good human being who is committed to the community, society, environment with a commitment to Nation building.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### 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

1715

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 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)

https://utkaluniversity.ac.in/satisfaction-survey-21-22/

#### 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
- (a) IQAC: The University has an internal quality assurance cell to regularly monitor different activities related to academics, resource development and other relevant issues; find out the shortcomings and advice to improve it further.
- (b) DRC: Every postgraduate department has their own departmental research committee comprising internal and external experts covering various domains of the subject. The committee monitors the research activities of PhD scholars and postdoctoral fellows .
- (c) URC: University research committee is the highest advisory authority chaired by the vice-chancellor and involving internal and external experts from all the departments to find out research policies, outcomes, issues that needed to be looked after.
- (d) ANIMAL ETHICS COMMITTEE: The studies involving use of animal models are followed according to the national guidelines framed by

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"The Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)".

- (e) CIF: The university has a central instrumentation facility that houses advance laboratory set up, high end equipments. The CIF is also accessible for external users on a minimal charge basis.
- (f) PLAGIARISM CHECK: Research misconductsare rigorously checked. University has software to check plagiarism to check originality of the articles.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

18

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

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

10

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

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

191

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

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 | <u>View File</u> |

## 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

7

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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)

599.825

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

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

173.96

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

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

26

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 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

Utkal University has developed a dynamic research ecosystem involving interdisciplinary research of both fundamental and translational potential. As a part of Institutional development programme (IDP) university has proposed for the establishment of different centre of excellences and centre for innovation and incubation for holistic/inclusive research, growth and development.

Utkal University has set up a 'Centre for Innovation and Incubation' (CII) for promotion of startups and creating a dynamic ecosystem for entrepreneurship development and innovation. The CII business incubator that is operational since 2021 comes under Utkal Entrepreneurship and Career Hub (UECH), supported by the RUSA Ministry of HRD, Govt. of India, New Delhi.

The CII offers services to the budding start-ups ranging from pre incubation, incubation, acceleration, co-working spaces, seed funding, advisory support, mentoring support, market linkage, training and handholding. Thrust areas for CII are Agriculture, Food Processing, and allied sectors, including science based innovative ideas those have commercial/translational potential.

Presently, we have boarded 18 startups under our Udyam Incubation Program. CII-Utkal has also on boarded 6 student startups from different Departments of Utkal University. CII-Utkal has forged collaborations with more than 15 private and government institutions for promoting and nurturing startups of different domains. In past two years, the CII of Utkal University has organized several networking programmes to link with people from different stratas of society

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

293

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

116

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

- 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

11

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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, bioethics etc)
  - 3. Plagiarism check

A. All of the above

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#### 4. Research Advisory Committee

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

# 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

B. Any 3 of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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

1

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 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

118

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

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

2

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| 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

96

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 3.4.7 - E-content is developed by teachers For e- B. Any 4 of the above PG-Pathshala For CEC (Under Graduate) For **SWAYAM For other MOOCs platform For** NPTEL/NMEICT/any other Government **Initiatives For Institutional LMS**

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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 |
|--------|----------------|
| 262    | 138            |

| File Description                                  | Documents        |
|---|------------------|
| Any additional information                        | No File Uploaded |
| Bibliometrics of the publications during the year | <u>View File</u> |

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

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| Scopus | Web of Science |
|--------|----------------|
| 50     | 48             |

| File Description   | Documents        |
|--|------------------|
| Bibliometrics of publications<br>based on Scopus/ Web of Science<br>- h-index of the Institution | <u>View File</u> |
| Any additional information   | No File Uploaded |

#### 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

Utkal University has a policy to encourage consultancy services that can benefit the institutions through engagements with industries, entrepreneurs, public sector organizations, Government bodies and areas of professional service. There is provision for involving all the Departments, Centres of Excellence (CoEs), Special Project vehicles (SPVs), full-time and part-time members of staff. Typically the work is initiated/co-initiated by and confidential to the contracting party, which owns the outputs including any IP generated.

Under the sponsorship of RUSA 2.0 (Ministry of Education, GoI),
Utkal University, Bhubaneswar, Odisha has set up a business
incubator under Utkal Entrepreneurship and Career hub, christened as
'Centre for Innovation and Incubation' (CII) for promotion of
startups and creating a thriving ecosystem for entrepreneurship
development and innovation. The Centre for Agri Management (CAM) has
been designated as the partner institution of this SPV. Centre for
Innovation & Incubation (CII - Utkal) located in the University
campus has started its operation from 2021. CII has been envisaged
to offer a host of services to the budding start-ups ranging from
pre incubation, incubation, acceleration, co-working spaces, seed
funding, advisory support, mentoring support, market linkage,
training and hand holding

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

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

15000

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 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

Department of Department of SWS(School of Women's Studies) has drives the programme through gender Champion and Gender sensitization 1) Gender Champion: In order to promote gender equality, guaranteed by the Indian Constitution, it is needed to change the mode of interaction at all levels - home, school, and workplace and so on. To increase the outreach for creating an environment that fosters equal treatment, Government of India envisages engagement of Gender Champions in all Universities and colleges across the country. Gender Champions are envisaged as responsible leaders who will facilitate an enabling environment within their academic institutions where girls are treated with dignity and respect. 2) Gender Sensitization: The programme schedule and session transaction procedure along with topic have been clearly furnished by the WCD Department. Under this circumstances SWS took responsibility in selecting the colleges and conducting the programmes with support of resource persons. Each one day programme aimed at to sensitize 100 students and 20 staff members. NSS UTKAL UNIVERSITY has number of visionary programmes and activities. Department of CHEMISTRY has conducted Awarnessprogramme on Detection of food contaminants organized by Department of Chemistry On 29th Dec. 2021

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

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#### Government / Government recognised bodies during the year

6

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

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)

20

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

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

722

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 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

47

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
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# 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

10

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 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.

