SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

UDAYANATH AUTONOMOUS COLLEGE OF SCIENCE AND TECHNOLOGY

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Nestled in the serene landscapes of eastern Odisha, Udayanath Autonomous College of Science & Technology, located at Prachi Jnanapitha in Adaspur, Cuttack, has journeyed far to become a beacon of holistic education. The college's history mirrors the progressive evolution of its rural surroundings, reflecting the socio-economic and cultural fabric of the region, and its commitment to imparting genuine education to the community.

Established in 1991, Udayanath Autonomous college of Science and Technology,Adaspur,Cuttack stands as a prominent government-aided private institution renowned for its robust infrastructure and commitment to STEAM education The college holds recognition under sections 2(f) and 12(B) of the UGC Act, 1956, underscoring its academic credibility. It offers Arts, Science, and Commerce undergraduate courses since the early 1990s, with Honours programs introduced in 1996. The college features 25 Honours subjects, including Women's Studies and offers postgraduate programs in Commerce from 2009.

Spread across 30 acres, with a vibrant academic environment, offering a wide range of undergraduate and postgraduate programs in sciences, social sciences, and humanities. With a student body of 4292 in the current session, Udayanathautonomous college maintains a balanced gender ratio with 60% female and 40% male students.

College achieved a significant milestone with accreditation for its 2nd Cycle by NAAC, Bangalore, earning an esteemed "B" Grade with a commendable CGPA of 2.7 in 2014and granted Autonomous status by UGC in 2009 Since then, the college has made substantial strides in education, knowledge dissemination, extension activities, and sports under the guidance of its dedicated faculty and dynamic governing body.

Moreover, the college has received substantial grants totalling10 Crores from RUSA, World Bank and Government of Odisha for reflecting its proactive approach towards enhancing educational standards and infrastructure. With a focus on holistic development and academic excellence, Udayanath Autonomous College of Science and Technology,Adaspur continues to set benchmarks in higher education, preparing students for successful careers and societal contributions.

Vision

To flourish as a premier institute of higher learning in an ambiance conducive to promote innovative ideas and best practices in teaching, learning, research, extension, examination, and outreach activities among the rural youth to enhance their quality of life by identifying the rural needs and to cater the rural demands with all sorts of efforts-the heart within and the God overhead and provide opportunities for them to realize their full potential that embraces civility, respect, and trust.

Mission

- To provide meaningful education, environment, opportunities and experiences that enable, more particularly, rural students to develop themselves as good, well-rounded, and creative individuals.

- To develop Scientific Temper and Critical Thinking with the inculcation of values of discipline, hard work and team spirit that makes them joyful and access to it.
- To impart quality education for the development of an enlightened, socially-conscious, knowledgeable, cultured, cohesive, progressive and skilled communities.
- To enable students for meaningful and contended lives and work-roles, and economic independence with ethical and constitutional values, intellectual curiosity, and spirit of service.
- To nurture talent and lead students in exploring new vistas of creativity with zeal.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. The college is supported by visionary and proactive management that drives innovation and excellence across all facets of education and development.

2. An active and functional IQAC (Internal Quality Assurance Cell) ensures continuous enhancement of academic standards and overall institutional quality.

3. The college fosters a congenial and supportive atmosphere, conducive to effective teaching, learning, and professional growth.

4. Udayanath Autonomous College of Science and Technology, Adaspur boasts a team of highly qualified, capable, committed, and dedicated staff who are instrumental in shaping the educational experiences of students.

5. Its campus is renowned for its cleanliness, green surroundings, and eco-friendly initiatives, including solar panels, rainwater harvesting, vermicomposting, sewerage treatment plant, and regular plantation drives, contributing to sustainable practices.

6. The college offers ample physical infrastructure, including well-equipped computer lab and well-equipped laboratories, internet connectivity, Wi-Fi access, smart classrooms, interactive boards, Pandit Godabarisa Mishra Library having automation facility, LCD projectors, AROMA Phenyl, Honey, and Mushroom production units, Telescope, Sundialand audiovisual centre, ensuring a modern and efficient learning environment.

7. With a comprehensive infrastructure comprising 80 classrooms, 20 well-equipped laboratories, 7hostels for boys and girls ,an ICT-enabled conference rooms, an open-air Class room TAPOVAN, seminar hall, canteen, staff rooms, and facilities catering to diverse needs such as girls' common rooms and Divyana-friendly amenities.

8. Our collegeexcels in sports facilities, featuring aPrachi Gym Khana and Stadium having 900capacities of pavilion, swimming pool,800-meter athletic track, basketball court, and an ongoing multipurpose indoor sports complex, promoting holistic development and athletic excellence among students.

9. The college actively promotes research endeavours through providing seed money to the young faculties, evident through numerous research papers, authored books, and a dedicated Research Development committee facilitating scholarly pursuits.

10. Udayanath Autonomous has forged 9 MoUs and linkages with external agencies across research, academics, sports, and cultural domains, enriching opportunities for collaborative initiatives and enhancing its educational offerings.

Institutional Weakness

1. Despite occupying a sprawling 30-acre campus, the college faces persistent challenges with academic space constraints. To address this issue, the management has approved plans and allocated funds for the construction of a new buildings scheduled to commence in the upcoming session.
2. The management encounters a significant hurdle in resource generation due to the government's reluctance to sanction permanent posts.
3. Though our college is honoured with young faculty members the Research activity is not praiseworthy due to scarcity of fund.
4. Industrial Exposure for getting Placement
5. Required Adequate number of Accommodation facilities for staff.
6. Provide own Transport Facilities for the students.
7. Lack of tie-up with industries.
8. Large number of students are from economically backward communities.
9. Though it's a rural region maximum number of students have lack in communication skill.

Institutional Opportunity

1. Embracing the National Education Policy (NEP) are pivotal steps towards modernizing our educational approach. These frameworks enhance flexibility and relevance in curriculum design, fostering a more dynamic learning environment.
2. Our focus is on equipping students with practical skills that enhance their employability in a competitive job market. By integrating industry-relevant content and experiential learning opportunities, we ensure graduates are well-prepared for professional success.
3. Introducing New Postgraduate (PG) programs across various disciplines is a strategic initiative aimed at providing advanced educational opportunities and furthering academic specialization within our institution.

1. There is a significant scope for developing regionally and locally relevant, job-oriented short-term courses. These courses are designed to address specific industry needs, enhancing skill acquisition and employment prospects for our students.

1. Strengthening collaborations and partnerships with industries, institutions, and universities enriches our educational ecosystem. These alliances provide invaluable opportunities for internships, research collaborations, and industry exposure, enriching the learning experience.
2. Empowering our faculty remains a priority through enhanced training programs, seminars, Faculty Development Programs (FDPs), and other initiatives. These efforts not only upgrade teaching methodologies but also foster continuous professional growth and adaptation to evolving educational

practices.

3. Few more value added courses can be introduced to improvethe employability of students. More exchange programmes can be implemented by having more MOUs with leading Universities.
4. To encourage start-ups.
5. Encouraging faculty of our college to publish more research papers in high impact factor journals.
6. The opportunity to the institution to attain university Status.

Institutional Challenge

1. Our primary goal is to inspire students to cultivate a profound capacity for critical and analytical thinking. By nurturing these skills, we aim to empower students to approach challenges with clarity, insight, and reasoned judgment, preparing them to excel in diverse academic and professional contexts.
2. We are committed to fostering a moral and social consciousness among our students.
3. At our institution, we place a strong emphasis on cultivating a research-oriented mindset among students.
4. Improve commination skill of the students.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Udayanath Autonomous College of Science & Technology, Adaspur, takes great pride in its meticulously designed curricula that are crafted to meet the evolving needs of its stakeholders while aligning closely with the institution Vision and Mission. Guided by the core values of higher education and the directives of the UGC, the college ensures that its academic offerings are robust, relevant, and responsive to local, regional, national, and global challenges.
The college meticulously plans its academic calendar, timetable, and lesson plans for each session, providing a structured framework that optimizes learning outcomes. Embracing innovation and growth, the institution has introduced eight new subjects and courses over the past five years, constituting a substantial 70% of its total course offerings. This progressive approach reflects its commitment to staying abreast of emerging trends and meeting the dynamic demands of contemporary education.
In 2018-2019, the college adopted the State Model Choice Based Credit System (CBCS) developed by the Directorate of Higher Education, Government of Odisha, enhancing academic flexibility and enabling students to tailor their learning experiences to their individual interests and career aspirations.
Program Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) are clearly defined and readily accessible on the college website, ensuring transparency and accountability in achieving educational objectives. To support student success, the college employs various assessments to identify and support slow learners, offering

specialized classes to ensure that all students receive the necessary support and opportunities for academic growth.

Recognizing the importance of holistic development, the curriculum integrates cross-cutting issues such as environmental sustainability, professional ethics, human values, and gender sensitivity across various programs. Additionally, the college has introduced 51 Value Added Courses in the past five years, enriching students learning experiences with additional skills and knowledge relevant to their academic and professional growth.

Feedback from students, alumni, faculty, and staff plays a pivotal role in the continuous enhancement of the curriculum. The Internal Quality

Assurance Cell (IQAC) systematically collects and addresses structured feedback, fostering a culture of continuous improvement and ensuring that the college remains responsive to the evolving needs and expectations of its academic community.

Teaching-learning and Evaluation

The student enrollment process at our institution operates through the Student Academic Management System (SAMS), meticulously designed to adhere to the guidelines set forth by the Directorate of Higher Education, Government of Odisha, and Utkal University. Our commitment to inclusivity is reflected in the reserved seats for SC, ST, OBC, Divyangjan, and minorities as mandated by government norms. Central to our educational ethos is the continuous enhancement of the teaching-learning process. We employ diverse strategies to identify and support students who may require additional assistance, ensuring that every learner progresses optimally. An academic calendar is meticulously crafted to orchestrate the seamless functioning of both academic and non-academic activities throughout the academic year.

A robust mentoring system is in place to foster a nurturing environment where mentors and mentees cultivate healthy relationships. Our mentors are equipped not only to impart academic guidance but also to nurture essential life skills such as active listening, empathy, and basic counseling techniques among mentees. This personalized approach aims to enhance overall student development.

To streamline examination processes and ensure transparency, we have implemented an Examination Management System (EMS) fortified with cutting-edge Information Technology (IT). This integration facilitates the efficient conduct of examinations while upholding integrity and fairness.

In alignment with Outcome-Based Education (OBE), our institution meticulously maintains Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) under the purview of respective departments and the Academic Council. These outcomes serve as benchmarks to gauge the attainment of educational objectives and the overall efficacy of our academic programs.

Our institution remains steadfast in its dedication to providing a transformative educational experience, where innovation and student-centric approaches converge to nurture future leaders and professionals. We continually evolve our methodologies and systems to uphold academic excellence and foster holistic student development.

Research, Innovations and Extension

Udayanath Autonomous College of Science & Technology, Adaspur, stands as a beacon for nurturing a scientific mindset among its students, fostering an environment conducive to robust research endeavors. The institution Research Committee actively promotes interdisciplinary research across Humanities, Science, and Commerce domains. With a well-defined Research Policy in place, the committee invites research proposals, selects projects, and provides seed funding to initiate and sustain research activities.

One of the hallmarks of the college is its encouragement of young researchers to seek funding from various governmental and non-governmental organizations, thereby empowering them to explore innovative avenues of knowledge creation. Serving as a think-tank, the Research Committee plays a pivotal role in promoting innovation and advancing scholarly pursuits within the institution.

In addition to its emphasis on scientific inquiry, the college is committed to enlightening students about the significant contributions made by ancient Indians in diverse fields such as Science, Philosophy, Literature, Mythology, Yoga, and Traditional Medicine. This effort underscores the institution broader mission to instill a deep appreciation for India rich cultural and intellectual heritage among its student body.

Furthermore, Udayanath Autonomous College places a strong emphasis on character building through a variety of seminars and workshops focused on life skills education. These initiatives are designed not only to enhance academic learning but also to nurture qualities such as leadership, communication, and ethical decision-making among students. The college commitment to community engagement is evident through its extensive participation in extension activities facilitated by thirteen clubs and twenty-seven committees. These platforms enable students to contribute meaningfully to society while developing their organizational and leadership capabilities.

Infrastructure and Learning Resources

Situated on a sprawling 30.62-acre green campus, our college boasts meticulously planned facilities that cater to both academic and co-curricular activities. The campus is home to 80 well-ventilated

classrooms, ensuring a conducive environment for learning.
Complementing these are 20 fully equipped laboratories, 5 state-of-the-art smart classrooms, and an additional 10 classrooms enhanced with ICT capabilities, providing students with diverse learning experiences supported by modern technology.
A highlight of the campus is its expansive sports complex spanning 12 acres, offering facilities for football, cricket, aquatics, volleyball, and badminton. This sports infrastructure not only promotes physical fitness but also encourages team spirit and sportsmanship among students. For holistic well-being, the college provides facilities like a gymnasium, green park, music room, and yoga center, fostering a balanced lifestyle among its students.
The campus features versatile spaces for academic and interactive sessions, including conference halls, seminar halls, and an open-air classroom. These venues facilitate lively discussions, workshops, and academic conferences, enriching the learning experience beyond traditional classroom settings.

Catering to the daily needs of its stakeholders, the campus includes a cafeteria offering a variety of cuisines and a dispensary ensuring medical support and care within the premises.
Central to the college academic infrastructure is its library, a primary resource equipped with a two-storied reading room. Automated through E-Granthalaya software, the library offers extensive resources, including e-journals and e-books through its subscription to INFLIBNET. This digital integration ensures that students have access to a wealth of academic literature and research materials to support their studies.
In line with technological advancements, the college maintains a robust IT infrastructure tailored to meet the evolving needs of its student community. Currently operating on a 100 Mbps bandwidth, the institution ensures uninterrupted internet access, supporting academic research, online learning, and administrative functions seamlessly.
To uphold the efficiency and functionality of its facilities, the college has established a systematic organizational framework for maintenance across infrastructure and IT facilities. This structured approach ensures that all amenities and services provided on campus operate at optimal levels, enhancing the overall educational experience for students and faculty alike.

Student Support and Progression

Udayanath Autonomous College of Science & Technology, Adaspur, prioritizes creating a positive and nurturing environment to foster the holistic development of its students. Recognizing students as the primary stakeholders, the college is dedicated to providing comprehensive support services that enhance their overall experience and progress.
A cornerstone of this commitment is the institution proactive approach

in supporting academic excellence through initiatives like scholarship programs aimed at encouraging students academic pursuits. Furthermore, the college organizes career workshops, seminars, counseling

sessions, and skill development programs to equip students with essential life skills and prepare them for future challenges.

The college also values the role of alumni in the development of its students and maintains a strong alumni network. Alumni actively contribute to the institution growth through their expertise, financial support, and mentorship, enriching the educational experience for current students.

In addressing grievances, the college has established effective redressal measures to ensure a fair and supportive environment for all. This includes mechanisms to resolve concerns promptly and transparently, thereby maintaining harmony within the campus community.

Emphasizing the importance of higher education, the college supports graduates in pursuing postgraduate degrees in various colleges and universities. Assistance is also provided for practical matters such as obtaining voter cards, ensuring that students are well-supported beyond their academic pursuits.

The institution values student representation and engagement, with student representatives actively participating in bodies such as the IQAC, student council, prefectorial

board, and various clubs and cells. This involvement not only empowers students but also ensures their voices are heard in decision-making processes concerning both academic and co-curricular activities.

Central to maintaining discipline and fostering leadership among students is an active student council comprising both students and teachers. This council plays a pivotal role in addressing disciplinary and academic issues, promoting a conducive learning environment.

Overall, Udayanath Autonomous College of Science & Technology, Adaspur, stands committed to nurturing well-rounded individuals equipped with academic proficiency, essential skills, and a strong sense of community and leadership. Through its inclusive and supportive approach, the college strives to empower students to achieve their full potential and contribute meaningfully to society.

Governance, Leadership and Management

At Udayanath Autonomous College of Science & Technology, Adaspur, governance is deeply rooted in democratic principles that resonate with the institutionvision and mission. Emphasizing participative

management, the college ensures transparent decision-making processes that involve various stakeholders including the Governing Body, Principal, and IQAC Coordinator.

Faculty members actively participate in governance through their

representation in key decision-making bodies such as the Governing Body, Academic Council, Board of Studies, Finance Committee, Library Committee, Examination Committee, and Development Committee. This inclusive approach not only promotes transparency but also leverages the expertise and perspectives of faculty members in shaping institutional policies and initiatives.

The institution places a strong emphasis on faculty development, with staff members participating in 24 Faculty Development Programmes (FDPs). These programs are designed to enhance teaching methodologies, research capabilities, and leadership skills among faculty, thereby enriching the academic environment and fostering continuous improvement.

Integral to the governance framework is the Internal Quality Assurance Cell (IQAC), which plays a pivotal role in spearheading quality academic initiatives and institutionalizing best practices. Through rigorous assessment and feedback mechanisms, IQAC ensures adherence to academic standards and promotes a culture of excellence across all aspects of college operations.

