

# **SELF STUDY REPORT**

for

## **3<sup>rd</sup> CYCLE OF ACCREDITATION**



**Submitted to**  
**National Assessment and Accreditation Council (NAAC)**  
**Bangalore**



**Kalinga Institute of Industrial Technology**  
**Deemed to be University**  
**At/PO-KIIT, Bhubaneswar - 751024**  
**[www.kiit.ac.in](http://www.kiit.ac.in)**



# **SELF STUDY REPORT**

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**3<sup>rd</sup> CYCLE OF ACCREDITATION**

**KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY  
DEEMED TO BE UNIVERSITY**

**AT/PO-KIIT, BHUBANESWAR  
751024  
[www.kiit.ac.in](http://www.kiit.ac.in)**

**SSR SUBMITTED DATE: 07-10-2021**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**October 2021**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar has evolved into a multi-disciplinary Institution, respected worldwide for its culture of educational excellence. Students from all states of the country and from over 50 countries have enrolled for graduate, post-graduate, doctoral, and post-doctoral studies in a wide range of disciplines. KIIT integrates education with human values through a clearly laid policy to ensure equity and inclusion. The excellent academic ambience, quality faculty, adherence to strict academic rigor, and plethora of other academic activities led to the grant of Deemed University status under Section 3 of UGC Act 1956 to the institute by the Ministry of HRD, Govt. of India in 2004.

KIIT has been **conferred ‘Institute of Eminence’ Tag by MHRD**, Government of India in 2019. University Grants Commission has **granted graded Autonomy Status** to KIIT in 2018. KIIT was **conferred Category ‘A’ status by MHRD** in 2014 and **12B status by UGC** in 2016.

**KIIT ranked 21st as a University in NIRF 2021 and 801-1000 in THE World University Rankings 2022. KIIT has ranked 201-300 in THE University Impact Rankings 2021 having individual rankings of 86, 101-200, 201-300 and 201-300 in SDG10, 17, 4 and 16 respectively. It has topped the ARIIA rankings among self financed Universities in 2020.**

**KIIT has become the first Indian university to achieve the “Five Stars Rating” from the prestigious QS Star Ratings System in 2021.**

The Institution perceives quality and excellence in two fronts: Academic and Administrative. In the academic front, priority has always been to provide the best resources as well as regular updating of syllabi. State-of-the-art equipment in the chosen area of study/research has been the aim. Laboratory resources are constantly upgraded in accordance with availability of funds. An intellectually stimulating environment in terms of space is provided to the academic community. Quality improvement programs of faculty are encouraged including Faculty Development and other staff development initiatives. In the administrative front, modern practices of e-governance, automation are being pursued keeping in view utmost transparency in governance system. SAP has been implemented in all processes across the Institution.

### Vision

The vision of Kalinga Institute of Industrial Technology is stated as:

To create an advanced centre of professional learning of international standing where pursuit of knowledge and excellence shall reign supreme, unfettered by the barriers of nationality, language, cultural plurality and religion.

### Mission

The mission statements of Kalinga Institute of Industrial Technology are:

- Imparting value based quality education of international standard and imbibing skill for solving real life problems.
- Inculcating global perspective in attitude.
- Creating leadership qualities with futuristic vision.
- Fostering spirit of entrepreneurship and realization of societal responsibilities.
- Cultivating adaptation of ethics, morality and healthy practices in professional life.
- Instilling habit of continual learning.
- Encouraging and supporting creative abilities and research temperament.
- Establishing and promoting close interaction with industries and other utility sectors and keep abreast with state-of-the-art technology.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

KIIT, Deemed to be University, is among India's most sought-after Universities, attracting students from all over India and more than 50 countries to pursue professional and technical education. It has built its reputation as the most student-friendly Institute, anchored on the principles of compassion and humanity.