The campus is spread over an area of 400 acres with street lights, high-powered LED lights and mercury lamps . University has tried to maintain the academic environment through greenery around the campus. The university is supported with 86 class rooms and 22 seminar halls, 58no of Laborotories, 177 faculty rooms 27 research scholars room, 42 toilets 11 common space and 30 well furnished libraries. Classrooms: Utkal University has 86 classrooms having smart projectors, wifi connectivity and equipped with smart board as well as the traditional white and black board. This facilitates multimedia presentation and which makes teaching and research effective and learning convenient for the students. Teaching and Research Laboratories: Utkal University is very well equipped with laboratory facilities in addition to these laboratories, the University has 22 seminar halls, 27 research scholars' room, 177 faculty rooms and 30 well stocked departmental and university libraries to cater to the different requirements of the teachinglearning process. Computing Equipment: The University Computer Center oversees the design and maintenance of the ICT infrastructure at the University and helps in the daily maintenance of a fully wifi enabled campus. It is responsible for maintaining the National Knowledge Network (NKN) across the campus.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

To promote the interest of students in sports the University has developed a sports complex named Biju Patnaik Sports Complex. The sports complex has facilities for both indoor and outdoor games. In the sports complex 15 acres of land (52,525sqmtr) has been allotted exclusively for outdoor games. It consists of a Basketball Court (39mtr × 26mtr), Kho-Kho/ Kabadi Complex (50mtr × 50 mtr). For indoor games it has one wooden Badminton Court (20 mtr ×12 mtr), one Gymnasium Hall (16 mtrs × 10 mtrs). The University organizes different inter university as well as intra university sports and cultural events for enhancing the talent of youth. To accommodate the participants of the event the University has six big halls furnished with Bed and Mats for boys and special hostel facilities for girls. One changing room (5 mtrs × 12mtrs) is also available in the sports complex for the players. Students have participated and bagged 31 prizes during the past 5 years under different inter university competitions. This apart, the University has a fully air conditioned, 500 seating auditorium which goes by the name of MKCG Auditorium. The University also has a specially constructed Convocation Hall, Dharmapada to confer degrees and awards to students and scholars.

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

Every attempt is made by the University to ensure that all students find Utkal University a lively and resourceful community to enrich their stay at the University. Some of the major general campus facilities that are available and aid in providing a good ambience for an enjoyable learning experience at Utkal University are listed below:

- Self-sufficient campus with all amenities
- Sufficient number of hostels for girls and boys (7 ladies and 7 gents hostels)
- 1 canteen in the vicinity to provide easy access to food and

#### refreshments

- Well established WiFi connectivity in the campus for easy access to academic and research needs
- CCTV cameras in strategic locations of the campus to ensure safety of students and faculty members
- 24x7 male security personnel at all vital points
- Health centre to provide health care facility for students
- Banks and ATM facilities
- Guesthouse for the convenience of visiting faculty
- Gymnasium for students with state-of-the-art equipment
- Post office
- 2 market complexes to meet day-to-day needs
- The University has well established waste management system for collection, segregation and disposal along with manure composting facility

A police outpost to ensure safety of students and campus residents

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

3933

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | <u>View File</u> |

#### 4.2 - Library as a Learning Resource

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

Parija Library is the Central Library of Utkal University, Vanivihar has implemented the integrated library management system through E-granthalaya (a module of NIC, Govt. of India) for which all the physical copies and submitted Ph.D thesis have been uploaded to Inflibnet through the 3rd party agency, ProQuest, since 2017. Currently 4861 numbers of thesis as well as physical books have been tagged with RFID. The OPAC, the integrated system currently running with Parija Library is aslo integrated with the University website having URL www.utkaluniversity.ac.in. / Parija Library. Recently in

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the academic year 2020-21 Parija Library has initiated the process to procure E-books from the reputed international publishing houses. In the process four international publishing houses have been selected by Library Committee and procured -no of E-books.

| File Description                    | Documents        |
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#### 4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals ebooks e-ShodhSindhu Shodhganga Databases

B. Any 3 of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

#### 213.34

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
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## 4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

#### 1654

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### 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

445

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

Utkal University's Computing Facilities are related to symbolic computations, communications and network access, but not limited to, e-mail and Internet access. Computer Centre (CC) provides these services to facilitate the research, education and administrative efforts of its members and staff. To this end the Computer Centre (CC) provides support in networking and information resources for its teaching as well as administrative community. The Computer Centre undertakes security and monitoring measures to preserve the integrity and performance of its networking and computing resources. Since 1971, an IBM 1130 computer was commissioned inside the premises of P.G. Department of Physics, marking the establishment of the Computer Centre of Utkal University. The above computer was one out of eleven such systems installed in the country at that time. Besides meeting the academic use all over the state, the computing facilities have also been used for nonacademic purposes by the Orissa State Electricity Board, Rourkela Steel Plant, FCI Talcher Heavy Water Project, Talcher and CRESSIDA etc.