In embracing digital transformation, the college has implemented e-governance solutions across administrative functions including administration, finance, accounts, student admissions, student support services, and examinations. This digital integration enhances efficiency, transparency, and accountability in administrative processes, benefiting both staff and students.

Udayanath Autonomous College is committed to environmental sustainability through proactive green initiatives. Conducting regular Green Audits and Environmental Audits, the institution monitors and improves its ecological footprint. As part of its resource mobilization efforts, the college has embarked on approved Institutional Development Projects (IDPs) such as the Solar Power Project, construction of new hostels and classrooms, and the installation of a Sundial. These initiatives not only contribute to energy conservation but also enhance infrastructure to support the evolving needs of the college community.

Institutional Values and Best Practices

Our college is committed to a range of quality initiatives aimed at fostering institutional values, social responsibility, best practices, and distinctive institutional identity. One of the notable initiatives is the Gender Audit Report, publicly accessible on the college website, which underscores the institutions commitment to gender equity and sensitization. This commitment is reflected not only in the creation of facilities but also in curricular and co-curricular activities designed to promote inclusivity and awareness.

Community service is a core value at the college, engaging students in

diverse activities that cultivate decision-making skills, leadership qualities, and a sense of empathy towards society. Programs organized by NCC, NSS, YRC, R&R units, and various clubs and cells play a pivotal role in this endeavor, offering platforms such as camps, workshops, and initiatives that sensitize youth to social issues and responsibilities.

In line with its commitment to sustainability, the college has implemented several environmentally friendly practices. This includes the utilization of solar energy, LED bulbs, and rainwater harvesting tanks, as well as the operation of a vermicompost unit, sewage treatment plant (STP), and effective waste management systems. These initiatives not only contribute to energy conservation and resource efficiency but also promote a greener campus environment.

Regular audits, including Energy Audits, Green Audits, and Academic Audits, are conducted as per established requirements and recommendations, ensuring compliance with environmental standards and continuous improvement in academic processes.

The institution prides itself on being disabled-friendly, with facilities such as ramps and accessible washrooms designed to accommodate individuals

with disabilities, fostering an inclusive and supportive campus environment.

Furthermore, the college places significant emphasis on constitutional obligations, values, and the rights and duties of citizens. Numerous programs are organized to educate both students and faculty on these important aspects, promoting a culture of respect, responsibility, and civic engagement within the college community.

To uphold standards of behavior and ethics, the college has published a Code of Conduct on its website, outlining the expectations and principles that guide interactions and conduct within the institution. This transparency ensures clarity and accountability among all stakeholders, contributing to a harmonious and productive learning environment.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	UDAYANATH AUTONOMOUS COLLEGE OF SCIENCE AND TECHNOLOGY
Address	Prachi Jnanapitha, Adaspur, Cuttack
City	Adaspur
State	Orissa
Pin	754011
Website	udayanathcollege.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Susanta Kumar Mohanty	91891-7421422	9437041904	-	adaspurcollege@gmail.com
IQAC / CIQA coordinator	Krupasindhu Pradhan	91943-7041904	9437041904	-	ECO.KRUPA@GMAIL.COM

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of Establishment, Prior to the Grant of	03-12-1991

'Autonomy'	
Date of grant of 'Autonomy' to the College by UGC	07-01-2009

University to which the college is affiliated

State	University name	Document
Orissa	Utkal University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	22-12-2003	[View Document](#)
12B of UGC	22-12-2003	[View Document](#)

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Prachi Jnanapitha, Adaspur, Cuttack	Rural	30.62	36125.9

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BA,Education,	36	Higher Secondary	English,Oriya	32	26
UG	BA,English,	36	Higher Secondary	English,Oriya	16	12
UG	BA,History,	36	Higher Secondary	English,Oriya	32	31
UG	BA,Library Information Science,	36	Higher Secondary	English,Oriya	24	11
UG	BSc,Geology,	36	Higher Secondary	English,Oriya	48	38
UG	BA,Hindi,	36	Higher Secondary	English,Hindi,Oriya	32	29
UG	BA,Geography,	36	Higher Secondary	English,Oriya	32	26
UG	BA,Odia,	36	Higher Secondary	English,Oriya	48	48
UG	BA,Political Science,	36	Higher Secondary	English,Oriya	32	27
UG	BA,Psychology,	36	Higher Secondary	English,Oriya	32	28
UG	BA,Sanskrit,	36	Higher Secondary	English,Oriya,Sanskrit	32	30
UG	BA,Sociology,	36	Higher Secondary	English,Oriya	32	29
UG	BA,Women Studies,	36	Higher Secondary	English,Oriya	24	13
UG	BSc,Botany,	36	Higher Secondary	English,Oriya	112	87
UG	BSc,Zoology,	36	Higher Secondary	English,Oriya	112	84
UG	BSc,Chemist	36	Higher	English,Oriy	128	86

	ry,		Secondary	a		
UG	BSc,Computer Science,	36	Higher Secondary	English,Oriya	64	63
UG	BSc,Mathematics,	36	Higher Secondary	English,Oriya	64	47
UG	BSc,Physics,	36	Higher Secondary	English,Oriya	128	93
UG	BSc,Statistics,	36	Higher Secondary	English,Oriya	48	15
UG	BCom,Commerce,	36	Higher Secondary	English,Oriya	256	161
UG	BSc,Information Technology And Management,	36	Higher Secondary	English,Oriya	30	30
UG	BA,Economics,	36	Higher Secondary	English,Oriya	32	30
UG	BA,Philosophy,	36	Higher Secondary	English,Oriya	32	28
UG	BBA,Bachelor Of Business Administration,	36	Higher Secondary	English,Oriya	30	30
UG	BCA,Bachelor Of Computer Application,	36	Higher Secondary	English,Oriya	30	30
PG	MA,Analytical And Applied Economics,	24	Graduation	English	32	19
PG	MA,Education,	24	Graduation	English	32	23
PG	MA,English,	24	Graduation	English	32	17
PG	MA,History,	24	Graduation	English	32	20
PG	MA,Hindi,	24	Graduation	Hindi	32	3

PG	MA,Odia,	24	Graduation	Oriya	64	56
PG	MA,Political Science,	24	Graduation	English	32	14
PG	MA,Clinical Psychology,	24	Graduation	English	32	24
PG	MA,Sanskrit,	24	Graduation	Sanskrit	32	16
PG	MA,Sociology,	24	Graduation	English	32	18
PG	MSc,Botany,	24	Graduation	English	32	16
PG	MSc,Zoology,	24	Graduation	English	32	29
PG	MSc,Chemistry,	24	Graduation	English	32	19
PG	MSc,Computer Science,	24	Graduation	English	32	11
PG	MSc,Mathematics,	24	Graduation	English	32	17
PG	MSc,Physics,	24	Graduation	English	32	16
PG	MCom,Commerce,	24	Graduation	English	32	23
PG	MCom,Finance And Control,	24	Graduation	English	30	12
PG	MSW,Social Work,	24	Graduation	English	30	27
PG	MA,Philosophy And Critical Thinking,	24	Graduation	English	32	15

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				11				32			
Recruited	0	0	0	0	7	4	0	11	20	12	0	32
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	24				0				121			
Recruited	19	5	0	24	0	0	0	0	31	90	0	121
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				17
Recruited	17	0	0	17
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				34
Recruited	26	8	0	34
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				12
Recruited	10	2	0	12
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				23
Recruited	5	18	0	23
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	1	0	0	1	0	0	0	0	0	2
Ph.D.	20	5	0	1	2	0	9	11	0	48
M.Phil.	0	0	0	1	0	0	8	32	0	41
PG	0	0	0	4	2	0	32	59	0	97
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	534	0	0	0	534
	Female	597	0	0	0	597
	Others	0	0	0	0	0
PG	Male	99	0	0	0	99
	Female	296	0	0	0	296
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	87	91	101	146
	Female	97	138	90	130
	Others	0	0	0	0
ST	Male	3	19	24	25
	Female	3	18	25	22
	Others	0	0	0	0
OBC	Male	188	300	283	133
	Female	271	404	368	233
	Others	0	0	0	0
General	Male	467	290	273	232
	Female	679	397	396	359
	Others	0	0	0	0
Others	Male	1	0	23	96
	Female	0	0	75	150
	Others	0	0	0	0
Total		1796	1657	1658	1526

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Analytical And Applied Economics	[View Document](#)
Bachelor Of Business Administration	[View Document](#)
Bachelor Of Computer Application	[View Document](#)
Botany	[View Document](#)
Chemistry	[View Document](#)
Clinical Psychology	[View Document](#)
Commerce	[View Document](#)
Computer Science	[View Document](#)
Economics	[View Document](#)
Education	[View Document](#)
English	[View Document](#)
Finance And Control	[View Document](#)
Geography	[View Document](#)
Geology	[View Document](#)
Hindi	[View Document](#)
History	[View Document](#)
Information Technology And Management	[View Document](#)
Library Information Science	[View Document](#)
Mathematics	[View Document](#)
Odia	[View Document](#)
Philosophy	[View Document](#)
Philosophy And Critical Thinking	[View Document](#)
Physics	[View Document](#)
Political Science	[View Document](#)
Psychology	[View Document](#)
Sanskrit	[View Document](#)
Social Work	[View Document](#)
Sociology	[View Document](#)

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Statistics	[View Document](#)
Women Studies	[View Document](#)
Zoology	[View Document](#)

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	One of the standout features of NEP 2020 is its emphasis on breaking down traditional academic silos such as Arts, Science, and Commerce, thereby allowing students to chart their own learning paths through multidisciplinary education. Udayanath autonomous college of science and technology, a diverse institution including Education among its faculties, offers ample opportunities for students to freely choose their Honours and electives. NEP 2020's implementation promises to address these demands effectively, encouraging colleges like Udayanath Autonomous College of Science and Technology, Adaspur to adopt multidisciplinary and interdisciplinary approaches. The college management is resolute in its commitment to providing holistic education that aligns with the evolving curriculum framework set by the Utkal University and concern Board of studies, preparing students to navigate and excel in dynamic real-world scenarios. Interdisciplinary Courses are available in the course structure in the Institution like Environment Science as AECC Courses, Communicative English as SEC Courses and Quantitative and Logical Thinking as SEC Courses. In addition, with this we have Ethics as compulsory Courses for all programme. The Board of studies is incorporating Gender Studies, JAVA, Database Management, Research Methodology & Climate change in the curriculum. In addition with this Faculties are delivering lecture in different UG & PG programme.
2. Academic bank of credits (ABC):	The introduction of the Academic Bank of Credit under the National Education Policy (NEP) 2020 by the Government of India marks a significant step towards enhancing the mobility and flexibility of academic credits for students. Embracing this system is seen as highly advantageous for students as it facilitates seamless accumulation and transfer of credits. By integrating the Academic Bank of Credit,

	the college aims to streamline the academic journey of its students, allowing them greater flexibility in choosing courses and programs. This initiative not only promotes a more dynamic learning experience but also ensures that students can make efficient use of their educational credits, thereby enhancing their overall academic progression and career prospects. The Institution is affiliated to Utkal University & the basic guidelines are approved by parent University and Governing Body of Udayanath Autonomous College of Science and Technology, Adaspur,Cuttack. The institution has started registration of the students in ABC.
3. Skill development:	The institution is dedicated to providing students with the finest opportunities for their personal and academic development. With a steadfast commitment to aligning with NEP 2020, our institute aims to equip students with essential skills to navigate future challenges effectively. Emphasizing skill development, the college has forged 11 MoUs, partnerships with industries, and integrated experiential learning initiatives. These collaborations are designed to ensure that our students are well-prepared with a diverse skill set to confront the dynamic challenges of today's rapidly evolving landscape. This strategic approach not only enhances their academic journey but also empowers them with practical knowledge and capabilities crucial for their professional success. Skill development courses were introduced in the state model syllabus developed by the Govt. of Odisha for all programmes. Students are adequately skilled in Communicative English, Reasoning, Quantitative Aptitudes , Ethics &Values. Language skill is provided through certificate courses & value added courses. Team building , Critical analysis, and group work is in the curriculum of social work department . These skills are helpful to cater the needs of Industry in providing jobs. Our curriculum lays emphasis on skilled development through various courses in the form of SEC-1,SEC-2 and Value added Courses. The Institution is providing skill enhancement Course in the field of JAVA, Web Management, PGDCA, PYTHON, Android, MYSQL. Artificial Intelligence, Computational Economics, Yoga, & Music. These courses are shorter in duration which can help the student to develop their skill to get a job.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	One of the key recommendations of NEP 2020 is to emphasize the promotion of the Indian Knowledge System. To foster original thinking among students, we aim to integrate Indian Knowledge Systems alongside conventional teaching methods by promoting Indian languages, arts, civilization, culture, and traditions. Understanding the historically rich Indian education system prevalent in our country helps instill in students a sense of identity, belonging, and appreciation for diverse cultures and identities. Our curriculum integrates with Indian Knowledge System developed by UGC. We have included Indian Society, Indian Constitution, Indian Economy, Ethics & Morality In our syllabus. There are also elective courses on languages that are Odia, English, Hindi, and Sanskrit. We provide knowledge to our students on Development Economics, Environmental Economics , Odisha Economy ,Educational Sociology, Inclusive Education, Gender & Human Rights, Indian writing in English ,Human Geography, Disaster Management, History and culture of Odisha, History of India, Social formation and cultural pattern of ancient World ,Mass communication, Philosophy of Language, Gita, Ethics, Upanishad & Indian thought. Economic thought incorporates ancient Indian economic ideas in Indian economic thought. Besides this our classical literature deals with Veda, Vedanga, Dharmasastra, Darshana & Naya.
5. Focus on Outcome based education (OBE):	Outcome-Based Education (OBE) represents a pedagogical approach centered on achieving specific learning outcomes rather than emphasizing the content or methods used to reach those outcomes. In OBE, the primary focus lies in defining what students should know, understand, and be able to do as a result of their learning experiences, rather than prescribing particular content or instructional techniques. Aligned with the guidelines of NAAC and the objectives of NEP 2020, our institution has adopted a learner-centric approach designed to prepare students effectively for real-world challenges. Here are several strategies through which we enhance student employability: Application-Oriented Learning: Equipping students with practical skills and the ability to make informed decisions and respond effectively to diverse situations. Conceptual Clarity: Ensuring students comprehend not just how

	to perform tasks, but also the underlying principles and rationale behind their actions. Our curriculum focus on programme outcomes, course outcomes and programme specific outcome as pointed out in different courses .The learning outcomes of our curriculum are guided by graduate attributes like fundamental knowledge, communication skill, critical thinking ,problem solving attitudes, scientific reasoning, moral values & leadership qualities. We are aware of short terms and long run goals of our stake holders. The present curriculum is designed in such a way that it cater to the needs of students of present generation. We emphasis on curricular, co curricular, extension& social outreach activities conducted by various department/Cell/Clubs/Committee in order to ensure holistic development of the student .
6. Distance education/online education:	Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. Faculties are encouraged to offer online courses as compulsory subjects at UNAC which promotes the blended learning system of learning. Number of skill development courses have been attended and conducted using hybrid mode.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	The College has had an Electoral Literacy Club since 2021, overseen by a designated staff member appointed as the Convenor and member. The committee, formed under the guidance of the principal, aims to achieve several key objectives: Promoting Voting Awareness: Educating students on the significance of voting in democratic processes. Building Democratic Awareness: Organizing extension lectures and rallies to enhance students' understanding of democratic principles. ? Enhancing Student Participation: Encouraging greater student involvement in electoral activities. ? Facilitating Voter Registration: Initiating efforts to register first-time voters among the student body The current composition of the Electoral Literacy Club for the academic session 2022-23 includes the following members: 1. Principal (Chairman) 2. Janajali Parida

	(Convenor) 3. Dr.Ipsita Pattanaik , Member 4. Dr. Debolina Biswas , Member Together, this team is dedicated to fostering electoral literacy and active civic engagement among students at the College.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The Electoral Literacy Club (ELC) at our College plays a vital role in educating students about the electoral process and fostering awareness of civic responsibilities. At the helm of the ELC, responsible for organizing and overseeing all club activities. Integral to the club's structure are student representatives, selected by faculty members of the committee. These representatives play a crucial role in bridging communication between the ELC and the student body, ensuring that student voices are heard and represented effectively. By doing so, the ELC strives to empower students with the knowledge and tools necessary to participate actively in democratic processes. Through its educational programs and outreach efforts, the ELC aims to instill a sense of civic duty and responsibility among students, thereby preparing them to become informed and engaged citizens in their communities.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The College actively engages in promoting voter awareness through collaborative efforts with organizations such as NCC, NSS, and various subject societies. A highlight of these efforts is the annual celebration of National Voters Day on January 25th, where students participate in activities aimed at educating them about the electoral process. Guidance on online voter registration is a key component of these initiatives, ensuring students have the necessary information and support to become registered voters. Both teaching and non-teaching staff members of the College play integral roles assigned by the District Election Administration. During Lok Sabha and State Legislative Elections, teaching staff members serve as Presiding Officers and Polling Officerscontributing directly to the electoral process's smooth functioning. . These coordinated efforts underscore the College's commitment to civic engagement and democratic values, empowering students and staff alike to actively participate in the electoral process and contribute to the functioning of our democracy.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research	The College actively engages in promoting electoral awareness through its Systematic Voters' Education

projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	and Electoral Participation (SVEEP) programs, which encompass a variety of activities. These include awareness campaigns, competitions like poster making, slogan writing, and rangoli making, as well as quizzes aimed at educating students about the electoral process. A notable initiative undertaken by the Departments of Political Science and Sociology involved a project focused on raising awareness about elections. Forty students participated in an extensive Panchayat Election2022. The College's commitment to civic engagement is further demonstrated through the active involvement of NSS and NCC student volunteers in election duties. s. Through these multifaceted efforts, the College strives to foster a culture of informed citizenship and active participation in democratic processes among its students, preparing them to be responsible and engaged members of society.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The College places a strong emphasis on ensuring that all eligible students are registered voters. Regular voter awareness programs are conducted to underscore the significance of voting among students. Specifically, students who are 18 years make them aware to enabling them to register and participate as valuable members of the electoral process. By actively promoting voter registration and hosting informative sessions on the importance of voting, the College aims to instill a sense of civic duty and responsibility in its student body. These efforts not only encourage active engagement in democratic practices but also empower students to exercise their right to vote effectively. Through these initiatives, the College endeavors to cultivate a community of informed and conscientious citizens prepared to contribute meaningfully to society.