- KIIT has joined the select league of 10 public and 10 private Universities in 2019 which would be developed as world-class institutions under the Institution of Eminence (IoE) scheme of the Govt. of India.
- **KIIT ranked 21st as a University in NIRF 2021 and 801-1000 in THE World University Rankings 2022. KIIT has ranked 201-300 in THE University Impact Rankings 2021 having individual rankings of 86, 101-200, 201-300 and 201-300 in SDG10, 17, 4 and 16 respectively. It has topped the ARIIA rankings among self financed Universities in 2020.**
- **KIIT has become the first Indian university to achieve the “Five Stars Rating” from the prestigious QS Star Ratings System.**
- Decentralized, transparent and participative Governance system supported by a strong quality assurance system.
- Fully residential campus with World class infrastructure with state of the art classrooms, labs, centers of excellence, libraries, super-specialty hospital, sports complexes.
- Over 3,71,354 sq. ft. of well-appointed courts, tracks and fields, with World class sports facilities for a wide range of sports, Yoga, Gymnasiums etc.
- Students from all states of India and from over 50 countries.
- Highly qualified faculty members with rich academic and research experience from India and abroad.
- Cent percent placement record.



- Interdisciplinary research in the areas of robotics, aerodynamics, solar vehicle, renewable energy, cancer diagnostics, rural entrepreneurship and other diverse and verging areas.
- Effective tutor-mentoring system to support students in multifarious ways.
- Facilitating holistic development of each and every staff member for which it has been awarded the 'Workplace of the Year' by Asian Awards 2020.
- Fully automated SAP based integrated management system for all processes of the University.
- Creating positive social impact since inception, through continuous community engagements .
- 300 MoUs with Universities, research organisations and Corporate from India and abroad creating avenues for academic and research exposure for its students, scholars and faculty members.
- Frequently visited by nobel laureates and national and international dignitaries.

### **Institutional Weakness**

- KIIT is focused on implementing different best practices as a Deemed University in the field of education, skill development and other initiatives to contribute significantly to human development index. However, it is facing some executional and operational difficulties associated with cultural adaptation.
- As a part of social projects, outreach activities and social interventions, volunteers working in remote rural areas often face issues due to language barrier and social/ cultural barrier.

### **Institutional Opportunity**

There are avenues and opportunities for further growth and improvements on which the Institute is currently working which are outlined below:

- Strengthening internationally acclaimed courses
- Developing Massive Open Online Courses for all categories of students.
- Accelerating collaborative research and exchange programmes nationally and internationally.
- Engaging students with more number of Capstone projects in collaboration with industries.
- Emphasis on Interdisciplinary research on areas addressing UN Sustainable Development Goals.
- Opportunities for more consultancies from different Schools through existing research laboratories and Centers of Excellence.
- Facilities for product innovation and support available and should be exploited more through the incubation cell.
- Due to huge social and community engagements, public policy and social science research utilizing technology and science to be given more emphasis.

### **Institutional Challenge**

- As KIIT is multidisciplinary University with many schools, which are competing with national and international institutions, the growth of each and discipline at the same pace and necessary mentoring is a challenge for the Institution. However, the Institute has revised and reframed its strategies for accelerating the growth of different Schools and action plan is under implementation. More strategies are being formulated in this direction.
- Appointment of foreign faculty members as fulltime faculty members is a challenge due to the absence

of requisite supporting policy.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

Wide range of undergraduate, postgraduate and doctoral programs covering different domains of engineering and technology, applied sciences, computer applications, management, law, commerce, humanities, architecture, fashion technology, film and media sciences, mass communications, health sciences, social sciences, yoga and spiritualism are being offered.

- All programs have updated curriculum designed with inputs from stakeholders, in alignment with the mission of the institute, program objectives and keeping social, national and international issues and demands in consideration.
- Each course also has a specific set of course outcomes aligned with the program outcomes, reflecting current trends and demands in different domains of employability, skill development and entrepreneurship.
- Academic flexibility with provision of Choice based credit system (CBCS) and Credit Transfer facilities. CBCS have been implemented in all programmes.
- Cross cutting issues relevant to professional ethics, gender, human values, environment and sustainability have also been incorporated into the curriculum.
- Steps towards creating awareness and contributing through research and social intervention to address the UN Sustainable Development Goals are being undertaken.
- **More than 500 value added courses have been offered and 100% students have been enrolling** for such courses in the last five years.
- All courses offered have employability, entrepreneurship and skill development component in them.
- Apart from these, **100% students undertake vocational training, internships, field visits or research projects** under the supervision of their tutor mentor or faculty in charge of training and placement for different Schools. This is facilitated through the institute's liaison with industrial organizations, corporate, research centers, regional, national and international institutes of repute.
- Structured feedback collection from different stakeholders involving students, teachers, employers, alumni and parents exists on different aspects including syllabus and curricula. The feedback received are analyzed, informed to the competent bodies or authorities. The action taken and outcomes are reviewed.