Use of any UTKAL UNIVERSITY technology resource can be made by authorised persons as long as this usage is in compliance with University IT policy and all local, state and central government laws governing telecommunication. Failure to comply may result in the closure of an account, with further discretionary action taken by the Vice-Chancellor of the University, if necessary. In order to protect the integrity of the UTKAL UNIVERSITY communications network and its systems, any proof of unauthorized or illegal use of any UTKAL UNIVERSITY network device and/or computer and/or its accounts can warrant an investigation. Users may voluntarily cooperate with the Computer Centre staff in such investigations. If necessary, User's files, accounts and/or systems will be investigated only by a person, persons or a committee designated for each case separately by the Vice Chancellor of UTKAL UNIVERSITY.

The University Computer Centre gets 13 Lacs Indian Rupees in each financial year and gets approval as a part of the annual budget of the University. These funds are generally utilised towards the maintenance of the Campus Network, spanning over Departments, 3

administrative buildings and 14 residential hostels. Recently, University has got the Wi-Fi Network as a part of the Edurom Project of ERNET, India. As a result the University established a Wi-Fi Network throughout the Campus to facilitate the students and faculty members in terms of internet access from everywhere. During the project implementation of ERNET-India, University has commissioned 442 nos of wireless access points installed at different premises of the University and different locations in the campus. Four Cisco Server were also installed at the computer centre along with one IPS and one ASA as part of that project.

| File Description                    | Documents        |
|-------------------------------------|------------------|
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#### 4.3.3 - Student - Computer ratio during the year

| Number of students | Number of Computers available to students for academic purposes |
|--------------------|---|
| 4501               | 406   |

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

• ?1 GBPS

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

## 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

B. Any 3 of the above

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |
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#### 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

3933

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
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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.

Utkal University has a set of established procedures and policies for maintaining and utilizing physical and academic support facilities like library, sports complex, classrooms, computers, guest house, auditorium and conference halls by the University Community. The facilities are available for use at any time of the year and maintenance work is usually carried out on a priority basis. However, the University ensures optimal allocation and utilization of available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose. The overall maintenance of the above-mentioned properties of the University, including classrooms and laboratories are executed by the University Engineer and the Development Officer (DO). The work of the University Engineer and the DO is to look after the repair and maintenance of the University buildings on the basis of allocation of funds for maintenance.

- 1. Library: The central library of Utkal University known as Parija Library is a 40-year-old institution. It has been fully modernized with computers and internet connectivity and is equipped with CCTV surveillance. This apart, an e-library employing state-of-the-art technology has been set up. For maintenance of Parija Library infra-structure and facilities the library committee and administration have been given the responsibility to purchase and procure books, manuscripts and other materials as per the recommendations received from individual departments of the University. It must be pointed out that the departments themselves have a good stock of books and reference material in the departmental libraries which are looked after by student representatives. To ensure return of books at the central library, "no dues" certificate from the library is mandatory for students before the issue of CLC and migration certificate. Other issues such as weeding out of old titles, schedule of issue/return of books etc. are chalked out/resolved by the library committee.
- 2. Sports Facilities: The Sports Council of Utkal University established in 1943 looks after upkeep of sports facilities in

the University like the gymnasium, badminton and basketball court and a well-equipped stadium to name a few. The main aim of the Council is to initiate, coordinate, execute and manage various kinds of sports activities including Adventure Sports and other such programmes to promote general interest in games and sports among the students of the University. This improves the standard of competitive sports and games in the University and also among its affiliated colleges and institutions. The Council also deputes teams for participation in different Inter Universities Tournaments organized by AIU, New Delhi.

Computer Center: The University Computer Center oversees the design and maintenance of the ICT infrastructure at the University and helps in the daily maintenance of a fully wi-fi enabled campus. It is responsible for maintaining the National Knowledge Network (NKN) across the campus comprising five servers, two firewalls and more than 30 wi-fi indoor and outdoor access points across the campus. This apart, the University Computer Center is actively associated with the Library Automation and maintenance of the University central library database.

| File Description                    | Documents        |
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#### 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)

1753

| File Description                    | Documents        |
|-------------------------------------|------------------|
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## 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

389

| File Description                    | Documents        |
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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        |
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5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging 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

• Any 3 of the above

| File Description                    | Documents        |
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#### **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

156

| File Description                    | Documents        |
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#### 5.2.2 - Total number of placement of outgoing students during the year

#### 171

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

#### 196

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#### 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

#### 47

| File Description                    | Documents        |
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#### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Students' Union Elections were last held during 2016 - 2017 academic session. Thereafter, constitution of a Students' Council (or Students' Union, as it is referred to in our state) has been banned in the state by the Department of Higher Education, Government of Odisha owing to large scale students' unrest following infighting