Extended Profile

1 Students

1.1

Number of students on rolls year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
4292	4551	4657	4416	4130
File Description			**Document**	
Institutional data in the prescribed format (data			[View Document](#)	

1.2

Number of final year outgoing students year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1691	1639	1338	1291	1477
File Description			**Document**	
Institutional data in the prescribed format (data			[View Document](#)	

2 Teachers

2.1

Number of full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
178	158	138	127	123

2.2

Total number of full time teachers worked/working in the institution (without repeat count) during last five years:

Response: 178

File Description	Document
Institutional data in the prescribed format	[View Document](#)

3 Institution

3.1

Total expenditure excluding salary year wise during the last five years   (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
736.16	706.07	280.98	581.20	612.66

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1

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

Response:

Udayanath Autonomous College of Science and Technology aims to be center of excellence in higher education with a focus on innovative teaching learning resources by its curricular aspects. The college adopts the state model CBCS course in various programmes with much focus to core curriculum skill course and value added course. All programme and courses are designed keeping in view the interdisciplinary approach addressing on local, national and regional need and as per the need of the Department of Higher Education (DHE) and UGC.

To develop & implement curricula which are relevant to the local, regional, national, and global developmental needs is a crucial aspect of educational institutions. By aligning the Programme Outcomes (POs) and Course Outcomes (COs) with these developmental needs, our institutions ensure that their graduates are equipped with the knowledge, skills, and attitudes required addressing real-world challenges and contributing meaningfully to society. Here's how this alignment is typically achieved:

Needs Assessment: We identify the requirements of the local, regional, national, and global communities. This assessment involves gathering input from various stakeholders, including employers, different professionals, alumni, and community leaders and data magazines.

Programme Outcomes (POs): The Pos serve as a guide for the curriculum development process and are aligned with the developmental needs identified earlier.

Course Outcomes (COs): After establishing the POs, individual courses within the program are designed to contribute to the achievement of these outcomes. Head of the Department in association with their faculties create Course Outcomes (COs) that describes what students should be able to learn at the end of each course.

The curricula of the UG and PG programmes have been formulated in a tune of affiliating University. The curiculum used by our institution is a state model CBCS Syllabus developed by Government of Odisha, Department of Higher Education. The curricular structure is prepared after rigorous discussion and pedagogical work conducted both by departmental and external expert. All faculties of concerned Department are members of Board of studies along with nominated persons selected by the vice-chancellor to sit together for preparation of curricular design. Subject allocation to faculty members is done to their specialization and past teaching experience after deliberation in departmental meeting. More emphasis is giving on experience through field/ live projects and internship important part of the curriculum and prepare the learners for their professional journey.

The curriculum is designed to make a student a complete human being realizing the emotional cognitive and spiritual aspects of life.

Regular Review and Updating: Curricula are not static but are subject to periodic review and updating. As the needs of the local, regional, national, and global contexts evolve, the institution revisits the POs and COs to ensure their continued relevance. This process involves seeking feedback from employers, alumni, and students to gauge the effectiveness of the curriculum.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.1.2

The programmes offered by the institution focus on employability/ entrepreneurship/ skill development and their course syllabi are adequately revised to incorporate contemporary requirements

Response:

Udayanath Autonomous College of Science and Technology, adopting the state model Choice Based Credit System syllabus by focusing on skill development which is essential for increasing of productivity and marketability of our students. The vision of the college is to prepare students fit for different skills. The curriculum is so designed that, provides employability, entrepreneurship opportunity in various forms.

Here are the potential benefits and key considerations associated with such an institutional focus:

Enhanced Employability: Aligning course content with current industry demands enhances students' readiness for the job market. They acquire skills and knowledge that are directly relevant to employers, thereby increasing their employability.

Entrepreneurial Spirit: By offering courses that promote entrepreneurship, Udayanath autonomous college of Science and Technology, Adaspur encourages students to think innovatively, take initiative, and potentially start their own ventures. This fosters economic growth and innovation within the community.

Skill Development: A focus on skill development ensures that students not only gain theoretical knowledge but also practical, applicable skills that can be immediately utilized in real-world scenarios.

Qualified Faculty: Recruiting instructors with industry experience enriches students' learning experiences by providing real-world insights and connections.

Feedback Mechanisms: Implementing robust feedback mechanisms from students and industry partners

helps Our college continuously evaluate and improve the effectiveness of its programs.

Lifelong Learning: Encouraging a culture of lifelong learning among students and faculty helps them adapt to rapid changes in technology and industry requirements, staying relevant throughout their careers.

Resources: Adequate resources, including updated facilities, materials, and technology, are essential to deliver high-quality programs that meet contemporary educational standards.

Our college commitment to aligning its educational offerings with employability, entrepreneurship, and skill development not only benefits its students by preparing them for successful careers but also strengthens its position as a leader in higher education. This holistic approach ensures that graduates are well-equipped to meet the challenges and opportunities of the future job market effectively.

The value added course like Mushrooms cultivation, Tissue culture, Nano-technology, Psychological counseling, DTP Odia, Gardening, Human Values, Tally and GST make our students fit for any profession they can choose. Courses like MFC, BITM, MSW help students to be employed in private, public and corporate sector. Master Degree in Economic, Education, English, Political Science, History, and Sociology are helpful to students to acquire basic knowledge for the entry into Services for Selection Board, Banking, Railway, and Odisha Public Service Commission. Logical reasoning and quantitative aptitude as provided by the department of Philosophy and Mathematics are instrumental for entry into services. The syllabus takes care of the modern development in various field to meet the demand of society, industry and academia.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years

Response: 70.4

1.2.1.1 **Number of new courses introduced during the last five years:**

Response: 673

1.2.1.2 **Consolidated number of courses offered by the institution across all   Programmes (without repeat count) during the last five years :**

Response: 956

File Description	Document
Subsequent Academic Council meeting extracts endorsing the decision of BOS	[View Document](#)
Minutes of Board of Studies meeting clearly specifying the syllabus approval of new courses	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum

Response:

The institute integrates cross-cutting issues which are related to professional ethics, Gender, Human values, environment and Sustainable Development Goals (SDGs).

To achieve the integration our educational institution follows different approaches

- *Redesigning the curriculum and revision***:**

Institutions redesign and revise the curriculum to identify opportunities to give it different value frameworks; it involves experts and consultation of the different subject advisers.

- *Grow with new approaches to learning:*

Institution has developed in a way that will make their learners entry into a new world of learning by offering professional ethics, gender, human values, environment and sustainability.

- *Interdisciplinary approach:*

Encourage an interdisciplinary approach to learning by facilitating collaboration and coordination between different departments, this approach allows a more comprehensive understanding of the learner.

- *Co-curricular activities:*

Includes co-curricular activities, workshops, seminars, and guest lecturers that address different things, which are designed to enhance student's personality development, social skills, and academic

performance, with public speech and debate.

- *Practical projects and Research:*

Integrate research opportunities and projects which allows the students to deal with different learning situations and create an ability for problem-solving skills, and future learning perspectives.

- *Progress and Evaluation:*

Our College designs assessment methods that evaluate students understanding and through which students can seriously perform well in their studies as well as motivate themselves for a better teaching-learning process.

- *Faculty Development:*

The provision of finance for FDP, the introduction of different Research projects for faculties, and the provision of seed money to the young faculties, which enhances effective developmental programs to meet the evolving needs of the faculties and academic community is being emphasized.

- *MoU and collaboration:*

MOUs with different educational and Research institutions. Students of our College also work with different NGOs under the MOU.

- *Feedback and Monitoring:*

Continuously monitor the effectiveness of the integration and seek feedback from students, faculty, and other stakeholders to improve and adapt the approach over time.

By adopting these cross-cutting issues and value frameworks into the curriculum, educational institutions can contribute to produce intellectually, socially, and environmentallyresponsible individuals who are committed to achieve sustainable development goals and equitable learning objectives.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years.

Response: 35

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Evidence of course completion, like course completion certificate etc	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

1.3.3

Percentage of programmes that have components of field projects / research projects / internships during the last five years.

Response: 95.65

1.3.3.1 **Total Number of programmes that have components of field projects / research projects / internships (without repeat count) during the last five years**

Response: 44

1.3.3.2 **Total Number of programmes offered (without repeat count) during the last five years**

Response: 46

File Description	Document
Sample Internship completion letter provided by host institutions	[View Document](#)
Sample Evaluated project report/field work report submitted by the students	[View Document](#)
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Program and course contents having element of field projects / research projects / internships as approved by BOS	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

1.4 Feedback System

1.4.1

Structured feedback for curriculum and its transaction is regularly obtained from stakeholders like Students, Teachers, Employers, Alumni, Academic peers etc., and Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed, action taken & communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 79

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
1526	1658	1657	1796	1328

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
2134	2134	2134	2132	1548

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document relating to sanction of intake as approved by competent authority	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 35.35

2.1.2.1 Number of actual students admitted from the reserved categories in the first year of the programme year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
295	240	266	190	100

2.1.2.2 Number of seats earmarked for reserved category as per GoI/State Govt. rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
591	642	642	696	515

File Description	Document
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of the letter issued by the State govt. or Central Government Indicating the reserved categories(SC, ST, OBC, Divyangjan, etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any	[View Document](#)

2.2 Catering to Student Diversity

2.2.1

The institution assesses the learning levels of the students and organises special Programmes to cater to differential learning needs of the student

Response:

 Different strategies are adapted in the institutional level to support the slow learners. First of all the slow

learners are identified by mentoring system, physiological tests and counseling at the time of entry into the institution. Each students' learning needs, strengths ,weaknesses are identified to prepare a teaching plan before commencement of mid -term examination .Considering the performance of students and recommendation of concerned teachers ,slow and advanced learners are identified. Slow learners have slow sensory motor development and more reactions in time leading to defect in vision, hearing and speech. By observation method, case study method, medical examination and scholaristic tests, slow learners are identified. Then they are assigned to a particular mentor to undertake various initiatives continuously like peer learning, special class, tutorial, problem solving, language training, basic communication courses and effective counseling. Remedial instructions, motivations, healthy environment, periodical medical checkup and individual care are provided to each slow learner.

Slow learners are paired with good performers to enhance their learning abilities (Peer group learning)
The soft and communication skills are given special emphasis for the students from rural
Backgrounds to improve these skills and thereby bring them to par with regular learners.
Conduct additional tutorial classes for improving the student's knowledge

The advanced learners are identified taking into account the involvement of the students in the class rooms and result sheets of concerned examinations. They are taken care by providing question bank, providing more skill courses. Encouraging them for self directed projects and research based on their interest and abilities. They are provided with books, articles and resources at a higher level of complexity. Advance learners are the brand ambassador of the institution groomed by the department through participation in conference, skill training, web development and peer teaching. Institution always tries to engage them in learning by providing reading room facilities with well maintained libraries. Different varieties of recent articles and publications are available in reading room to enrich the knowledge of advance learner in every field as well as the field of interest of the students. Our institution provides e-library by which the students can easily avail the books with fewer difficulties. Proctors motivate them for self -directed learning by identifying the resources and online courses. Students are motivated to apply their learning in their real life situation because practical experience is essential for mastery. Our institution has set up well equipped laboratories with good and advance equipment for science practicals. Our institution tries to engage them in teaching or mentoring others by student seminars which can deepen their understanding and reinforce the knowledge. Our institution engages them in creative thinking to develop new ideas with alternative view points and constructive criticism.

File Description	Document
Upload Any additional information	View Document
Provide link for additional information	View Document

2.2.2

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

Response: 24.11

File Description	Document
List showing the number of students in each of the programs for the latest completed academic year across all semesters	**View Document**
Certified list of full time teachers along with the departmental affiliation in the latest completed academic year.	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experience and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

Our college follows student centric approaches by creating individual learning plans for each student based on their strength, weakness and goals. The institution encourages the students for the active participation through discussions, group works, problem solving and hands on activities. Our organization fosters the collaborative learning among the students with other institutions. The students are provided with ongoing assignments and timely feedback to track their progress and make improvements. Our learners are empowered through participative learning and problem solving learning. Participative learning is achieved through participation of students in seminar, workshops, debate, panel discussion, student seminar, group discussion and poster presentation. It is a mechanism of participate and learn. In addition to this the student centric method is achieved through problem solving methodologies like tutorial classes, case study, budget analysis and assignment. Ourinstitution use ICT form of pedagogical interactions in the institutions in the form of smart class, YouTube, PPT, Google Meets and ZOOM platform. Course management, course content, lesson plans are properly maintained by the teachers using modern tools. The institution provides knowledge through experiential learning like visit to historical sites, companies, analytical skills through project skills. Different departments create conductive atmosphere learning through seminar, workshops and interactive lectures. Student's seminars are organized in different departments to make them aware of the concept and presentation and critical thinking. Our college encourages the students to ask questions to investigate and discover knowledge on their own. Our college follow student centric methods such as experiential learning in the form of summer internship, project study, certificate courses, experiments in the laboratories and value added courses. The motto of our institution is to promote holistic development as well as to ensure that all students regardless of their background or abilities have the opportunities to succeed. The institution has provided a reading room with more number of multiple copies of books of different authors. So that each and every student can utilizes the books according to their needs. Through e-libraries they can access foreign as well as regional authors books without any expenditure .Through different examinations like monthly tests ,surprise tests, midterm examinations and semester examination, Our college assess the

students with100% completed syllabus. Besides that our college also uses the portfolios, presentation and self assessment to gauge students understanding. Beyond traditional tests Institution allows the students to work collaborate with other institutions through which the knowledge of the students will be sustained by faculty members of different institutions. They can utilize the laboratories and libraries of the other institutions. In this way our college has created a supportive, inclusive and diverse learning environment that accommodates various backgrounds and abilities. Our college adopts the learning process based on student feedback and evolving educational needs. Our teacher acts as facilitators, guiding and supporting students rather than simply delivering information. We use the student feedback to refine teaching methods. We recognize every student as unique, so we develop tailored strategies and resources to achieve their full potential.

File Description	Document
Upload any additional information	[View Document](#)
Provide Link for Additional Information	[View Document](#)

2.3.2

The institution adopts effective Mentor-Mentee Schemes to address academics and student-psychological issues

Response:

The college has introduced Proctorial system for maintaining healthy relationship between the teacher and taught and the stake holders and institution, so that a student finds way to solve the problems arising out of stress and pressure of one's life. The teacher is not the teacher only in the classroom but a mentor and a guide. The mentoring system is undertaken in the campus with the help of mentor and mentee through which there is the sharing of student interest, academic goals or personality test. The mentor is the father confessor and the mentee mostly confess the details of their strength and weaknesses to the mentor, who in term will try to alleviate their sorrows, grievances or complains through advice and proper guidance. The objective of this system is to develop a cordial relation between teacher and students. Participation in the academic and administrative issues that enable them to build capacities which promote student and Institution wellness. These cordial relations have been fruitful in terms of maintaining a green campus zero student unrest, participation in various community Service Programmes, organization of various talks, awareness regarding environment, Constitutional values, gender sensitization, and human rights. Regular activities of different clubs.

Through the system mentors provide training to the mentees including active listing skills, empathy, conflict resolution and basic counseling techniques. This system helps to educate mentees on available academic and psychological resources. Through this process the institution set clear goals and expectation for the mentorship programme such as the frequency and duration of meeting and defines the scope of academic and psychological support that mentors can offer.

To achieve the goal frequent meetings are conducted between the mentors and mentees the meeting may be in person, via video call or through text message. Mentors assist the mentees with study strategies, time management and academic goal setting. Mentees are supported by listen their problems by giving emotional support and referrals to counseling services when necessary. Mentors focus on building mentees resilience and coping skills. Institution collects feedback from both mentors and mentees to assess the effectiveness of the programme and also make effective decisions based on feedback to continuously improve the system. Our institution engages faculties and counseling professionals to provide guidance. Confidentiality and appropriate boundaries are maintained in mentor mentee relationships. Mentors encourage mentees to provide feedback testimonials about their experiences. Institution develops plan for the long term sustainability of the progamme. By creating well structured mentor mentee system institution effectively address both academic and psychological issues, fostering supportive and nurturing academic environment.