### Teaching-learning and Evaluation

- Proper mechanism to ensure transparent and well administered admission processes.
- Admissions to all programs are done online through KIIT entrance examination (KIITEE) except for admission to health sciences programs, which are done through NEET.
- Admissions in specific programs are also done based on NATA, GATE & CAT/MAT scores etc .
- **The admission process is free** and those qualified appear for the counseling process to choose and confirm their admission.
- The demand ratios for different programs have remained high over the years (~20).
- Reservation policy as formulated by Government of India is stringently followed and all reserved category seats are completely filled. 30 % seats are also reserved for women.

- **The student-teacher ratio is currently 13: 1** and so is the mentor to student ratio.
- Updated curriculum is provided to its students supplemented by different student centric methods involving learning activities to harness their cognitive learning skills and address different Bloom's learning levels.
- ICT technologies and learning resources facilitated by smart classrooms and virtual labs to impart the lessons.
- Defined process to ascertain the learning levels of students through class participation and performance in different assessments; attainments are calculated corresponding to different course outcomes and subsequently for program and program specific outcomes; accordingly, special programs are organized for fast and slow learners.
- Examination system is 100% automated with the integration of SAP-based integrated system, digital evaluation platforms and learning management systems like Eduquity, Moodle etc to facilitate timely evaluation and publication of results within an average of 15 days from the end of examination.
- Highly qualified faculty pool having an **average experience of over 9 years with more than 70% of them having doctoral and post doctoral degrees** .
- **Student pass percentage over the last 5 years have remained 100%.**

### Research, Innovations and Extension

Policies in place to ensure promotion of research and facilities, resource mobilization for research, innovation ecosystem, research publications and awards, promote consultancy, extension activities and collaboration at national and international level.

- Center for Scientific Research with seed money of US\$1.2 million.
- Central Advanced Research Center has been established in 11 lakh square feet built up area and with sophisticated equipment for advanced research.
- 36 Centers of Excellence.
- Green house facilities, museum, media laboratory/studios, business labs, research/statistical databases, moot court, theatres and art galleries are also available.
- University Level Research Committee collaborates with various Educational, Scientific and Research Organizations along with monitoring and addressing issues related to research.
- Seed money amounting to 2.5 crores each year is provided to young faculty members to promote research.
- Policy on consultancy includes revenue sharing between the institution and the individual and continually encourages its faculty to undertake consultancy.
- Policy to invest the consultancy earnings for promotion of R&D activities.
- KIIT Technology Business Incubator supported by Department of Science and Technology, Government of India has been established to promote innovations and entrepreneurship.
- KIIT-TBI along with the Technology Transfer Office and Technology Enabling Center created an ecosystem for innovations, and for creation and transfer of knowledge.
- Implementation of Code of Ethics for research.
- Presence of Ethics committee and Research Advisory Committee.
- Plagiarism check through software.
- Provision of incentives to teachers receiving national and international recognitions.
- Preparation of e-content and learning resources through its own LMS or MOOCs providers.
- Key aspects /research outputs in the last 5years:
  - **555 research fellows and associates enrolled.**

- **Nearly, 73% of the Schools have recognition from different national and international agencies.**
- **Extramural funding for research more than 300 crores INR .**
- **1182 workshops/seminars conducted in last 5 years.**
- **389 awards/ recognition have been received for research/ innovations by the Institution, its faculty members and students.**
- **120 Number of Patents published / awarded during the last five years.**
- **426 Ph. Ds have been awarded**
- **11123 research publications.**
- **1106 extension activities carried out and 180 awards received**
- **53 Collaborative activities per year**
- **300 functional MoUs with institutions/ industries in India and abroad.**