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among various groups, natural calamities and, last but not least, the prevailing Covid-19 pandemic . Hence, there is no elected body at the University level. However, each constituent department has 2 nominated representatives for each batch (4 representatives per department at least) who lend a supportive hand to the extracurricular activities of the department round the year. Be it celebration of national or international events, or celebration of different Pujas such as Ganesh Chaturthi, Navaratri, Basanta Panchami etc or organisation of field trips and visits for the batches, observation of annual days of the departments, these representatives play a pivotal role. They also help the authorities in finalising the schedule of examinations ensuring that the students do not miss out on examinations beyond the university, may be for a fellowship, or for higher studies or for a placement. These students, who are the natural leaders, also lend a hand in the smooth functioning of the university too. They act as student volunteers in all the university level events such as the University Foundation Day, Convocation, and Research Conclaves etc. During 2018 and 2019, when the University celebrated its Platinum Jubilee, completing 75 years of its establishment, these student leaders took the initiative in the celebrations. Their cooperation and support has been praiseworthy in all these occasions. They also act as the bridge between the students and the administration in bringing the relevant issues of the students before the authorities and in arriving at a solution at the earliest.

| File Description                    | Documents        |
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## **5.3.3** - Number of sports and cultural events / competitions organised by the institution during the year

81

| File Description                    | Documents        |
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#### 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

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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

Utkal University since its establishment in the year 1943 has produced numerous students who have constituted the alumni database. Each of the regular PG teaching departments has its old students' association (alumni association), some are registered and some are not. These associations used to meet at least once a year to help the departments conduct various activities, i.e. Blood Donation Camp, Organ Donation Camp, Tobacco Free Campaign, Green and Clean Campus Drive (Swachha Bharat Abhijan) etc involving their existing students, besides promoting their career through competitions such as Debate, Essay, Quiz, Music, Dance, Art etc. The micro level organizations still exist and make their presence felt, even though a macro level alumni association has been formed and registered since 2020 (Regn. No. 216/18202000024 of 2020 - 22). It could all happen during the celebration of Platinum Jubilee of the University in November, 2019 when the seed of formation of an Alumni Association encompassing the students across all the departments and batches was sown. Soon after the Platinum Jubilee, steps were initiated and finally the Association under the name and style "Alumni Association - Utkal University" was registered by the Registrar of the Societies, Cuttack in August, 2020 with Shri B. K. Patnaik, IAS and former Chief Secretary of the Govt. of Odisha at its helm (first President) and Prof. Asoka Kumar Das, a former distinguished Scientist of BARC and former Vice Chancellor of the Utkal University as its first General Secretary. The Association has opened an account in the SBI located inside the campus. A website, namely, www.utkalalumni.in has been inaugurated by the Hon'ble Governor of Odisha and Chancellor of Utkal University Prof. Ganeshi Lal Ji from the premises of Odisha Raj Bhavan on16th of February, 2021. With the logistic support and cooperation from the University, the Association, with a view to carrying forward it's activities, has formed 7 committees as follows:

- Membership Enrolment
- Office Management
- Academics, Research and Innovation
- Career counselling and Industry Connect
- Sustainability and Green Campus
- Governance including e-Governance
- Projects and Finance

Each committee has a designated convenor and members. The committees are determined to serve the University to the best of their abilities.

While membership drive is making a steady headway in terms of no. of registrations, other activities are being carried out at regular interval of time. Some of the activities are outlined below:

- Foundation Day of the University was observed on 26.11.2020 by holding a webinar entitled "What can I do for my University" which was well attended by eminent alumni.
- On 30.01.2021, "Zero single use plastic campaign" was successfully implemented.
- First Lecture under "Meet the Alumni" program was conducted on 03. 06.2021. Shri Haroon Rashid Khan, former Deputy Governor, RBI spoke on his success story.
- Prof. Bhanu Prakash Jena, an internationally reputed Cell Biologist from the USA, was the speaker under "Meet the Alumni' program on 12.06.2021. It was the Second Lecture in the series.
- On 07.07.2021, the Association undertook plantation program inside the campus on the occasion of "Van Mahostav".
- Dr. Mrutyunjay Mohapatra, DG, IMD, Govt. of India and popularly known as "the cyclone man" stole the show by his lecture on 31.07.2021 under "Meet the Alumni" (Third Lecture).
- The Fourth Lecture in the series was addressed on 24.08.2021 by Prof. Ajay Mohanty, Director, Deloite Service, USA.
- Dr. Sarat Acharya, former CMD, NLC, Ltd was the centre of attraction on the Fifth Lecture under "Meet the Alumni" conducted on 29.09.2021.
- Eminent Literateur and Kendra Sahitya Academy Awardee Prof. Yashodhara Mishra presented the Sixth Lecture in the series on 30.10.2021.
- On 30.11.2021, the Seventh Lecture was delivered by Dr. Satyajit Mohanty, IPS, the Chairman, OPSC and former DGP and DG, Fire Services on "My Life's Journey, not a destination".
- Padmashree Dr. Aruna Mohanty, an acclaimed Odissi Dancer and Choreographer gave the Eighth Lecture in the series on 22.12.2021. Students participated and interacted in large number.
- In addition to the above events, a session on opportunities in Banking, Insurance and Finance and mentoring sessions with Pol. Sc. students were organized.

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### 5.4.2 - Alumni contribution during the year (INR in Lakhs)

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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

Utkal University was set up in the year 1943 as State Govt. University and was recognised by UGC (2f & 12B)has setup few Centres of Excellence with the funding from RUSA.

VISION: The vision of the university is to be a centre of excellence in higher education with focus on innovative teaching, learning, research, consultancy, and extension activities in building a creative, enlightened and productive civil society and to scale new heights with every generation of students and teachers.