File Description	Document
Upload any additional information	[View Document](#)
List of Active mentors	[View Document](#)
Provide Link for Additional Information	[View Document](#)

2.3.3

Preparation and adherence of Academic Calendar and Teaching plans by the institution

Describe the Preparation and adherence to Academic Calendar and Teaching plans by the institution.

Response:

Preparation and adherence to academic calendar in educational institutions are essential for the smooth functioning of the academic year. Our institution has a systematic process of preparation and adherence to the academic calendar and teaching plan. The academic calendar starts by establishing a planning committee consisting of administrators and faculties. The teaching pedagogy encompasses values, integrates ICT, nurtures global competencies and promotes national development with a quest for Excellency. There are three levels of planning to adhere the academic calendar and teaching plan. Our institution organizes annual strategic plan before the commencement of the academic year. The extensive departmental calendar is included in the academic calendar and teaching plan of the institution. Teacher's council prepares the academic calendar at the commencement of the academic year incorporating major events such as international and national conferences, orientation, FDPs, workshops, training programmes, internships, field visits, extension activities, sports and co-curricular and cultural fests. End semester examination and continuous internal evaluation and schedule are prepared by the controller of examination. As per the availability of faculty the institution prepares teaching assignments. A Holiday list is prepared by identifying the public holiday, semester breaks and any special days relevant to the institutions culture or region. Examination periods and dates are set by creating a balanced exam schedule to avoid back to back examinations for students. Once the calendar is finalized it is approved by IQAC in its general meeting considering various guidelines of Department of

Higher Education of Government of Odisha. At the department level the department calendar of academic activities is prepared. The time table is prepared at the beginning of every semester. The teaching learning strategies of various programmes are planned during department meeting. At teacher level course allocation is done considering faculty preference and expertise. Course plan is a detailed schedule of teaching plan prepared by the respective course teacher in accordance with the format provided by the IQAC. The approved teaching plan is submitted to IQAC. Teaching plans include lesson plan, lesson notes, laboratory manuals and study materials. The academic planners focus on preparation of question bank on each programme and each course.

Our institution ensures that the academic calendar is adhering to with a strong commitment from all parties including faculty, staff and students. The institution regularly reviews the calendar to identify any deviations and adjust as necessary. Any changes or updates to the calendar are informed to all stakeholders. Resources like classrooms, laboratories, technologies, materials are allocated according to the calendar and updated as needed. Supporting services like libraries, counseling and student services are aligned with the academic calendar. After each academic year feedbacks are gathered about the effectiveness of academic calendar and are used to make improvements in subsequent years. Adherence to the academic calendar is crucial for providing a structured and productive learning environment.

File Description	Document
Upload any additional information	[View Document](#)
Provide Link for Additional Information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers appointed against the number of sanctioned posts year wise during the last five years

Response: 83

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
188	164	178	191	154

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts).	[View Document](#)
Provide the relevant information in institutional website as part of public disclosure	[View Document](#)
Institutional data in the prescribed format (data template merged with 2.4.3 and 2.4.4)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.2

Percentage of full time teachers with Ph.D./D.Sc. / D.Litt./ L.L.D during the last five years

Response: 13.48

2.4.2.1 **Number of full time teachers with *Ph.D./D.Sc. / D.Litt./ L.L.D* during the last five years**

Response: 24

File Description	Document
List of faculty having Ph.D./D.Sc. / D.Litt./ L.L.D along with particulars of the degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institutional data in the prescribed format (data template merged with 3.2.3 and 3.4.2)	[View Document](#)
Copies of Ph.D./D.Sc. / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.3

Average teaching experience of full time teachers (Data to be provided only for the latest completed academic year, in number of years)

Response: 10.83

2.4.3.1 **Total teaching experience of full-time teachers as of latest completed academic year**

Response: 1928

File Description	Document
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.4)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.4

Percentage of full time teachers working in the institution throughout during the last five years

Response: 86.18

2.4.4.1 **Number of full time teachers worked in the institution throughout during the last five years:**

Response: 106

File Description	Document
Institutional data in the prescribed format (data template merged with 2.4.1 and 2.4.3)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Average number of days from the date of last semester-end/ year- end examination till the last date of declaration of results during the last five years

Response: 39.2

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 last five years*

2022-23	2021-22	2020-21	2019-20	2018-19
39	39	39	39	40

File Description	Document
Result Sheet with date of publication	[View Document](#)
Policy document on Declaration of results (if any)	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Exam timetable released by the Controller of Examination	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5.2

Percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 1.04

2.5.2.1 **Number of complaints/grievances about evaluation year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
15	18	14	13	17

2.5.2.2 **Number of students appeared in the examination conducted by the institution year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1691	1639	1338	1291	1477

File Description	Document
List of students who have applied for re-valuation/re-totaling program wise certified by the Controller of Examinations year-wise for the assessment period.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5.3

IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA)/Formative Assessment have brought in considerable improvement in Examination Management System (EMS) of the Institution

Describe the examination reforms with reference to the following within a minimum of 500 words

- **Examination procedures**
- **Processes integrating IT**
- **Continuous internal assessment system**

Response:

Autonomous examination section is reformed with examination policy and evaluation policy. The examination management system has been improved with modern IT integration. Our institution provides online orientation and offline orientation on invigilation, evaluation and conduct of examination. Admit card and mark sheets are automatically generated with SGPA and CGPA. Grievances, redressal mechanism is there to address the grievances of the students. The results are declared in time and notified in college website. Data base of subject experts are maintained properly for all courses and for all programmes. The question papers are set for mid-semester and semester examination as per the recommendation of concerned board of studies. IT integration and internal assessment can lead to increased efficiency, accuracy, transparency and students satisfaction while reducing cost and enhancing data security in an examination management system.

Integration of IT in different activities of examination

Examination application: Candidates can apply for end semester examination through Examination management system (EMS).

Examination fee: Examination fee remittance is processed through electronic funds transfer and furnishing the details through EMS.

Invigilation chart: Invigilators chart is generated digitally.

Results: The results of end semester examination (ESE) are furnished through the EMS viewed only by the individual students.

Online examination: Our institute facilitates the conduct of examination through online mode during covid-19 pandemic situation.

Issue of mark cards: CGPA of examinations is calculated after every semester and the consolidated mark cards are generated at the completion of the programme.

Provisional degree certificates (PDC): PDC is generated for the candidates after completion of the programme.

Close circuit camera installation: The examinations are monitored by close circuit cameras and back up

is maintained.

Hall ticket with seating arrangement: Venue and seating arrangement of the examinations are made in the EMS through IT integration.

Positive impacts of IT integration in examination

IT integration and reforms in the examination procedure including continuous internal assessment or formative assessment have brought significant improvement to the examination management systems of our institution.

IT integration enhances transparency with the use of IT systems. Students, faculties and administrators have accessed to real time information regarding examination schedules, grades and other essential details. This reduces confusion and misunderstanding.

IT system ensures the accuracy and integrity of examination related data which reduces the risk of errors in student record and results. It allows improved communication between students, faculty and administrators. This fosters better coordination and quick issue resolution.

IT systems in our college equipped with security measures to safeguard examination data and ensure compliance with data protection regulation. Students get benefit from user friendly portals that provide access to examination related information, allowing them to focus on their studies rather than administrative hassels. Data stored in IT systems is often backed up securely, ensuring the availability of the examination data even in the face of unexpected disasters.

File Description	Document
Upload any additional information	[View Document](#)
Provide links as Additional Information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution

Response:

Programme Outcomes and Course Outcomes or graduate attributes are essential components of educational programmes. In our institution a systematic and a structured mechanism of outcome based education (OBE) is filled with total seats. On the measurement of student performance weightage is given for graduate programme in realms of knowledge, skill and attitude to ensure the holistic development of the students.

Programme outcome outline the knowledge, skills and attitudes that students should gain by the end of the programmes. The course outcome lead to programme outcomes, play a major role in formulating and revising the curriculum. This outcome based education co relates with the mission and vision of our institution. Course outcome is that through which the students are expected to achieve by the end of the each course.

Graduate Attributes (GAs):

The GAs encompasses the qualities, characteristics and skills that a university or institution aims to instill in its graduate. At successful completion of the programme the graduate of the institution will be able to—

- Comprehend the fundamental knowledge of the subject.
- They developed the ability to analyse, interpret and draw conclusion from quantitative and qualitative data.
- They able to translate their learning for the betterment of the society and environment focusing on human dignity.
- A sense of communication skill is developed within themselves to present the information in a clear cut manner.
- They can develop the capacity to apply analytical thought to evaluate.

Formulation of POs, PSOs and COs:

Pos, PSOs and Cos were formulated after elaborate interaction with GB and faculty members of the institution. They are approved in the Board of studies and academic council and uploaded in the website.

Communication of POs, PSOs and COs:

POs and COs are prepared and communicated to the students in the department meeting. Syllabus for all programmes and list of prescribed textbooks and reference books, learning objectives and outcomes are made available in https://udayanathcollege.ac.in/. Orientation is provided to the faculty members regarding POs, COs mapping and attainment measures. Few hard copy of syllabus, booklets made available in the department.

The course outcomes and programme outcomes are identified by respective Board of studies and approved by academic council. The course outcomes are designed in alignment with the programme outcomes which are specific measurable. The graduate attributes of the students are derived from the vision and mission of the institution. The programme outcomes end over to attain the graduate attributes. After successful completion of the programme the graduate of the institution will be able to apply their skill to solve a complex problem and capacity to define a concept. They have interpersonal communication skill and able themselves in changing the world.

File Description	Document
Upload POs and COs for all courses (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Provide links as Additional Information	[View Document](#)

2.6.2

Pass percentage of students (excluding backlog students) (Data for the latest completed academic year)

Response: 86.87

2.6.2.1 **Total number of final year students who passed the examination conducted by Institution during the latest completed academic year:**

Response: 1469

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Certified report from the COE indicating the pass percentage of students of the final year (final semester) eligible for the degree program-wise / year wise	[View Document](#)
Annual report of Controller of Examinations (COE) highlighting the pass percentage of final year students	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.61

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

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

Response:

Response: Positive

Our institution provides platform for nurturing a scientific bent of mind which is very conducive for carrying our research work. It has a systematic research policy acts as a watch dog for doing different types of research activities. Our research work is being guided by the current societal trends and requirements. The research advisory committee of the institution encourages for carrying out inter disciplinary research work in fields like Humanities, Science and Commerce. It has a well-defined research policy which has been uploaded on the institutional website and also implemented.

Function of research committee:

- Research committee will meet bi-monthly to invite research proposals to select projects and will monitor the progress of research work.
- Organization of seminars/symposia/workshop through intra-mural and extra-mural support.
- Inviting nationally and internationally recognized academicians for lectures/interactions with faculty members and research scholars.
- Signing of MOUS with state/national level institute/universities.

Funding of research project:

- Research committee is authorized to estimate the annual budget for research purpose and submit the same to governing body for approval of seed money.

- Provision of seed funding to young faculty members below 50 years of age to promote research and innovations.

- Research committee for UGC officers will encourage the young researchers to apply for funding from different Govt. and Non Govt. organizations.

Incentives for researchers:

- Research committee is authorized to promote financial support for faculty members for research paper presentation in national/international/conferences/seminars/workshops.
- Rewards/Recognitions to teachers for outstanding research accomplishments.
- The institution has provided seed money to its faculty member to conduct minor research project.

There are well-equipped laboratories in different departments and they are constantly upgraded to

meet the requirement of research work. The following facilities are updated during the last five years.

- Life science laboratories have UV-visible spectrophotometer, UV-visible dual beam spectrophotometer- Soxhlet apparatus for sulvent treated oil extraction, Trinocular microscope with digital camera attachment, Clevenger's apparatus for hydro distillation of essential oil, Tissue culture lab, deep freezer.
- UV-VIS-spectrophotometer 119 (Pc-based) PH-meter-model-361, vacuum pump rocker- 300, melting point apparatus, potentiometer model-318.
- We have two research labs in physical science and biological science which enhance the research capacity at individual level and departmental level.
- Psychology laboratory has been set up having computers with SPSS facilities and following testing materials for to conduct different psychological test by PG and UG department.
- Rorschach Inkblot techniques, Thematic Apperception Test, 16PF, EPQ and MPQ- Personality inventory to test personality.
- PGIBBD, Long Bhatia, AIIMS Battery, to test the cognitive ability.
- There are also several rating scale to diagnose, depression, anxiety, autism, ADHD and OCD etc.
- The institution has 199500 e-book, 45 journals and more than 6000 e-journals to help research work.

File Description	Document
Upload any additional information	[View Document](#)
Provide links as Additional Information	[View Document](#)

3.1.2

The institution provides seed money to its teachers for research

Response: 0

3.1.2.1 **Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Sanction letters of seed money to the teachers is mandatory	**[View Document](#)**
List of faculty who have been provided with seed money for research along with the title of the project, duration and amount year-wise	**[View Document](#)**
Institutional data in the prescribed format (data template)	**[View Document](#)**
Audited Income-Expenditure statement highlighting the expenditure towards seed money endorsed by the Finance Officer	**[View Document](#)**
Provide Links for any other relevant document to support the claim (if any)	**[View Document](#)**

3.1.3

Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years

Response: 2.81

3.1.3.1 **Number of teachers who received national/international fellowship /financial support by various agencies, for advanced studies / research; year-wise during the last five years**

Response: 5

File Description	Document
List of teachers who have received the awards along with nature of award, the awarding agency etc.	**[View Document](#)**
Institutional data in the prescribed format (data template)	**[View Document](#)**
E-copies of the award letters of the teachers	**[View Document](#)**
Provide Links for any other relevant document to support the claim (if any)	**[View Document](#)**

3.2 Resource Mobilization for Research

3.2.1

Total Grants research funding received by the institution and its faculties through Government

and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years (INR in Lakhs)

Response: 20.62

File Description	Document
List of Extramural funding received for research, Endowment Research Chairs received during the last five years along with the nature of award, the awarding agency and the amount	[View Document](#)
Institutional data in the prescribed format (data template is merged with 3.2.2)	[View Document](#)
Copies of the letters of award for research, endowments, Chairs sponsored by non-government sources	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.2.2

Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

Response: 0.03

3.2.2.1 **Number of research projects funded by government and non-government agencies during the last five years.**

Response: 05

File Description	Document
List of project titles with details of Principal Investigator, amount sanctioned and sanctioning agency etc	[View Document](#)
Institutional data in the prescribed format (data template merged with 3.2.1)	[View Document](#)
Copies of the grant award letters for research projects sponsored by government agencies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.2.3

Percentage of teachers recognised as research guides as in the latest completed academic year

Response: 0.56

3.2.3.1 **Number of teachers recognised as research guides as in the latest completed academic year:**

Response: 1

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	[View Document](#)
Institutional data in the prescribed format (data template merged with 2.4.2 and 3.4.2)	[View Document](#)

3.3 Innovation Ecosystem

3.3.1

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

Response:

- Being a premier institution, our research advisory committee serves as a think –tank to promote innovation and foster knowledge.
- "Current issues in intellectual property right in India"- a seminar which has informed us regarding the issues related to IPR and its relevance in the present educational scenario.
- We are trying to enrich our students mind with our rich heritage and culture. Through different seminars regarding the hidden treasure of Indian knowledge system.
- We try to sensitize our students about contribution made by ancient Indians in the field of science, philosophy, literature, mythology, yoga, and traditional medicine etc.
- The Yoga center of the institution which helps the student to promote a healthy life style and foster a positive body image.
- Our educational institution gives stress on building the character of an individual by organizing seminars like "Relevance of value Education in the 21st century: "Life skill education in the 21st century: A discourse, skills like decision making, empathy are developed.
- 'The Relevance of Gandhiji in the contemporary situation', "Culture literature and Philosophy" "literature and life" are some of the seminars which have enhanced our institutions knowledge disbursing role.
- Symposia on philosophy of Samkhya and Vedanta have provided the knowledge about Indian schools of philosophy. 'Indian tradition with special reference to the philosophy of Yoga' has given us the knowledge about creating a sound mind in a sound body.
- Observing the international day of yoga- "Yoga: The holistic approach to a good life' have made us well aware about the idea of health is wealth.
- We are also trying to make our students technosavy by organizing talks and workshops like 'CLOUD COMPUTING', 'ETHICAL HACKING' and also making our students well equipped

with business skills through departmental seminars like 'Business intelligence'.

We have a incubation center helps business formulation plan start up training and idea generation .

File Description	Document
Upload any additional information	[View Document](#)
Link for Any other additional information	[View Document](#)

3.4 Research Publications and Awards

3.4.1

The Institution ensures implementation of its stated Code of Ethics for research.