#### MISSION:

- To provide the students with knowledge, skill, values and sensitivity necessary for a successful citizen.
- To create and disseminate knowledge through interdisciplinary research and creative inquiry in developing a meaningful and sustainable society.
- To equip the students with problem solving, leadership and teamwork skills and inculcating a sense of commitment to quality, ethical behaviour and respect for others.
- To provide a platform for free flow of ideas where discovery, creativity and professional development finds a scope for fulfilment in making the world a better place to live in.
- To ensure academic excellence in this dynamic knowledge economy by exposing the students to new ideas, new ways of understanding, new ways of learning in their journey of intellectual transformation

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

As per the Act and Statute, the day-to-day governance of the University is carried out in the name of the Chancellor of the University.

The Senate, Syndicate and the Academic Council are the highest bodies responsible for the formulation and implementation of policies. The other important bodies include College Development Council (CDC) and Post Graduate Council.

- Vice-Chancellor is the Chief Executive Officer of the University and functions in accordance with the provisions of Orissa Universities Act, 1989 with subsequent modifications. In interacting with its stakeholders the Vice-Chancellor holds meetings periodically
- with Administrative Officers to review the progress;
- with the Heads of Departments and Deans of Faculties periodically;
- with students and other stakeholders like employee and teachers associations more frequently to remove the academic and administrative hurdles; and
- With the Residence Council regarding issues connected with hostels.
- The P.G. Council and the Departmental Teacher's Council constantly interact with the teachers. The PG council works through a number of committees that facilitates and monitors all aspects of student activities.
- The warden and the Hostel Superintendents work through a Residence Council towards alleviating students problems.
- The Director, CDC interacts with affiliated colleges through local enquiry committees, visits and Principal's conferences.

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#### **6.2 - Strategy Development and Deployment**

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

The University has a well-drafted perspective plan for its development and continuous academic growth as per mandate given to it. The University has developed the following set of plans for its well-targeted and expected growth and development:

- Short term plan for 03 years
- Midterm plan for 03 to 05 years; and
- Strategic plan beyond 05 years

These strategic plans are developed in line with the vision and mission, which looks after the infrastructural requirements and its suitable development as per the need of the University. Besides, there is another statutory body known as the Finance Committee, which decides about the University's capital expenditure for the long term growth, development, and maintenance of the available facilities across the campus. As per the Utkal University Act, several statutory bodies have been created, which are responsible for drafting road map for the overall prospective growth of the University. The University has implemented a well defined strategic planning for its overall academic growth and achieving excellence in various fields of Higher Education in the state of Odisha and also in India.

BARC- UU Outreach Programme

Centre of Excellence created under RUSA and World Bank

UECH and CII created under RUSA 2.0

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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.

The functioning of the University has been clearly stated in the 1st Statute of University and its subsequent amendments. The appointments teachers and other non-teaching staff were made as per the procedures laid down in the statute. Now the appointment of teachers is done through the Odisha Public Services Commission as per the New Statute of 2020. The selections of non-teaching post are done through the Staff Selection Commission. The University follows the service rules (manual) of the State Government. By adhering to

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the provisions of the Statute, the University is functioning smoothly.

These are some of the highlights as cited below:

- 1. Syndicate of Utkal University:
- (a) It is the major policy formulation, assessment and amending body of the University.
- (b) Taking care of the physical infrastructure of the University and finances.
- (c) Formulating yardsticks for creation of different posts and managing promotion aspects of it.
- (d) Induction and assessment of affiliated colleges / institutions of the University and dispensing standing orders for any imminent necessity towards change of regulation.
- (e) Taking cognizance of any misconduct from any aspect and managing inspection of colleges / institutions.
- (f) To enter into agreement with government or any other management for academic collaboration or any other purposes deemed necessary and,
- (g) With a properly defined quorum to decide on any aspect of University regular matter / proceedings and may delegate powers of it to any committee whenever required.
- 2. Academic Council of the University:
- (a) It gives proposal to the Syndicate for academic development and innovation in learning process, establishment of specialized institutions, centers and laboratories etc.
- (b) Formulation and modification of schemes for developments of teaching and framing regulations on academic matters and setting agendas for it.
- (c) Forming subject expert committees and taking care of elevating overall learning and research sphere of the University.
- 3. Board of Studies:

- (a) It is the recommending body for creation of text books, preparing syllabi for the University and Department(s) course of studies and revising it at regular intervals.
- (b) The BoS also recommends eligible persons fit for preparation of examination question papers and examiners for PG and PhD courses for the University.
- (c) In addition, the BoS takes care of the diverse aspects of academic calendar of the University and maintains synchronization between departments towards fulfillment of research procedures and progress.
- 4. The Post Graduate Council:
- (a) It is the apex member's body of all the Heads of the Departments headed by a Chairman which determines the general policy with regard to the Post-Graduate studies and research.
- (b) The PGC determines principles and dispensation of fellowships and maintains students discipline and welfare.
- (c) It also takes care of publication of magazines and prospectus, decides principles for selection of students for admission into different courses as advised by the Academic Council.
- (d) The Council promotes inter- disciplinary and inter- faculty collaborations and enforces the guidelines of UGC on subjects of work and responsibility of teachers.
- (e) It also functions on some additional assignments given to it by the Syndicate or the Academic Council from time to time on matters related to academic progress and discipline of the University.

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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 | A. All of the above following areas of operation

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support

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#### 4. Examination

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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

As per the provisions of the Statute, Confidential Report for Teachers of the Utkal University is adopted for appraisal of the teachers. Similarly, CCR method is also designed for the non-teaching staff. The University has a well established promotional system for both the teaching and non-teaching staff. The CAS for Teachers is framed as per the recommendations of the UGC. Through DPC, the non-teaching staffs are getting promotion. Promotion was given almost in time.

The University has a long list of welfare measures for both teaching and non-teaching staff. The university ensures that the teaching and non-teaching staff gets the best of the working environment on the campus as part of hygiene factors for keeping their motivational level high. All faculty members are provided with the necessary facilities, such as individual chambers with Air Conditioners and sufficient good quality furniture. Computers (either Desktop or Laptops) were provided to the teachers for their teaching and research programmes.

All teaching and non-teaching staff of the university is covered with group insurance scheme. All the employees of the University are given coverage under GPF / CPF / EPF schemes as a social security measure. Apart from that, all the employees are covered under either Family Pension Scheme (old) or New Pension Scheme. Gratuity and Leave encashment provisions are there as per Government notification from time to time. The teachers of the University are given travel grants to attend conferences and also provided with seed money for conduct of research. The young teachers are also funded through research grants from Government and other funding agencies. Faculty incentive for research publications and innovations are also provided under RUSA 2.0.

The employees including their families and retired employees can avail free health treatment facility at the University Health Centre

located in the campus. In case of critical illness, the patients can be treated in specialized hospitals at University's cost.

Vaccination and other health drives were also conducted by the Health Centre. Super-specialist doctors are visiting the Health Centre on certain weekly days.

The University has its own guest house in the campus having adequate facilities like conference room, kitchen and air-conditioned single and double rooms with parking facilities. The campus is laced with 24 hours of water and electricity supply supported by its own pump house and water tower. To maintain a clean and green campus, three numbers of bio-digesters with the support of BARC has been installed five years before.

The University Non-Teaching Cooperative Society (Thrifts Society) is in existence for more than thirty years. Employees of the University may avail of a loan facility from the Society at the time of need. The University also has a 'Faculty Club' for recreation and a 'Shradha Mandap' for the use of the employees in different occasions. The campus has a well developed internal road structure fitted with street lights. The University maintains a school for standard one to ten for the children of the employees residing in the campus. There are two banks (SBI and Canara Bank) with ATM facilities and one Post Office is also there in the campus. Two numbers of small market complexes are there in the campus to cater to the day to day needs of the campus residents.

For benefit of the students and the residents in the campus; the University houses 14 numbers of hostels (07 each for gents and ladies). An outdoor stadium having facilities of playground for playing football, cricket and basketball is encircled by a walking path. In addition to this, an indoor stadium is made functional with facilities of the badminton court, table tennis court, yoga, and other sports amenities including separate gymnasiums for male and female. The University offers residential accommodation for the teaching and non-teaching staff in the campus.

The campus boasts of an amusement park (Gandhi Sthala) for the students and staff members. Further, a rock garden is developed in the premises of Geology Department with corporate support. In addition, a Living Lab is maintained by the Centre for Agri-Management in the campus.

All the buildings in the campus are having ramps to be used by the physically challenged persons. A battery operated vehicle is in operation for these people. In the University Library, a separate

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#### facility / section is created for them

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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

2

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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

11

| File Description                    | Documents        |
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## 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)

142

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload the data template            | <u>View File</u> |
| Upload relevant supporting document | No File Uploaded |

#### 6.4 - Financial Management and Resource Mobilization

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

The University receives the routine grants for salary & pension, infrastructure development and maintenance as per the provision made in the budget of state government. However, the University remained fortunate to avail a handsome grant given under RUSA. The University

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has also got some financial assistance from various funding agencies including corporate houses for different development programmes. In the span of last five years, several departments have received DAS-SAP and DST-FIST grants. The university has well established self-financing programmes offered by various Departments to generate internal funds which are mostly used for maintenance of the infrastructure and facilities.

In addition, University is collecting different types of development fees from the students once at the time of admission. They are (i) Department Development Fee of Rs. 700/- (ii) Laboratory Development Fee of Rs. 2500 / 1500/- and (iii) Development Fees for Computational Facilities is Rs. 50/-. The University also collects Rs. 500/- as preservation fee for safekeeping of old certificates.

A corpus fund for the University has been created through endowments / donations provided by some generous individuals for instituting medals and prizes out of the interest money of such deposits.

The Alumni Association of the University has contributed financially and otherwise for the development of the institution. Plans are also envisioned by the association to contribute more in helping the University in future.

Being an affiliating university, it also collects prescribed affiliation fees from affiliated institutes. Adding to above examination fees and interest on fixed deposits of the surplus fund are also sources of fund mobilization. The Fund mobilized through fee receipts and other resources are used very thoughtfully and judiciously for the purpose for which they are meant as per the decision of syndicate and finance committee.

The University is receiving grants from UGC and MHRD (Ministry of Education, GOI) through PFMS. Convergence approach for schemes like RUSA and World Bank programme in common areas of research have been implemented.

The University is envisaging forging link for industry collaborations to get research grants and support for its developmental activities.

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

### 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)

#### 2899.98

| File Description                    | Documents        |
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| Upload the data template            | <u>View File</u> |
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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)

#### 93.82

| File Description                    | Documents        |
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#### 6.4.4 - Institution conducts internal and external financial audits regularly

The University get its accounts audited regularly both by the internal and external auditors. A team of auditors are deputed from Government (LFA Department) to conduct regular audit at the end of every financial year for all the departments / the units of the University. Time and again, audit by the Accountant General is conducted for various reporting purposes. A broad coverage of the areas includes academic and quality audit.