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 committee (Animal, Chemical, Bio-ethics etc.)**
3. **Plagiarism check through software**
4. **Research Advisory Committee**

Response: B. Any 3 of the above

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of the syllabus of the research methodology course work to indicate if research ethics is included	[View Document](#)
Constitution of the ethics committee and its proceedings as approved by the appropriate body	[View Document](#)
Constitution of research advisory committee and its proceedings as approved by the appropriate body.	[View Document](#)
Bills of purchase of licensed plagiarism check software in the name of the HEI	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.2

Number of candidates registered for Ph.D per teacher during the last five years

Response: 12

3.4.2.1 **Number of candidates registered for Ph.D during the last 5 years:**

Response: 12

File Description	Document
Ph.D. registration letters/Joining reports of candidates.	[View Document](#)
Letter from the university indicating name of the Ph.D. student with title of the doctoral study and the name of the guide.	[View Document](#)
Institutional data in the prescribed format (data template merged with 2.4.2 and 3.2.3)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4.3

Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Response: 0.01

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

Response: 02

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

3.4.4

Number of books and chapters in edited volumes published per teacher during the last five years

Response: 0.23

3.4.4.1 **Total Number of books and chapters in edited volumes published during the last five years**

Response: 41

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

3.4.5

Bibliometrics of the publications during the last five years based on average Citation index in Scopus/ Web of Science

Response: 5.88

3.4.6

Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-index of the Institution

Response: 3.5

3.5 Consultancy

3.5.1

Revenue generated from consultancy and corporate training during the last five years

Response: 0

3.5.1.1 **Total Amount generated from consultancy and corporate training year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Letter from the corporate to whom training was imparted along with the fee paid.	[View Document](#)
Letter from the beneficiary of the consultancy along with details of the consultancy fee	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
CA certified copy of statement of accounts as attested by head of the institution	[View Document](#)
Audited statements of accounts indicating the revenue generated through corporate training/consultancy.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.6 Extension Activities

3.6.1

Outcomes of extension activities in the neighbourhood community in terms of impact and sensitizing the students to social issues and holistic development, and awards received if any during the last five years (Showcase at least four case studies to the peer team)

Describe the impact of extension activities in sensitising students to social issues and holistic development with four case studies within a maximum of 500 words

Response:

Response-Positive

- Social commitment is an integral part of the college vision. Student and faculty orientation programme emphasize the critical significance of social outreach programme for holistic development and integrated learning.
- Extension education is a system of educational outreach and recovery that provides learning opportunities to people who are not enrolled in or attending regular formal schooling.
- Udayanath Autonomous College of Science and Technology has gone a long way of progression

and make its identity in the entire state as one of the premiere institution. As we all know education is the key to prosperity and open a world of opportunities and contributes to a progressive and healthy society.

- The college believes and promotes students for ethical and moral activities trying to add social values to the society, grooming the students as a responsible civilian of India. The institution strives to install civic responsibilities in the young minds of students through extension and outreach programmes and value based courses so that they develop into sensitized, socially responsible individuals..

- The institution conducts never hood community activities through NCC, NSS, YRC, Rovers and Rangers, master of social work department and along with various clubs such as Eco club, literary club, film appreciation club, heritage club, social outreach cell, women development cell, spiritual club and health club for the wholesome development of the students, the college emphasizes on its social responsibilities carrying out activities like public awareness campaign, voluntary blood donation camp, adaption village, vote awareness campaign, vigilance awareness programme, environmental awareness programme , swachha bharat abhiyan etc.

- This programme causes the educational institution to have linkage with and serve the vigor community that make the institution real and alike in the hearts and mind of the community.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

3.6.2

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years

Response: 43

3.6.2.1 **Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years.**

2022-23	2021-22	2020-21	2019-20	2018-19
9	5	13	8	8

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

3.7 Collaboration

3.7.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

Response: 14

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for

1. **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
2. **ICT – enabled facilities such as smart class, LMS etc.**
3. **Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.**

Response:

Response: Affirmative

Udayanath Autonomous college of Science and Technology, is raising its value high by creating and enhancing qualitative and effective teaching learning process. Adequate infrastructural facilities are available and are upgraded for effective teaching – learning & holistic development of the students. The UGC norms for infrastructure of classrooms, laboratory, library, recreation area and reading rooms have been fulfilled .The floor space, furniture, equipment, support system and ICT facilities meet the statutory facilities. The green campus of 30.62 acres has well planned facilities for academic and co-curricular activities.

1.Classroom   facilities

 There are 80 well –ventilated and specious classrooms with ergonomic furniture to accommodate all the students. Accessibility to all floors is provided through broad staircases and corridors. Some classrooms are equipped with green boards, LCD projectors and LAN connectivity with ITC facilities. Notice boards are available in all the departments. Dustbins are provided for collecting segregated waste in all the classrooms. Wi-Fi access points in all floors of all the building enable connectivity during classes. The college has a total built up area of 369515 sqft out of which 75222 sqft were added from 2017 - 2022.

2. Laboratories :

Specialized labs across computer science, physics, mathematics, and psychology support data analysis, modeling, and equipment control. Equipped with safety measures, including showers and fire extinguishers, labs feature refrigerators and deep freezers (-20°C) for sample storage. Incubators maintain conditions for experiments and a telescope aids sky observation and community education on eclipses. About 20 labs serve UG and PG science, allied science, and social science departments.

3.Computing Equipment :

  The college is executed through automated software in different sections like Accounts, Library, Examination Cell as well as Autonomous Cell. The students are provided with online payment system

along with online Exam form fill-up, Online admit card and online results. In-house Learning Management System (LMS) is a complete automation solution for academic activities that is implemented by the institution.

4 . Facilities for sports and games :

Believing in the co-existence of a sound mind sound body, Uday Nath(Autonomous) college has a specific organization for sports and games. The college has a mini stadium consisting of 12 acres of land named as "Prachi Gym Khanna and Stadium". The stadium is provided with a pavilion of 900 capacity audience strength to watch sports. The stadium has the facilities for playing Cricket, football, volley, table, kho-kho, lawn tennis and table tennis .**The college has a swimming pool (50*21m) where students practice swimming with the assistance of well-trained coaches.**

5 .Other facilities :

The college has a multi-purpose hall with a sitting capacity of three hundred audiences where various seminars, workshops, conferences & cultural activities are being conducted. It has also a mini conference hall where various meetings are also organized. Apart from the academic activities the institution has provided an open air class system named "TAPOVAN" to conduct debate, quiz and group discussion in a natural environment.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

4.1.2

Percentage of expenditure excluding salary, for infrastructure development and augmentation year wise during the last five years

Response: 48.92

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
433.38	338.99	49.85	229.85	374.95

File Description	Document
Institutional data in the prescribed format (data template is merged with 4.2.2 and 4.4.1)	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Response: Affirmative

Library is a very useful platform that brings together people willing to learn. The institution has provided such a platform with peaceful surrounding. **Pandit Godabarisa Mishra Library** perceived as a holy shrine of and pivot to the physical and academic infrastructure of the college, the library is equipped with 20000 text books, 37160 number of reference books , 21,489 number of titled books,1,99,500 e-books , 45 journals , 6000+ e-journals   . The library is the primary learning resource of the college and it is automated through integrated library management system known as the **"e-Granthalaya"** software, developed by National Informatics Centre, Government Of India since 2012.The software consists of modules such as master data, data utilities, book acquisition, author directory, check duplicate title, add new title , received document accessioning , bill detail, payment detail, cataloguing, retro conversion, stock verifications, bar coding circulation. The library is equipped with separate spacious reading room with a sitting capacity of more than 500 students.

The library is a subscriber of **INFLIBENET (N-LIST)** which provides e-journals and e-books. The library is also getting facilities of databases from EBSCO provided by Higher Education Department, Government Of Odisha for Teachers and Students. The **Pandit Godabarisa Mishra Library** not only fulfills the need of the students and teacher but also fulfill the need of the researchers, members of the local community and the Alumni. . There is also a reference counter of Dissertations PG and UG students which will help them in their future research work. It also subscribes Twenty News Papers and Fourty Magazines in order to enhance the reading habit of the students and faculties.

The library extends support to the research and publications process of Faculty and Researchers. Library offers smart, professional and sustainable solutions to the institute's existing and future research

environment, to position itself at cutting edge of technological development and contribute to the increased visibility, dissemination, conservation and evaluation of scholarly production.

The Library Constantly disseminates information regarding the facilities and programmes on the institutional website, e-mail, social media and mobile application. The library staff provides orientation on library resources and usage to the students and faculty. The Library provides training on different databases like EBSCO, J-Gate & N-List are organized.

The PGM central library has the following facilities which fulfill the needs of the students, faculty and research scholars for their specific study and reference purpose.

1. Rare Books – The Library holds many rare books i.e. Documents on classics ,demography religions , library criticism, Biographies, Ancient Indian Culture , and other subjects like basic sciences , life sciences ,Astronomy , Economics , Literature etc.
2. Palm Leaf Manuscripts -The Library has collection of ten manuscripts which are made available for faculty, students and research scholars as and when necessary.
3. Other Knowledge Resources – The library holds about 1620 different knowledge resources which includes handbooks, manuals, standards biographies, gazetteers, Dictionaries, thesaurus, encyclopedias. Maps and atlases.
4. Special reports – The Library contains twenty special report of Reserve Bank of India.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

4.2.2

Percentage of expenditure for purchase of books/ e-books and subscription to journals/e-journals year wise during the last five years

Response: 0.49

4.2.2.1 **Expenditure for purchase of books / e-books and subscription to journals/e-journals year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0.58	0.53	5.74	0.84	6.50

File Description	Document
Institutional data in the prescribed format (data template merged with 4.1.2 and 4.4.1)	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for purchase of books/ e-books and subscription to journals/e-journals should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

IT infrastructure

The IT infrastructure of the institute is constantly updated to meet the needs of the students. We are constantly adapting to the ever -evolving technologies. In-house Learning Management System (LMS) is a complete automation solution for academic activities that is implemented by the institution. The college is executed through automated software in different sections like Accounts, Library, Examination Cell as well as Autonomous Cell. The students are provided with online payment system along with online Exam form fill -up, Online Admit Card and online results. The college is currently having 100MBPS bandwidth of un-interrupted internet from two different service providers. The whole college is running under high bandwidth optical fiber Wi-Fi network. Six smart classrooms have been established for smooth conduct of Teaching Learning Process.

The smart Auditorium is equipped with latest ICT facilities to conduct Seminars with capacity of more than 300 students. The institution has multiple number of smart class rooms equipped with projectors and audio visual equipment. The college has an ICT facilitated conference hall for meetings and seminars with a capacity of more than50 students. All computer labs are under high-speed secure LAN system with 24hrs internet facility along with proper fire extinguishers to avoid any accidental conditions.

The institution has updated computers i3 & i5 processors which are provided with adequate LAN facilities. The institution has 23 licensed software with scanning, Xerox facility and other peripherals.

The printer and peripherals are updated on a regular basis to keep up with the rapidly changing technology. In addition, the institution website https://udayanathcollege.ac.in/ displays the details of the institution with courses offered, faculty, infrastructure, upcoming events in the individual departments and information of the well performed / awarded students. Power back up facility is available for all the systems are also maintained regularly. ICT facilities are available for teaching – learning, research work, access to e-resources on net and research work. Students are provided with Wi-Fi facility across the campus. Also, Wi-Fi facility is available in the hostels of the basis.

The library has a digital section that includes e-books, e-journals and access to online databases to support research and learning. The IT management policy is used by the Institution to effectively manage its information technology resources. The policy covers various aspects of IT , including data security , network uses etc.

File Description	Document
Upload any additional information	View Document
Provide the link for additional information	View Document

4.3.2

Student - Computer ratio (Data for the latest completed academic year)

Response: 14.8

4.3.2.1 **Number of computers available for students' usage during the latest completed academic year:**

Response: 290

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.3.3

Institution has dedicated audio visual centre, mixing equipment, editing facility, media studio, lecture capturing system(LCS) and related hardware and software for e-content development

Response:

Audio Visual Centre: The institute has provided physical space equipped with various audio and visual equipment to facilitate content creation, recording, and broadcasting. It could include items like cameras, microphones, speakers, and projectors.

Editing Facility: The institute contains dedicated room or area equipped with computers and software for video and audio editing. It's where raw footage is transformed into polished final products.

Media Studio: A media studio is a versatile space used for various types of content creation, including photography, videography, and audio recording. It's typically equipped with lighting, backdrops, and other tools for professional-quality production.

Lecture Capturing System (LCS): The lecture capturing system is a technology used to record and capture lectures or presentations. This system might include cameras, microphones, and recording software to capture both the presenter and any visual aids, such as slides or presentations. More than hundred Lectures have been published in YouTube through LCS.

Hardware and Software: The institution has a range of specialized hardware and software to support content creation and editing. This could include high-performance computers, professional cameras and microphones, video editing software, audio processing tools, and more.

All of these components combined indicate that the institution has invested significantly in creating high quality e-content. This is particularly valuable in today's digital age, where online learning and multimedia content have become integral parts of education and communication. Such facilities can enhance the learning experience for students, enable effective communication of ideas, and support various types of media production within the institution.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years

Response: 40.97

4.4.1.1 *Expenditure incurred on maintenance of physical facilities and academic support facilities of DDE and total expenditure excluding salary, year - wise, over the last five years (INR in lakhs)*

2022-23	2021-22	2020-21	2019-20	2018-19
272.20	346.84	115.96	280.83	179.25

File Description	Document
Institutional data in the prescribed format (data template merged with 4.1.2 and 4.2.2)	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA and counter signed by the competent authority (relevant expenditure claimed for maintenance of physical facilities and academic support facilities should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4.2

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

Describe policy details of systems and procedures for maintaining and utilizing physical, academic and support facilities within a maximum of 500 words

Response:

Maintenance of laboratories: Lab technicians and support staff maintain labs and equipment, with inventory registers for stock verification. Regular cleaning prevents contamination. Equipment like balances, pH meters, and thermometers undergo periodic calibration. Fire extinguishers are checked regularly. Labs are inspected before each semester. Chemicals are stored safely. Online UPS supports costly physics and computer lab equipment. Hazardous waste disposal follows regulations. Inventories are managed for lab efficiency.

Maintenance of Library :

The Library Committee is formed to add and advice the function of Library and reading room effectively the function of library committee as follows

a.To advice the development of library

b. To deleberate on policies of Library and reading room

c.To support the Library effort in ensuring financial accountabilty & responcibility.

Maintenance of sports complex :

The sports complex of the college named **PRACHI GYM KHANA AND STADIUM** is maintained regularly to facilitate the students and athletes. A sports committee has been formed for the maintenance and upkeep of infrastructural facilities pertaining to Sports complex. Prescribed norms are followed before any purchase, repair or replacement decision. The sports fields, courts, tracks, and other athletic facilities are regularly inspected to ensure they are in good condition. The equipments such as goal posts, nets, balls, and gym apparatus are maintained regularly to keep them in working condition. The damaged equipments are replaced or repaired as needed. The playing surfaces are kept in good condition by repairing any damage and ensuring proper drainage and irrigation systems. Proper sanitation of locker rooms and rest rooms are maintained and necessary repair is done as issue arises. **In order to ensure regular cleaning & cleansing of the swimming pool, a filtration plant house with machinery of the latest technology has been installed to keep the facility in running use.**

Maintenance of Computers:

College IT policy ensures computer maintenance: antivirus and anti-malware updates, disk cleanup, software updates, data backups, UPS for power supply, and air conditioning for cooling. IQAC-approved policy secures licensed software and lab computers.

Maintenance of classroom:

Classrooms are well-furnished and spacious. Three smart classrooms, one funded by Department of Higher Education and maintained by IIT Kharagpur, enhance learning. Timetable committee ensures optimal space usage. Academic bursars oversee classrooms; maintenance committee manages furniture and cleanliness. Centralized maintenance ensures campus hygiene, sanitation, power, water supply, solar power, and security. Construction committee handles material resources. Food committee ensures healthy food in cafeteria and hostels.

File Description	Document
Upload any additional information	[View Document]
Provide the link for additional information	[View Document]

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 29.5

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1234	1530	1346	1292	1102

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

Efforts taken by the institution to provide career counselling including e-counselling and guidance for competitive examinations during the last five years

Response:

E-Counseling Platforms: We have adopted online platforms or tools for career counseling. These platforms can include virtual career fairs, webinars on various career options, and one-on-one counseling sessions conducted via video conferencing.

Career Workshops and Seminars: Colleges often organize workshops and seminars conducted by industry professionals or alumni to provide insights into different career paths, industry trends, and skills required for various fields.

Mock Tests and Practice Sessions: To prepare students for competitive examinations, various department of the college are conducting mock tests and practice sessions.

Personalized Counseling: Individual counseling sessions are provided for students to discuss their career goals, strengths, and weaknesses. Experienced counselors can provide personalized advice and guidance based on a student's interests and aspirations.

Skill Development Programs: we are offering skill development programs to enhance students' employability. These programs include communication skills, problem-solving abilities, and technical skills relevant to specific industries / Jobs.

Career Counseling Cells: Our institutions have a dedicated career counseling cells that continuously update information on job opportunities, internships, and further study options. These cells also facilitate networking opportunities for students.