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

#### 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
- 1. It has strengthened the substantial aspects of Quality Culture across an array of issues like teaching-learning, governance, research and development, student-support, and outreach through deliberation. 2. It has sensitized members of faculty for quality

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enhancement and facilitating participation of the University in the University Ranking System conducted by Govt. of India. 3. The IQAC has conducted Academic Audit of the 27 Departments of the University offering 44 Courses in a democratic manner to help individual departments inculcate an attitude of self-reflection in the teachinglearning process, and assist them in enhancing and upholding quality measures through constant mentoring and constructive feedback. 4. The cell has successfully maintained Feedback System for major stakeholders by moving away from paper-based feedback to online feedback management system in the last five years. 5. It has conducted Energy, Greenery, Water and gender Audit through different committees of University and meetings with faculty members and officials towards for measures to be taken upgrading the rank of the university under NIRF has always remained the focus of the IQAC unit of the University.

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

6.5.2 - Institution has adopted the following for | B. Any 4 of the above **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)

| File Description                     | Documents        |
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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)
- 1. Regular review of the syllabus
- 2. Connecting with the alumni
- 3. Strengthening the research and publication activities

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- Proctorial system is implemented-online
- Discussion of Teachers with Parents to discuss about the progress of the students conducted by Phone
- Established of interdisciplinary research centres in the form CoEs to foster interdisciplinary research and quality output.
- Establishment of University Alumni Association besides departmental alumni association for more active participation of Alumni and support in academic and developmental activities.
- More National and International collaborations More MoUs
- Introduction of online feed backs from stake holders

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

#### 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

Being a Co-educational institution, the university is proactive in fostering gender sensitivity and gender equality at all levels and has a balanced perspective in social structures to reduce gender gap and discrimination.

University has a School of Women's Studies (SWS) which offering full time Master and Ph.D. programmes in Women's Studies. Beside this several departments in the University included courses related to gender equity and sensitization as part of curricula at different levels. The SWS also undertake Gender Audit and its recommendations are implemented.

Several gender sensitization programmes like seminars/conferences/workshop, training, special lectures, extension activities etc. are organized to promote gender equity on and off campus and create more awareness about the rights of girls/ women employees.

Inclusive representation of women has been ensured in all important Committees and in decision making positions who leads various activities of the University

University ensures safe and secured stay of girl students in seven girls' hostels in the campus. Basic amenities including separate wash rooms and common rooms for girl students are available in each

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#### buildings.

University maintains a very strict policy on ragging, sexual exploitation and discrimination of any kind and different committees are functional to tackle any kind of untoward incident.

| File Description   | Documents        |
|--|------------------|
| Upload relevant supporting document  | <u>View File</u> |
| Annual gender sensitization action plan(s)   | Nil              |
| 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 | Nil              |

# 7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

University takes special attention to maintain a clean and green campus for which Swacch Bharat Abhiyan are conducted regularly by the departments and NSS bureau. University also promotes for use of eco-friendly materials in seminars/conferences/workshops and other meetings as far practicable. Single use plastics are banned in the campus.

Solid wastes are collected separate dustbins, placed at strategic locations, office and Departments, as degradable and non-degradable waste materials which are finally collected by Bhubaneswar Municipal Corporation. Food wastes are collected separately for use of bio-gas

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plant .Garden waste, in the form of leaf litter and other plant waste, is used for transforming in to vermicompost at Agro business department. Civil construction wastes are cleared either by the constructing agency or land filling.

Liquid wastes from wash rooms and kitchen is connected to the leach pits in the respective buildings and care is taken to see the waste does not create problems on campus. All sewerage and drainage lines are connected to underground clearing lines constructed under Japan International Cooperation Agency (JICA). The University adopts the guidelines and policies issued by state and central in disposing e-wastes.

Hazardous chemical and bio-wastes are disposed by following the guidelines set by the University.

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

- 7.1.4 Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus
- A. Any 4 or all of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

#### 7.1.5 - Green campus initiatives include

- 7.1.5.1 The institutional initiatives for greening the campus are as follows:
- A. Any 4 or All of the above
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

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

- 7.1.6.1 The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
- A. Any 4 or all of the above

- 1. Green audit
- 2. Energy audit
- 3. Environment audit
- 4. Clean and green campus recognitions/awards
- **5.** Beyond the campus environmental promotional activities

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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.

B. Any 3 of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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)

The University believes in equality of all cultures and traditions as evident from the fact that the students and staff belonging to

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different caste, religion and regions with diverse socio-cultural background, are studying/performing their duties without any discrimination. The following activities reflect inclusiveness of the University.

The Universityinstitutionalized inclusiveness by extending admissible access to the studentsfrom socially disadvantaged communities, differently abled and women in different ways such as (i) strict adherence of all the reservation norms, (ii) allotment of hostel seats, (iii) scholarship under different scheme, (iii) waive of admission fee in hostel for student under DA category etc. Different committees are in place to maintain inclusive environment in the campus.

Members from all categories are included in all administrative bodies and committees of the University as per regulatory requirement.