Alumni Networks: Alumni networks of our college beneficial for current students seeking career advice. Alumni often share their experiences and offer mentorship to help students navigate their career paths.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

5.1.3

Following capacity development and skills enhancement activities are organised for improving students' capability

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)**
4. **Awareness of trends in technology**

Response: A. All of the above

File Description	Document
Report with photographs on programmes conducted for awareness of trends in technology	[View Document](#)
Report with photographs on programmes/activities conducted to enhance soft skills, Language & communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee monitoring the activities and number of grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 0

5.2.1.1 **Number of outgoing students placed and progressed to higher education during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)

5.2.2

Percentage of students qualifying in state/ national/ international level examinations out of the graduated students during the last five years

(eg: NET/SLET/ Civil Services/State government examinations etc.)

Response: 0.01

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/Civil Services/State government examinations etc.) year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	1

File Description	Document
List of students qualified year wise with details of examination and links to Qualifying Certificates of the students taking the examination	**View Document**
Institutional data in the prescribed format (data template)	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/cultural activities at University / state /national / international Level events during the last five years

Response: 0

5.3.1.1 **Number of awards/medals for outstanding performance in sports/cultural activities at University / state / national / international level events (award for a team event should be counted as one) year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
list and links to e-copies of award letters and certificates	**View Document**
Institutional data in the prescribed format (data template)	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.3.2

Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution.

Describe the Student Council activity and students' role in academic & administrative bodies within a maximum of 500 words

Response:

Student Council of Udayanath Autonomous College of Science and Technology Play an active role for the collective interest of the students .They participate in academic and administrative bodies of the college .The present student council is composed of both teachers and students .It attempts to resolve both disciplinary and academic issues raised by the staff member and student. The role of student council is active in bringing the problem of student to the attention of the management. It is continuously putting effort to solve the problems of the students quickly and maintain discipline in the campus. The council plays a leadership in executing academic and co-curricular activities .Students are involved in different academic & administrative committee like BOS(Board of Studies),IQAC(Internal Quality Assurance Cell), Prefectorial Board , Sports Council, Odia Sahitya Samaj, NCC,NSS,YRC,R&R different clubs for awareness programme & social outreach programme,

The institute every year elects student council members democratically by students of current batch. The institute ensures student representation in various committees and bodies like:

Placement Committee: Placement committee is elected to serve with placement team of the institute wherein committee members play an active role by coordinating with industry professionals, candidates and by managing campus placement processes.

Magazine Committee: The committee members are responsible for monthly newsletters of the institute and annual cultural magazine of the institute. The Magazine secretary heads the committee.

Grievance Committee: Elected members from the students in Grievance committee ensure transparency in decision making.

 Anti -Ragging Committee: Students representation in Anti -Ragging Committee ensures transparency in decision making.

Canteen Committee: Members of Canteen Committee manage the canteen of institute by ensuring healthy and hygienic food.

Cultural Committee: The student council of IIMS has a Cultural Secretary and Joint Cultural Secretary who play an active role in organizing various cultural events like Octave, Vista, Manthan, Guru Purnima, Youth Day, Independence Day, Republic Day etc. they take care cultural events, sponsoring and management.

Sports Committee: The sports committee organizes various sports events during Vista, Corporate Football League is organized with Rotaract club members etc.

Hostel Committee: Students take care of various requisites of hostel and raise the issues to management and manage the day to day work related to security, hygiene, discipline etc.

Alumni Committee: The members of committee associate with alumni's for mentoring, grooming, placement, they actively participate in arranging alumni meets.

Library Advisory Committee: For proper functioning of library and to introduce innovative services.

Department Association/ Forum: Organizing workshops, conferences, seminars, project exhibitions, industrial trainings etc.

NSS: Social welfare.

Nature Watch club: Environmental conservation and awareness.

I-Care: Social welfare; and social responsibilities towards society.

      Our institution maintain transparency in all activities by involvement of stakeholders like students, parents etc. By participating in various committees' students get exposure of social and corporate atmosphere. It helps to develop leadership skills, team building, decision making, time management, self-discipline among the students and create robust managers for industry. It helps the institute to generate fresh ideas which infuses dynamism in the institute's environment.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

5.3.3

The institution conducts / organizes following activities:

1. Sports competitions/events
2. Cultural competitions/events
3. Technical fest/Academic fest
4. Any other events through Active clubs and forums

Response: A. All four of the above

File Description	Document
Report on Sports, Cultural competitions/events, Technical/academic fests, Any other events through active clubs and forums along with photographs appropriately dated and captioned (whichever is applicable)	[View Document](#)
List of students participated in different events year wise signed by the head of the Institution	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of circular/brochure indicating such kind of activities.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.4 Alumni Engagement

5.4.1

Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution through registered Alumni association:

Response: 5.67

5.4.1.1 **Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution year wise through registered Alumni association:**

2022-23	2021-22	2020-21	2019-20	2018-19
1.02	2	0	1.45	1.20

File Description	Document
List of alumnus/alumni with the amount contributed year-wise	[View Document](#)
Annual audited statements of accounts of the HEI highlighting the Alumni contribution duly certified by the Chartered Accountant/Finance Officer	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.4.2

Alumni contributes and engages significantly to the development of institution through academic and other support system

Describe the alumni contributions and engagements within a maximum of 500 words

Response:

The Alumni Association of Udayanath Autonomous College of Science and Technology is registered 28.10.2021 with regd. No. 19084/260 .The Alumni association aims at bringing the gap between old students and present generation of students of the institution. It provides opportunities for social intercourse and promotion of friendly relationship between alumni and Alma meter. Our Alumni Association is functional and it meets at least once in a year. Department alumni meets are organized to involve the alumni and encase their experience and talent. An online portal is available to get the feedback. At present we have 6770 no. of registered Alumni. The State of Govt. of Odisha has developed "MO COLLEGE ABHIJAN" to promote the linkage between Alumni and Alma meter .They are providing financial support, adopting student, providing orientation on career counseling and Psychological Counseling.

They are member of Board of Studies and IQAC .Books, Almirah, Cooler and Fan are donated by them to the Departments. In addition with this the alumini They act as brand ambassador of the institution and support in the admission Campaign, Annual Function, Blood donation and social outreach programme.

Alumni often donate funds to support scholarships, infrastructure development, research projects, and other institutional needs. These contributions help enhance the overall academic and extracurricular environment of the college.Alumni frequently participate in career counseling sessions, mentorship programs, and networking events. They share their professional experiences, provide guidance on career paths, and help current students and recent graduates connect with potential employers.

Alumni feedback is valuable for continuous improvement. They provide insights on curriculum relevance, teaching methodologies, and campus facilities, helping the institution adapt to evolving educational trends and student needs.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The governance of the college based on democratic, value-driven, progress-oriented, and all-inclusive principles are in consonance with the Vision and mission of the college. Decentralization, delegation, bottom-up planning, and departmentalization ensure the achievement of institutional goals. The college has an ordered structure that acknowledges **Decentralization** by delegating powers to various Committees**.** Faculty participation in decision-making bodies is witnessed through:

- Two senior faculty members are part of the **Governing Body**.
- All Heads of the department, Four Senior Teachers nominated by the principal, and a faculty member nominated by the principal as Member Secretary of the **Academic Council**.
- The **Board of Studies** comprises faculty members of the concerned departments.
- Teachers represent **Finance Committee**.
- Teachers are representatives in Examination Committee, Development Committee and Discipline Committee.
- Teachers along with the Librarian and Library staff being the members of the **Library Committee** formulate policies pertaining to the purchase and procurement of books, magazines, journals, periodicals, furniture, and equipment**.** Well-defined guidelines for various committees foster integrity, transparency, and accountability in academic and administrative affairs.

   The Vision and mission of the college get materialized through the perspective plan focusing on the areas such as **Curriculum Development** having the perspective of employability, ethics, skill development, environmental concern, and life-long learning; **Enhancement of Student Competencies** in terms of experiential learning, critical thinking, and development of multiple intelligence and all round development; **Faculty and Staff Development Programmes** in terms of career advancement facilities to participate in Refresher, Orientation, Seminars, Workshops, and training; **Research** in terms of providing seed money to Teachers, provision for the publication of articles ; Collaborations (MoU) and Linkages are initiated with institutes of National repute for academic enrichment; **Extension services** for socially and educationally backward rural people in terms of NSS, NCC, and Rovers and Rangers wings and adopted Village; **Infrastructure facilities** are created to provide an ambience for holistic development; **Resource Mobilization and Utilization** through adequate budgetary provisions for institutional development and growth; **Environmental Concern through Sustainable Green Initiatives** in terms of annual green, energy and environment audit.; and **Quality Assurance and Quality Enhancement** in terms of IQAC plans and Monitoring.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies are effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

I. Institutional Organogram

1. **Governing Body:** The apex body of the institution is the Governing Body constituted as per the UGC guidelines.
2. **Academic Council:** It is constituted by adhering to the guidelines of UGC and chaired by the Principal. It recommends proposals for new programs and approves changes to up to 20% of the existing programs.
3. **Finance Committee:** It is constituted as per UGC norms for Autonomous Colleges is the advisory body to the Governing Body.
4. **Board of Studies:** It prepares the curriculum for various courses keeping in view the vision and the mission of the college, and the local and national need. And to cater the changing needs of the learners.
5. **Academic, Administrative, and Cultural Committees:** IQAC, Examination Committee, Admission Committee, Library Committee, Student Grievance Redressal Committee, Committee for the Prevention of Sexual Harassment, Women Development Cell, Research Committee, Career Counseling Cell, Counseling Committee, Public Out-reach Cell, Discipline Committee, Students' Council, Planning and Evaluation Committee, Eco Club, Spiritual Club, Health Club, Literary Club, Energy and Power saving Club, and Athletic Club ,administrative, cultural, ethical, environmental, and spiritual excellence fulfilling the benchmarks of higher education**.**

II. Recruitment:

The selection procedure for teaching faculties and staff done by a committee comprising the Principal, Vice-principal, Head of the department, and subject experts.

File Description	Document
Upload any additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide the link for additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations. e-governance is implemented covering the following areas of operations:

1. **Administration including complaint management**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examinations**

Response: B. Any 3 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The governance of the college based on democratic, value-driven, progress-oriented, and all-inclusive

principles are in consonance with the Vision and mission of the college. Decentralization, delegation, bottom-up planning, and departmentalization ensure the achievement of institutional goals. Well-defined guidelines for various committees foster integrity, transparency, and accountability in academic and administrative affairs. The Vision and mission of the college get materialized through the perspective plan focusing on the areas such as **Curriculum Development** having the perspective of employability, ethics, skill development, environmental concern, and life-long learning; **Enhancement of Student Competencies** in terms of experiential learning, critical thinking ,and development of multiple intelligence; **Faculty and Staff Development Programmes** in terms of career advancement facilities to participate in Refresher, Orientation, Seminars, Workshops, and training; **Research** in terms of providing seed money to Teachers, provision for the publication of articles ; Collaborations (MOU) and Linkages are initiated with institutes of National repute for academic enrichment; The institution provides **Welfare measures** like contribution to EPF of the employees ,Duty leaves, Financial incentives for academic and research activities ,Festive loans and advances ,organization of skill development programme for teaching and non teaching staff. **Extension services** for socially and educationally backward rural people in terms of NSS, NCC, and Rovers and Rangers wings and adopted Village; **Infrastructure facilities** are created to provide an ambience for holistic development; **Resource Mobilization and Utilization** through adequate budgetary provisions for institutional development and growth; **Environmental Concern through Sustainable Green Initiatives** in terms of annual green, energy and environment audit.; and **Quality Assurance and Quality Enhancement** in terms of IQAC plans and Monitoring.

File Description	Document
Upload any additional information	[View Document](#)
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3

Percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDPs)/ Management Development Programmes (MDPs) during the last five years

Response: 3.31

6.3.3.1 **Total number of teachers who have undergone online/ face-to-face Faculty Development Programmes (FDP)/** *Management Development Programs (MDP)* **during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
03	05	08	04	04

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds other than salary and fees and the optimal utilisation of resources

Describe the resource mobilisation policy and procedures of the Institution within a maximum of 500 words

Response:

Institutions Strategic 10 years Plan.

Activity implemented based on the institution's strategic plan: one of the key components of the perspective plan is the development and expansion of infrastructure to meet the needs of the institution. Some of the major infrastructural developments as per the strategic plans are:

1. Construction of a Ladies Hostel.

2. Heritage Building.

3. Construction of PG Block of Arts Stream.

4. Construction of PG Science Block.

5. Reading Room.

6. Multipurpose Open Space.

7. Conservation of the environment.

8. Installation of Solar energy.

9. Installation of a Solar Clock.

The institution is availing funds from RUSA, World Bank and Government of Odisha for the development of infrastructures and basic academic and non academic facilities.

File Description	Document
Provide the link for additional information	[View Document](#)

6.4.2

Funds / Grants received from government bodies, non-government bodies, and philanthropists during the last five years (not covered in Criterion III and V)

Response: 710

6.4.2.1 **Total Grants received from government/non-government bodies, philanthropists year wise during last five years** *(not covered in Criterion III and V)* **(INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
150	150	150	80	180

File Description	Document
Institutional data in the prescribed format (data template)	[View Document](#)
Copy of the sanction letters received from government/ non government bodies and philanthropists	[View Document](#)
Annual audited statements of accounts highlighting the grants received	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4.3

Institution regularly conducts internal and external financial audits regularly

Enumerate the various internal and external financial audits carried out during the last five years

with the mechanism for settling audit objections within a maximum of 500 words

Response:

The college has a mechanism for internal and external audits for financial management.Internal audit is carried out by the Finance committee of the collegewhich reviews the budget and statement of expenses twice a year. The external financial audit is executed by an audit firm.

1. **Internal Financial Audit Mechanism:**
   1. **The finance committee is chaired by the Principal and assisted by a member nominated by GB and the principal convenes a meeting bi-annually.**
   2. **Departments, clubs, and associations submit an annual budget for their activities to the finance committee at the beginning of the academic session.**
   3. **The annual budget is prepared after the scrutiny and consolidation of the annual budgets of the department.**
   4. **The inventory audit is conducted by the Heads of the department and administrative offices.**
   5. **The library stock verification is carried out by Library Committee.**
2. **External Financial Audit:**
   1. **External audit is done by the Local Fund Audit appointed by the Government of Odisha.**

Audit objections raised by the auditor are discussed by the Finance Committee and the action taken report is submitted duly.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1

Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) 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

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of –

- **Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)**
- **Incremental improvements made for the preceding five years with regard to quality and**

post accreditation quality initiatives (second and subsequent cycles)

Describe two practices institutionalized as a result of IQAC initiatives within a maximum of 500 words

Response:

The Internal Quality Assurance (IQAC) identifies plans, executes, and monitors the quality assurance strategies in the institution. Academic activities such as curriculum development, teaching-learning, evaluation, research, extension, innovation, infrastructure, student support, inclusiveness, sustainable development, and governance play significant roles in maintaining quality assurance and enhancement.

The two practices are the Installation of Solar Power, Green Audit, Construction of Ladies' Hostels, and construction of Indoor stadiums, and initiatives for more signing of MoUs to other institutions

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.5.2

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Describe any two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC within a maximum of 500 words each.

Response:

Introduction of Online classes during the Covid-19 period, Smart-class room teaching, remedial coaching class for slow learners, organization of seminars, webinars, conferences, FDPs, initiatives for the signing of MoUs with other institutions, Green initiatives, and open space for multipurpose academic activities. A periodical review of teaching and learning processes is done on the students' feedback basis and teachers' teaching Pedagogy Report. Continuous quality improvement through Outcome Based Education (OBE) consists of the reciprocity of Outcome Based Curriculum, Outcome Based Teaching-learning, Outcome-based Assessment and Evaluation, and Continuous Quality Improvement.

1. **Outcome-Based Curriculum**

Programme Outcomes (Pos), Programme Specific Outcomes (PSO), and Course Outcomes (COs) are defined in consonance with the vision and mission of the college. Outcomes are the indicators of the student's achievement and capacity building based on which curriculum is designed.

2. **Outcome-Based Teaching-learning**

Student-centric pedagogies enable the students to achieve the course outcomes. Experiential, participatory, and problem-solving teaching methodologies enhance the learning outcome of the students.

3.Outcome-based Assessment and Evaluation

Different assessment methods such as Academic Aptitude Assessment (AAA) which comprises pre-course, mid-course, and post-course; andFormative and Summative Assessment (FSA) in which the weightage is distributed as 30% and 70% respectively**.**

4.Continuous Quality Improvement

The Implementation of OBE is effective through the analysis of levels of attainment based on the OBE policy of the institution. The analysis is done at the programme level. Attainment of COs ensures the attainment of PSOs and attainment of PSOs ensures the attainment of Pos.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

6.5.3

**Institution has adopted the following for Quality assurance*:*

1. **Academic and Administrative Audit (AAA) and follow up action taken**
2. **Conferences, Seminars, Workshops on quality conducted**
3. **Collaborative quality initiatives with other institution(s)**
4. **Orientation programme on quality issues for teachers and students**
5. **Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc**
6. **Any other quality audit recognized by state, national or international agencies**

Response: C. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Gender equity:

For maintaining gender equity and sensitize students, the institution has initiated the Gender Audit for maintaining gender equity. Udayanath Autonomous College of Science and Technology fosters gender equity through several cells. Their initiatives as discussed below:

Gender Sensitization Cell: The cell plays an important role in promoting awareness, understanding and sensitivity towards gender related issues. The functions of the cell include: creating awareness, conducting seminar, policy advocacy, monitoring and reporting etc.

Grievance Redressal Cell: Grievance redressal cell deals with all types of grievances, complaints and malpractices including those of students, faculty and other stakeholders.

Career Counselling Cell: The career counselling cell provides facilities like selecting course, placement opportunities, and occupational information for both women and transgender students.

Women Harassment Cell: Women harassment cell prevents discrimination and sexual harassment against women and provides gender equity among students and employees.

Disciplinary Committee: The institution has a disciplinary committee which ensures code of conduct for students and employees and also suggests suitable action in case of its violation.

Anti-ragging Cell: An anti-ragging cell is constituted to ensure compliance with the provisions of regulations or laws for ragging. There is an anti-ragging squad in our institution for prevention of ragging.

Counseling committee: The College has constituted one counseling committee to empower the girl student, to address issues related to women and to make the college campus a safe place for female students and faculty members. The committee organizes awareness program to address issues related to harassment & also some different aspect.

NSS wing: The NSS wing of the college aims to develop healthy environment inside and outside of college campus. The girls wing conducts various activities like awareness program road, gender sensitization program, safety week vaccination campaign etc.

Seminars/Conferences: The institution organizes seminars/conference to sensitize students and teachers about gender equity. The department of Women Studies and Social Work conduct awareness program on issues related to Gender Equity.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures
1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment
6. Wind mill or any other clean green energy

Response: D. Any 1 of the above

File Description	Document
Permission document for connecting to the grid from the Government/ Electricity authority	[View Document](#)
Geo-tagged photographs of the facilities.	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **e-Waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

Our Institution has always tried to maintain a sustainable environment for the students, staff and other stakeholders. Efforts taken in this respect are:

UdayaNath Autonomous College of Science and Technology firmly advocates the efficient use of degradable and non-degradable waste management and played a proactive role to maintain a conducive environment and ensures sustainability.

Solid Waste Management: Garbage bins have been kept at different places of the college campus like near the offices, near the gardens, inside the office premises and departments and garbage collection is regularly done. For the collection of waste, floor wise separate bins are kept. For the recycle/reuse of used paper collected and used both sides for office purpose and official drafts.

Liquid Waste Management: The institution has taken care about the liquid refuse which may be harmful for the environment if not managed properly. Liquid waste is collected from hostels, classrooms, canteens and from other sources. Udayanath Autonomous College of Science and Technology takes steps for proper disposal of liquid to make the environment freeform pollutants.

E-Waste management: Udayanath Autonomous College of Science and Technology takes initiatives for proper disposal of all kinds of electronic/electricals waste, such as batteries, cells, obsolete electronic devices, computers, monitors, printers, UPS etc. E-waste Management drive is taken care by the members of Eco-club for proper disposal.

Waste Recycling System: Our institution has taken initiatives on recyclizing of waste water to reduce water wastage and enhance sustainability.

It involves collecting and treating wastewater, rainwater or other sources and purifying it for purposes like irrigation. Waste

The college has its own STP(Sewrage Treatment Plant)

Udayanath Autonomous College of Science and Technology organizes cleanliness drive, plantation programs etc. by NCC, NSS, Rovers & Rangers officers and students at regular interval.

The Institution focus on planting trees and other greenery regularly in the campus which help to reduce air pollution and improve the overall environment.

Students and staffs are encouraged to invest in reusable water bottles instead of single-use plastic water bottles.

College motivates students and staffs to use public transport rather than driving their own vehicles. It may help to reduce air pollution and traffic congestion.

Along with cleaning of the campus has been outsourced to workers as per the approval of

Principal. Students were advised to go for more e-facilities, green transaction and avoid using papers and polythene bags.

File Description	Document
Geo-tagged photographs of the facilities	[View Document](#)

7.1.4

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: D. Any 1of the above

File Description	Document
Green audit reports on water conservation by recognised bodies	[View Document](#)
Geo-tagged photographs of the facilities	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.5

Green campus initiatives include

Describe the Green campus initiative of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles , Pedestrian Friendly pathways , Ban on use of Plastic, landscaping with trees and plants etc in 500 words

Response:

A center for green initiative functions in the college to make the campus eco-friendly and maintain sustainability. The institution has taken various steps to address environmental challenges, mitigate change and conserve resources.

The Centre performs various activities to make the campus green. It includes

Plantation programme

Use of Bicycles

Waste Management

Energy Conservation

Pedestrian friendly pathways

Further, students have played a vital role in encouraging campus sustainability. The institution incorporates environmental education in curriculum and takes various practical steps to maintain it.

Udayanath Autonomous College of Science and Technology is in the process of having a green audit of its campus. This audit maintains energy consumption, water usage, rain water harvesting, office waste management, solar power project, vehicle usage, monitoring air quality and other factors which influence the sustainability of the operation. Also, an evaluation of various existing initiatives, taken by the college to make the campus eco-friendly. The Greenery and beautification in the college is maintained by the Green Audit Team of the College.

For maintaining the aesthetic beauty of college, dedicated gardeners are employed. The institution has conducted plantation programme by NSS, NCC, and Scout& Guide etc. The college campus is surrounded by various trees like Ashoka, Neem, Pine, Coconut, Mango, Guava etc. It has number of lawns and five gardens which is supervised by the gardeners.

Recently, the college follows a tradition of gifting saplings instead of bouquets to the guests at various events. The College maintains a diverse flora to enhance its aesthetic beauty.

All classrooms, tutorial rooms and administrative blocks at each floor of the campus building have dustbins. Both biodegradable and non-biodegradable bins are used to segregate the waste.

The washrooms are properly and timely cleaned and equipped with amenities of soap, tissue dispensers, and liquid sanitizers. The institution has installed sanitary pad dispensers in girl's washroom. College promotes the use of eco-friendly phenyl for general cleaning purposes. The college building has naturally well-lit classrooms, staff rooms, offices and washrooms to minimize the usage of artificial light.

Udayanath Autonomous College of Science and Technology is gradually transcending to energy efficient LED lighting from the greater energy depleting fluorescent lighting. Copper wiring instead of aluminums wiring is used in the college to minimize the wastage of electricity. Air-conditioners (ACs) installed in the Staff rooms and administrative blocks are five-star rated, eco-friendly and are serviced twice a year by authorized technicians. The AC filters are cleaned on a regular basis by the college staff to improve performance and reduce greater energy usage.

File Description	Document
Policy document on the green campus/plastic free campus	[View Document](#)
Geo-tagged photographs/videos of the facilities	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.6

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

The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environmental audit**
2. **Energy audit**
3. **Clean and green campus recognitions/awards**
4. **Beyond the campus environmental promotion and sustainability activities**

Response: D. Any 1 of the above

File Description	Document
Report on environmental promotion and sustainability activities conducted beyond the campus with geo-tagged photographs with caption and date.	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.7

The Institution has Differently-abled (Divyangjan) friendly, barrier free environment

Write description covering the various components of barrier free environment in your institution in

maximum of 500 words

- **Built environment with Ramps/lifts for easy access to classrooms**
- **Divyangjan friendly washrooms**
- **Signage including tactile path, lights, display boards and signposts**
- **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- **Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response:

Our Institution provides various facilities and opportunities for differently abled (Divyanga) children and creating a barrier-free environment which promotes inclusivity and accessibility. It helps the differently abled children to work independently and enhances their mobility. Students with disabilities are entitled to access all schemes, facilities and services in the college. To suit the special needs of differently abled children, college has provided special facilities like

Wheel chair ramps and rails to ensure mobility.

Accessible restrooms.

Divyangan friendly washrooms.

Designated parking spaces for disabled children.

Adaptable classroom furniture to accommodate various needs.

Training for staff on disability awareness and assistance.

The college provided a rest room for the differently able students where students can rest when they need or feel tired. Reserved seats facility is made available for differently abled students at library as well as in reading room. Students who face problem in examination in respect of writing, either college provide the scribes on their request or allow the scribes mentioned by students with proper permission. It promotes a barrier-free environment through which persons with disability can fully participate in educational and institutional activities.

File Description	Document
Upload any additional information	[View Document](#)
Provide the link for additional information	[View Document](#)

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and such other diversities (within 500 words).

Response:

Udayanath Autonomous College of Science and Technology takes utmost care in providing the needed amenities and creates an environment of inclusive education for students. Our institution follows a culturally inclusive environment based on mutual respect, effective relations, clear communication, explicit understandings about expectations and critical self-reflection. It proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. The college has an institutional mechanism i.e., the Proctorial System which ensures that each and every student of the institution, irrespective of social background, receives regular and individual attention for redressal of curricular and co-curricular problems. Each teacher of the institution is assigned with an exclusive group of students to nurture their intellectual growth and to redress the challenges being faced by them.

In our institution we welcome various forms of diversity: it may be linguistic, regional, communal etc. Apart from local area, our students come from various linguistic, cultural environments.

In order to provide the students and teachers of the institution with an accessible platform for expression of independent views and thoughts via the printed medium, the college publishes an annual College magazine, titled 'Prachipragyan'. The college magazine embodies a significant enabler of socio-cultural Inclusivity, as it encourages students from all sections of society to publish their articles in English, Hindi, Odia and Sanskrit. The institution provides remedial class for slow learners with the opportunity for receiving supplemental academic instruction. College has always been at the forefront of sensitizing students towards the cultural, regional, linguistic, communal, and socio-economic diversities through curricular and co-curricular activities. The Scholarship Committee of the college functions to regulate and facilitate the receipt, processing and onward transmission of applications of the students for availing themselves of various central and state government scholarship schemes under corresponding welfare policies. The institution celebratesfestivals like Constitution Day, Teachers Day, Children's Day, Yoga Day, AIDS day, etc. to teach tolerance and harmony to the students. By providing a barrier-free environment, needed facilities, and human and technological assistance, the college takes continuous efforts to make the differently-abled feel included in every part of the activity of the college. The department has revised the curriculum with the inclusion of topics related to human rights, peace, tolerance, love, compassion, harmony, promotion of social values, awareness of environmental protection, and ethics. The college canteen fulfils an important institutional role in catering to the needs of students hailing from diverse backgrounds by providing hygienic and nutritionally balanced meals at affordable rates.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Any other relevant information	[View Document](#)

7.1.9

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

Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 500 words.

Response:

Udayanath Autonomous College of Science and Technology is committed to fostering an inclusive educational environment, prioritizing the well-being and academic success of all its students. Our institution upholds a culturally inclusive ethos built on mutual respect, effective communication, and a deep understanding of expectations, complemented by critical self-reflection.

To instill a sense of civic responsibility among students as citizens of Bharat, we have integrated a value-added course on "Constitutional Values and Fundamental Duties" into our curriculum. This initiative aims to promote education, economic empowerment, and communal harmony.

Our Proctorial System ensures personalized attention to every student, irrespective of their background, addressing both academic and co-curricular challenges. Each faculty member mentors a dedicated group of students, nurturing their intellectual growth and supporting their needs.

The college magazine, 'Prachipragyan', serves as a platform for students and faculty to express their independent views and ideas in English, Hindi, Odia, and Sanskrit. It encourages contributions from diverse backgrounds, fostering socio-cultural inclusivity.

Special remedial classes are offered to support slow learners, providing additional academic instruction as needed. We actively promote awareness of cultural, regional, linguistic, communal, and socio-economic diversities through a range of academic and extracurricular activities.

The Scholarship Committee facilitates students' access to various government scholarship schemes, ensuring seamless application processing and support under welfare policies.

Celebrations of Constitution Day, Teachers Day, Children's Day, Yoga Day, and AIDS Day serve as opportunities to impart values of tolerance and harmony to our students.

We are dedicated to creating a barrier-free environment, equipped with necessary facilities and support systems, to ensure the full integration of differently-abled students into all aspects of college life.

Our curriculum emphasizes human rights, peace, tolerance, compassion, environmental awareness, and ethical values. The college canteen plays a pivotal role in catering to the nutritional needs of our diverse student body with hygienic and balanced meals at affordable prices.

At Udayanath Autonomous College of Science and Technology, our ongoing commitment is to provide

an enriching and inclusive educational experience that prepares students to thrive in a diverse global society.

File Description	Document
Details of activities that inculcate values necessary to nurture students to become responsible citizens	[View Document](#)
Any other relevant information	[View Document](#)

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.

1. **The institutional Code of Conduct principles are displayed on the website**
2. **There is a committee to monitor adherence to the institutional Code of Conduct principles**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: B. Any 3 of the above

File Description	Document
Report on the student attributes facilitated by the Institution	[View Document](#)
Policy document on code of ethics.	[View Document](#)
Handbooks, manuals and brochures on human values and professional ethics	[View Document](#)
Document showing the Code of Conduct for students, teachers, governing body and administration as approved by the competent authority.	[View Document](#)
Constitution and proceedings of the monitoring committee.	[View Document](#)
Circulars and geo-tagged photographs with date and caption of the activities organized under this metric for teachers, students, administrators and other staff	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.2 Best Practices

7.2.1

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

Response:

Institutional Best Practices

Best practice-I

Title of the Practice: Proctorial System (Mentor-Mentee System)

Objective of the Practice: We have identified the following objectives that are in tune with the practice:

To monitor academic regularity and overall development of students.

To identify the problems and issues of students with emphasis to curricular, co-curricular and personal.

To assist students to identify their own potential and interests.

To formulate methods to overcome issues of students.

To inform various opportunities available in college and outside the college.

To facilitate the students in learning process

Context: Proctorial system was initiated in our college to maximize the teacher student relationship. This system functions through a participative style where both teachers and students actively engage to solve problems and issues. This is an effective monitoring system which helps to observe all activities, programs, progress, problems and issues throughout the academic year.

The Practice:

The teaching staff of the institution will be designated as proctor and each proctor is allotted around 20 to 25 students.

To meet the needs of mentee, the mentor conducts periodical meetings at the college premises for once a month.

The proctor records the mentoring process and maintains confidentiality.

The mentor establishes a good rapport with the mentee.

The mentor provides emotional support for the students in case of stress related problems, emotional problems, anxiety etc.

Assess to improve learning skills, personal, professional, healthy and any other issues of the mentee.

Set specific goals and timelines with benchmarks or dates.

Uses Email, WhatsApp to encourage e-mentoring.

Facilitates the awareness of opportunities for the mentee regarding various career development resources.

Both Mentor and Mentee provide feedback and modifies the relationship, expectations and strategies as needed.

Evidence of Success: The proctorial system ensures that the curricular and co-curricular development of students go hand in hand.It addresses the issues of students with regard to discipline, code of conduct, co-curricular activities and thus focusing on holistic development of learners. The program also helped the teacher to thoroughly understand the students, his strengths and weaknesses, and the ability of the student to carry out what is planned. It helped in improving the interpersonal relationship with the students.

Problems encountered and resources required: Unexpected leave of mentor and mentee disrupts their schedule of meeting many times. The mentor and mentee are required to come to the mindset to avoid missing meetings and adequate referral services shall be strengthened to cater to the various needs of the mentee.

Best Practice-II

Title of the Practice: Creation and maintenance of an Eco-friendly Campus

Objective of the Practice:

We have identified the following objectives that are in tune with the practice:

To raise environmental awareness among students, resulting in better environmental management, greater sustainability, and an improvement in the quality of life for all stakeholders associated with the campus.

To maintain pollution free environment in the college premises.

To safeguard every connected stakeholder from the adverse effects of environmental pollution.

To keep the campus cool and clean by putting into practise energy.

The Context: A clean environment is a basic necessity for human beings' mental health and efficiency. The main aim of the practice is to impart knowledge, create awareness, develop an attitude of concern and nurture the necessary skills to handle and the environmental sustainability, issues and challenges.

The Practice:

The college has developed a beautiful campus with lawns, a botanical garden, etc.

The Greenery and beautification in the college is maintained by the Green Audit Team of the College.

The college has preserved the existing flora and fauna within the campus.

Our college has been very conscious about energy conservation. The College has embarked upon roof-top solar installations with an installed capacity of 150 kWp.

LED bulbs are installed in the college buildings and the campus to save electricity.

To use the solid waste through Vermi-compost on the campus and use it as a fertilizer.

We have built seating arrangements under the shade of trees on our campus which creates a vibrant and interactive learning experience.

The other strategies put to use of Bicycles or E-Vehicles, Pedestrian-friendly pathways etc.

Signboards/posters are displayed on the college campus to encourage ideas of plastic-free campuses, noise pollution, and environmental awareness.

The college organizes international conferences, workshops, etc. on environment-related issues.

To use "Use me" dry and wet dustbins on the college campus so as to keep the college campus clean.

Evidence of Success: This best practice has proven to be successful through the following activities:

Through periodical tree plantations, flora and fauna on the campus have been enriched, resulting in the transformation of the campus into an eco-friendly one.

The 150 kWp solar project is operational at Institution.

An awareness campaign for the plastic-free campus through signboards and display boards has made the campus overall plastic frees.

Through workshops/seminars/NSS/Nature Club/ECO Club, students are made aware of the various environmental issues.

A mandatory course on environmental science at the B. A/B.Sc. /B. Com level is taught.