By celebrating days of National and International importance to inculcate and strengthen the sense of patriotism and fellow feelings as Indians, diverse programmes like Independence Day, Republic Day, Gandhi Jayanti, Dr. Ambedkar Jayanti etc. are organized.

To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebratedwith the active support of the management to generate the feeling of oneness and social harmony.

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

Utkal University while focusing to provide the students with knowledge and skills, it sensitizes the students and the employees about the rights, duties, and human values for successful citizenship through various curricular, co/extra-curricular and extension activities from time to time.

As a part of curricula, the courses are included in several programmes of post graduate and Ph.D. levels to inculcate the constitutional obligations.

The University takes many initiatives every year to sensitize the

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students and staff to inherit human values coping with the constitutional obligations.

Observation of Gandhi Jayanti and Independence and Republic Day to instill the spirit of nationalism and patriotic feelings are routine annual activity.

Constitution Day is celebrated every year to remind the principles of humanitarian values, rule of law, equality and dignity of the individual.

World Environment Day, Van Mahotsav week, etc. are organized to spread awareness among the stakeholders on the importance ofconservation of environment and sustainable development.

Different departments, centres and NSS Bureaus of University actively undertake different activities/community outreach programmes.

Utkal Alumni Cell regularlyarranges talks of glorious alumni of the university who shares their journey involving ethics, values, hard work, teamwork, responsibilities towards the institution, society and nature.

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

Any 3 of the above

| File Description                    | Documents        |
|-------------------------------------|------------------|
| Upload relevant supporting document | <u>View File</u> |

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

University celebrates the National festivals and birth/death anniversaries of our National leaders with patriotic fervour and nationalistic spirit is to remember the sacrifice and service done

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bythem and ignite the spirit of selfless service to thenation among the students and staff. It follows the protocols in celebrating Republic Day, Independence Day, Utkal Divas and other national holidays. In addition, days marking the birth and death anniversaries of persons of note are marked with veneration of their image with a garland in the presence of students and staff.

Other days and events of regional, national and international importance involving are also observed annually. In the academic year 2020-21 with prevailing Covid 19 pandemic, many of the eventswere celebrated in online mode or in the presence of a few members while following all the COVID appropriate protocols.

Yoga Day, National Science Day, International Women's day etc. were celebrated in the University by organising special meetings/talks/workshops in online/blended/ offline mode.

| File Description                    | Documents        |
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| Upload relevant supporting document | <u>View File</u> |

#### 7.2 - Best Practices

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

Promotion of e-Content Development

#### 1. Objectives

Utkal University, as part of activities under RUSA and virtual tutorial programme of Government of Odisha to establish a state-of-art virtual tutorial lab for developing e-content at +3 level in bilingual mode (Odia and English) and also for PG level and Dissemination of academic and Knowledge content through Social Media and Digital Platforms.

#### 2. Evidence of Success

- More than 3500 video contents (lectures) for the core papers of 1st, 2nd and 3rd semesters in different under graduate honours as per CBCS syllabus.
- The developed video contents have been uploaded in the web portal: www. https://vtputkal.odisha.gov.in for use of undergraduate students across the state and beyond.
- In COVID-19 pandemic, thousands of students have been

- benefitted from these videos.
- Besides under graduatelevel, the facility has been regularly used for recording video lectures in different subjects by the faculty of Utkal University and uploaded in the website.
- In addition to the curriculum, the facility is also extended for recording of lectureson research in specific area, faculty development programmes, seminars etc.

#### 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)

Exploration and Excavation of Archiological sites and monuments in Odisha

Established in 1943, Utkal University embodies the educational aspirations of its people. It is the seventeenth oldest University of India and being the 'Mother University' of the state, it has taken on to itself the study of the rich cultural heritage of the state as an area distinctive to its priority and thrust. Odisha's rich archaeological remains in the form of sites and monuments were fast disintegrating. The loss of any heritage is irrevocable. The Department of History and Department of Anthropology took initiatives to explore many archaeological sites which get momentum after establishment of Department of Ancient Indian History, Culture and Archaeology (AIHCA) in 1996. Department of AIHCA along with the departments of History and Anthropology have 'discovered' several sites of historical importance through field studies and exploration.

The study of archaeological remains helps in creating awareness and disseminating knowledge to the society. Through exploration, we bring new sites to public reckoning and unravel the rich cultural heritage. Over the period numerous sites belonging to the different phases of history have been identified.

Among the archaeological excavations conducted in recent years by various Universities/ Institutions or Govt. Of Odisha, quite a few of the sites were reported by the Departments of the University such as (i) Harirajpur near Jatani, (ii) Parbatihuda, Ostapur, Khurda, (iii) Kankeikuda, Khalikot in Ganjam (iv) Asuradhipa, Kanchila, Khurda and (v) Durgadevi, Balesore/Mayurbhanj.

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

The University has following objectives in the future through its perspective plans:

- Fully implementation automation for administrative and admission works
- Automation in examination works. Introduction of online evaluation in the Examination process.
- To pursue in government for filling up vacant teaching and nonteaching posts
- Introduction of greater number of certificate courses related to employability and social awareness.
- Introduction greater number of Add-On courses.
- Strengthening Institutional Learning Management System (e-LMS)
- Strengteningof Central Instrumental facility
- Increasing the culture of research in some marked thrust areas in consonance with regional, national and international perspectives.
- Implementation of RFID Technology in Central Library
- Upgradation of University press