Problems Encountered and Resources Required: While carrying out this practice, the following problems are encountered by the college:

Green Campus initiatives are challenging, so they require determination and a long-term commitment from all the stakeholders.

The Green Campus initiative is a rather expensive practice. It needs expert advice and an investment of resources.

Sufficient manpower is needed to sustainably maintain green practices.

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Institutional Distinctiveness

This institution was established in 1991 and situated in rural surroundings near the holy river of Prachi. It keenly focuses on the needs of rural areas by providing every opportunity where most of the parents are unaware, illiterate or partially literate. These are the most distinctive features of the institution like rural development, placement opportunities, libraries, good infrastructural facilities, whose details are given below in brief.

Focuses on the needs of rural areas: This institution is the youngest college which have autonomy status and situated in rural area caters to the higher education needs of the rural students. Along with UG, PG and Technical courses it provides educational facilities and vocational opportunities to the underprivileged sections of society. As people in this area faces either financial or moral difficulty to send their children, especially girls to far away city places, the institution has provided these students an opportunity to continue their education and grow higher. The institution is specially designed to focus on the needs of rural students and community development by organising various outreach activities and awareness programmes. It addresses the specific needs and challenges of rural communities and students. The goal is to enhance the quality of life and opportunities for residents in rural communities. The student centric activities of the institute are designed for achieving holistic development of the students. They are taught cooperation to focus more on cooperation than competition.

Rural Location: The most obvious distinction is the college's rural setting, which can provide a unique learning environment, closer ties to the local community, and opportunities for field-based programs.

Outreach initiatives: The institution implementing outreach and extension programs on Intellectual and Social Upliftment of localities.

Community Engagement: The institution involves the local community members in decision making processes and understanding their unique needs and aspirations.

Sustainability Initiatives: The institution maintains sustainability and environmental conservation, given their proximity to natural resources.

Specialized Programs: It offers various courses or consultancy that focus on rural development. The institution also conducts healthcare programs, blood donation camps, awareness programmes, cleanliness programme etc.

Partnerships: The institution takes initiatives to create a network of support and resources for the development localities in collaboration with different organizations, government agencies and industries.

2. **Employability skills**: The college has taken steps to ensure employability skills and focuses on their future careers. With an intention to develop the employability skills of the student the college provide the following courses

Certificate courses: Apart from the normal syllabus in the various courses, students are provided with value added courses to enhance their employability skills.

Skill enhancement programs like soft skills development and mock interviews are conducted.

Digital literacy skill: The College puts efforts to promote computer literacy and enable the stakeholders to adapt with new digital tools and platforms. It offers well equipped computer labs, planned courses in computers and hands on practical training for developing proficiency with technology.

The Alumni Committee organized online interactive sessions with executives from different fields in order to provide the students with a broad perspective of various career opportunities.

Teamwork and Leadership training: The college has taken steps for developing teamwork spirit and leadership training among stakeholders. For this purpose, various seminars, workshops and practical training are organised in regular basis.

3. Healthy Lifestyle: - College takes various initiatives to emphasize on sustainable practice like-

Farming and gardening are considered as two important features. Various fruits like mango, jack fruit, pineapple, papaya, guava, wood apple, banana, coconut etc. are produced and sold in a subsidized price. Vegetables like brinjal, ladies' finger, pointed gourd, snake gourd, banana, ridge guard, cucumber etc. are farmed inside the college farm. There are various gardens like RET (Rare Endengere and Threatened) And Associated Mangrove Plants, Botanical Garden, Mango.

Institution focuses on sustainable life style and for which takes initiatives like-

College stadium is open for morning walk for both boarder and outsider. Students practice different sports like volley ball, cricket, kabaddi, javelin throw, short put, discus, running, long jump, high jump etc. in the stadium. Both university and state level sports are organised by the Institution.

College students practice exercises in the college gym in morning and evening time.

A swimming pool inside the campus adds an extra brownie point to the amenities of the college. Swimming pool facility provides students with a recreational outlet, promotes fitness and serve as venue for local and university level swimming competition.

Replacing soft drinks with coconut water as welcome drinks for the guests

To stay fit both physically and mentally, morning starts with yoga practice in the college

Vermicompost produced in the waste management drive   is used as fertilizer in the garden

Waste water is reused in the garden, swimming pool is cleaned at regular interval etc.

3. Library facilities: The institution has a good library having nearly twenty thousand books covering all disciplines which caters to the needs of the students including competitive exams. The library offers services which provide books, reference section, Magazines, Newspapers etc. It also offers E-library facilities for the faculties and students to make them techno-savvy. It provides the following services.

Circulation: Issue &return of reading material such as Books, Journal & Periodicals, Project Reports, multimedia, etc.

Question Bank: Theory question banks and MCQ's question bank are available for students.

Library Reading Room UG, PG, Staff: In the reading hall there is seating arrangement for students and staffs.

Reference Services: On demand reference service provided to the students & faculty members by using open source on internet.

Internet Facility: Separate computer for the students with internet connection provided to the students with printers. Students can access and download information of their topic or interest subject.

File Description	Document
Appropriate webpage in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

In our college, the student enrollment process operates through the Student Academic Management System (SAMS), meticulously designed to adhere to guidelines set forth by the Directorate of Higher Education, Government of Odisha, and Utkal University. Emphasizing inclusivity, the college reserves seats for SC, ST, OBC, Divyangjan, and minorities in accordance with government norms.

A robust mentoring system fosters a nurturing environment where mentors not only provide academic guidance but also cultivate essential life skills such as active listening, empathy, and basic counseling techniques among mentees. This personalized approach aims to enhance overall student development.

Our college stands as a beacon for nurturing a scientific mindset among its students and fostering an environment conducive to robust research endeavors. The institution Research Committee actively promotes interdisciplinary research across Humanities, Science, and Commerce domains. With a well-defined Research Policy, the committee invites research proposals, selects projects, and provides seed funding to initiate and sustain research activities.

Moreover, institutional excellence is further amplified through collaborative initiatives, cultural programs, and Memoranda of Understanding (MOUs) with other institutions, universities, and non-governmental organizations. These collaborations enrich the academic and cultural tapestry of the college and broaden opportunities for students and faculty to engage in collaborative research and exchange programs.

Concluding Remarks :

Udayanath Autonomous College of Science & Technology, Adaspur, is committed to academic excellence, innovation, and holistic development. With a meticulously planned curriculum aligned with UGC guidelines, the college offers robust academic programs tailored to meet global challenges. It emphasizes Outcome-Based Education (OBE), ensuring transparent educational objectives through defined Program Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs).

The college fosters a supportive environment through initiatives like the Student Academic Management System (SAMS) and a proactive mentoring system. It integrates cross-cutting issues such as sustainability and ethics across programs and offers a wide array of Value Added Courses. Continuous feedback mechanisms and an Internal Quality Assurance Cell (IQAC) drive ongoing improvements in teaching methodologies and student support.

Research is a cornerstone, promoted through interdisciplinary projects and a well-defined Research Policy. The college encourages students to pursue funding for innovative research, supported by a dedicated Research Committee.

The campus spans 30.62 acres, featuring modern facilities like smart classrooms, laboratories, and a sports complex promoting physical fitness and teamwork. A well-equipped library and robust IT infrastructure support academic endeavors, while facilities like a cafeteria and medical dispensary cater to daily needs.

Committed to holistic development, the college emphasizes life skills and character building through seminars, workshops, and co-curricular activities. Community engagement is fostered through clubs and committees, enhancing students' organizational and leadership skills.

In essence, Udayanath Autonomous College of Science & Technology, Adaspur, stands as a vibrant educational institution dedicated to nurturing well-rounded individuals equipped for success in a dynamic global landscape.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification

1.3.2	**Number of certificate/value added courses/Diploma Programmes offered by the institutions and online courses of MOOCs, SWAYAM/e-PG Pathshala/ NPTEL and other recognized platforms (without repeat count) where the students of the institution have enrolled and successfully completed during the last five years.**
	
	    Answer before DVV Verification :
	    Answer After DVV Verification :35
	    Remark : DVV has made changes as per prescribed format shared by HEI and values have bene downgraded as we have excluded courses under regular curriculum

2.1.2	**Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years**
	
	    2.1.2.1. **Number of actual students admitted from the reserved categories in the first year of the programme year wise during the last five years**
	Answer before DVV Verification:
	<table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>935</td><td>989</td><td>970</td><td>650</td><td>664</td></tr></table>
	Answer After DVV Verification :
	<table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>295</td><td>240</td><td>266</td><td>190</td><td>100</td></tr></table>
	    2.1.2.2. **Number of seats earmarked for reserved category as per GoI/State Govt. rule year wise during the last five years**
	Answer before DVV Verification:
	<table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>1067</td><td>1067</td><td>1067</td><td>1066</td><td>837</td></tr></table>
	Answer After DVV Verification :
	<table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>591</td><td>642</td><td>642</td><td>696</td><td>515</td></tr></table>
	
	    Remark : DVV has made changes as per prescribed format shared by HEI and values have been downgraded due to excess of seats in reserve category

2.4.2	**Percentage of full time teachers with Ph.D./D.Sc. / D.Litt./ L.L.D during the last five years** 2.4.2.1. **Number of full time teachers with *Ph.D./D.Sc. / D.Litt./ L.L.D* during the last five**

years

      Answer before DVV Verification : 133
      Answer after DVV Verification: 24

    Remark : DVV has made changes as per supporting document shared by HEI and values have been downgraded as we have considered doctorate degree certificates

2.4.3	**Average teaching experience of full time teachers (Data to be provided only for the latest completed academic year, in number of years)**
	
	    2.4.3.1. **Total teaching experience of full-time teachers as of latest completed academic year**
	    Answer before DVV Verification : 1947
	    Answer after DVV Verification: 1928
	
	    Remark : DVV has made changes as per prescribed format shared by HEI

2.4.4	**Percentage of full time teachers working in the institution throughout during the last five years**
	
	    2.4.4.1. **Number of full time teachers worked in the institution throughout during the last five years:**
	    Answer before DVV Verification : 154
	    Answer after DVV Verification: 106
	
	    Remark : DVV has made necessary changes

3.1.2	**The institution provides seed money to its teachers for research**
	
	    3.1.2.1. **Amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)**
	    Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1.00	1.25	0	0	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

    Remark : DVV has made necessary changes as per supporting document shared by HEI and input value "0" has been considered as we have excluded Seed money less than one lakh per faculty

3.4.1	**The Institution ensures implementation of its stated Code of Ethics for research.** The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:

          18-09-2024 10:47:14

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committee (Animal, Chemical, Bio-ethics etc.)
3. Plagiarism check through software
4. Research Advisory Committee

Answer before DVV Verification : D. Any 1 of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : DVV has made changes as per supporting document shared by HEI and 3 of above option has been selected as we have received supporting of Inclusion of research ethics in the research methodology course work, Plagiarism check through software and Research Advisory Committee

3.4.2	**Number of candidates registered for Ph.D per teacher during the last five years**

3.4.2.1. **Number of candidates registered for Ph.D during the last 5 years:**

Answer before DVV Verification : 15

Answer after DVV Verification: 12

Remark : DVV has made necessary changes as per supporting documents shared by HEI as per below link https://udayanathcollege.ac.in/cms-admin/uploads/files/3.4.2%20B.pdf

3.4.4	**Number of books and chapters in edited volumes published per teacher during the last five years**

3.4.4.1. **Total Number of books and chapters in edited volumes published during the last five years**

Answer before DVV Verification : 102

Answer after DVV Verification: 41

Remark : DVV has made changes as per prescribed format shared by HEI and values have been downgraded as we have considered Publications with ISBN number only and has followed calendar year (Jan-Dec)

3.6.2	**Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years**

3.6.2.1. **Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community year wise during the last five years.**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
54	56	22	24	23

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9	5	13	8	8

Remark : DVV has made changes as per supporting document shared by HEI and values have been downgraded as we have excluded day celebration like world AIDS Day, International Youth Day, Blood Donation Day etc

4.1.2	**Percentage of expenditure excluding salary, for infrastructure development and augmentation year wise during the last five years**
	4.1.2.1. Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
423.67	338.48	40.23	219.41	374.23

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
433.38	338.99	49.85	229.85	374.95

Remark : DVV has made changes as per audit report shared by HEI and has considered expenses on n construction of building/purchase of Lab. equipment's/ academic equipment's/ furniture & fixtures/vehicle during the year

4.2.2	**Percentage of expenditure for purchase of books/ e-books and subscription to journals/e-journals year wise during the last five years**
	4.2.2.1. Expenditure for purchase of books / e-books and subscription to journals/e-journals year wise during last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
19.62	4.42	4.074	6.65	8.87

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0.58	0.53	5.74	0.84	6.50

Remark : DVV has made changes as per audit report shared by HEI

4.3.2	**Student - Computer ratio (Data for the latest completed academic year)**
	4.3.2.1. Number of computers available for students' usage during the latest completed academic year:

Answer before DVV Verification : 190
Answer after DVV Verification: 290

Remark : DVV has made changes as per supporting document shared by HEI

4.4.1	**Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years**

4.4.1.1. *Expenditure incurred on maintenance of physical facilities and academic support facilities of DDE and total expenditure excluding salary, year - wise, over the last five years (INR in lakhs)*

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
218.15	56.31	273.54	391.76	288.35

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
272.20	346.84	115.96	280.83	179.25

Remark : DVV has made changes as per audit report shared by HEI and has considered Repairs and Maintenance Expenses

5.2.1	**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

5.2.1.1. **Number of outgoing students placed and progressed to higher education during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
234	209	189	113	106

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

Remark : DVV has made necessary changes as per supporting document shared by HEI and input value "0" has been considered as proofs for placements and progressed to higher education have not been provided by HEI

5.2.2	**Percentage of students qualifying in state/ national/ international level examinations out of the graduated students during the last five years** **(eg: NET/SLET/ Civil Services/State government examinations etc.)** 5.2.2.1. **Number of students qualifying in state/ national/ international level examinations**

(eg: NET/SLET/Civil Services/State government examinations etc.) year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
6	0	0	0	3

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	1

Remark : DVV has made changes as per supporting document shared by HEI

5.3.1 | **Number of awards/medals for outstanding performance in sports/cultural activities at University / state /national / international Level events during the last five years**

5.3.1.1. **Number of awards/medals for outstanding performance in sports/cultural activities at University / state / national / international level events (award for a team event should be counted as one) year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
06	0	0	27	09

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

Remark : DVV has made changes as per supporting document shared by HEI and input value "0" has been considered as we have not received awards/medals for outstanding performance in sports/cultural activities

5.4.1 | **Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution through registered Alumni association:**

5.4.1.1. **Total Amount of alumni contribution during the last five years (INR in lakhs) to the institution year wise through registered Alumni association:**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1.44	2	0	2.45	1.20

Answer After DVV Verification :

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

1.02	2	0	1.45	1.20

Remark : DVV has made changes as per supporting documents shared by HEI

6.3.2	**Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year-wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
22	09	01	25	32

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

Remark : DVV has made changes as per supporting documents shared by HEI and input value "0" has been considered as we have not received e-copies of letters showing financial assistance to teachers

6.5.3	**Institution has adopted the following for Quality assurance***:

1. **Academic and Administrative Audit (AAA) and follow up action taken**
2. **Conferences, Seminars, Workshops on quality conducted**
3. **Collaborative quality initiatives with other institution(s)**
4. **Orientation programme on quality issues for teachers and students**
5. **Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc**
6. **Any other quality audit recognized by state, national or international agencies**

Answer before DVV Verification : A. Any 5 or more of the above
Answer After DVV Verification: C. Any 3 of the above

Remark : DVV has made changes as per supportings shared by HEI and 2 of above option has been selected as we have received supportings of Academic and Administrative Audit (AAA) and follow up action taken and Collaborative quality initiatives with other institution(s)

7.1.2	*The Institution has facilities for alternate sources of energy and energy conservation measures*

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment
6. Wind mill or any other clean green energy

	Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: D. Any 1 of the above Remark : DVV has made changes as per the report shared by the HEI
7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds** 4. **Waste water recycling** 5. **Maintenance of water bodies and distribution system in the campus** Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: D. Any 1of the above Remark : DVV has made changes as per supportings shared by HEI and any 1 of above option has been selected as we have received geo tagged photographs of Rain water harvesting
7.1.6	**Quality audits on environment and energy are regularly undertaken by the institution** **The institutional environment and energy initiatives are confirmed through the following** 1. **Green audit / Environmental audit** 2. **Energy audit** 3. **Clean and green campus recognitions/awards** 4. **Beyond the campus environmental promotion and sustainability activities** Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: D. Any 1 of the above Remark : DVV has made changes as per the report shared by the HEI

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of full time teachers year wise during the last five years** Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
188	164	178	191	154 | Answer After DVV Verification: | 2022-23	2021-22	2020-21	2019-20	2018-19
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178	158	138	127	123	
1.2	**Total number of full time teachers worked/working in the institution (without repeat count) during last five years:** Answer before DVV Verification : 195

	Answer after DVV Verification : 178
2.1	**Total expenditure excluding salary year wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
724.81	697.05	880.47	540.69	1250.73

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
736.16	706.07	280.98	581.20	612.66