### **Infrastructure and Learning Resources**

- **Eco-friendly green campus with adequate world class modern infrastructural facilities** and round the clock wi-fi facilities to facilitate the teaching-learning process.
- **Over 500 Classrooms and seminar halls - all ICT enabled facilities** with LCD, smart board, Wi-Fi/LAN, audio video recording facilities.
- **Fully automated Library** using Integrated Library Management System (ILMS) and has digitization facility.
- **Provide 24X7 access to wide spectrum of e-journals, ebooks, e-resources, e-ShodhSindhu, Shodhganga Membership and digital repositories** like the Remotexs platform, Dspace, Libsys and so on.
- **36 centres of excellences and more than 300 academic & research Labs**
- The institution has an IT policy, makes appropriate budgetary provision and upgrades its IT facilities including Wi-Fi facility.
- Students and faculty members are provided with individual laptops for academic and research purposes and there are workstations in different labs and research centers as well.
- The available bandwidth of internet connection is above 2.75 GBPS.
- Student activity centre with functioning 30 student societies and professional chapters Cubicles are available for individual reading, 1800 sq. ft area is for relaxed reading and IT zone for accessing e-resources is also available.
- Rooftop lounge area and e-browsing centre.
- Facilities for e-content development including media center, audio-visual center, lecture capturing system, mixing equipments and software for editing are available.
- Over 3,71,354 sq. ft. of well-appointed courts, tracks and fields, with World class sports facilities for a wide range of sports, Yoga, Gymnasiums etc.
- Medical facilities through 2000 bedded Super specialty hospital
- Development Office headed by Director, Development Officer looks after the maintenance activities of all above facilities. Assistant Development Officer (ADO), Deputy Development Officer and adequate support staffs in each campus to look after its maintenance work.
- Individual Cafeteria available in each campus.
- 8 banks and 14 ATMs, Post office, Railway reservation counter, Stationery shops, Food courts are available in and around the campus.



## Student Support and Progression

- Emphasis is given on holistic student support, student progression, student participation in different co-curricular and extra-curricular activities and active alumni engagement.
- Provision of various scholarship schemes for needy meritorious students (<https://kiit.ac.in/academics/scholarships-fellowships/>). 19.36% students have been benefited by scholarships provided from all sources in last 5 years.
- Zero tolerance policy followed towards harassment of any kind and grievance redressal systems have been established to address student issues and maintain harassment free ambience.
- **1182 capacity development and skills enhancement programs** have been conducted in different domains in last 5 years.
- All students are provided with career counseling support, special sessions for placement preparedness and competitive examinations.
- **95.74% students have been placed in different organizations and 31.41 % have progressed to higher education.**
- The average percentage of students qualifying in state/national/ international level examinations during the last five years has been 100%.
- Different activities, events and festivals are organized round the year by the institution and all students are encouraged to participate.
- Student Activity Centre along with functioning 30 student societies and professional chapters brings all the students under one roof with the objective of providing a platform for sharing of talent, culture and innovative ideas.
- **A plethora of sports and cultural events / competitions** are organized during the last 5 years.
- **8719 awards / medals have been won by students** for outstanding performance in sports / cultural activities at different events during the last 5 years.
- Registered Alumni Association KIITAA. Alumni feedback plays a major part in curriculum design and development.
- Major activities like conduct of Seminars and Workshops, providing resource persons from the industry, providing financial aid to needy students as scholarships and endowments, assisting the activities of the Placement Cell etc were organized by the Alumni.
- Alumni helped to maintain liaison with the industrial, business, governmental, research and developmental establishments in and outside the country. ?

## Governance, Leadership and Management

- Strong participative and inclusive governance system as approved by the UGC.
- The apex governing body is the Board of Management with the Vice-Chancellor as its chairman.
- Well-structured decentralized governance system followed.
- Utmost transparency in governance is maintained with active participation of all its stake holders with a clear reflection of its vision and mission.
- Established rules followed in setting up auxiliary units to take care of administrative needs.
- E-Governance has been successfully implemented in all fronts with the SAP based Integrated Management System.
- Authorities remain responsible and accountable to their jobs and function independently and collectively as prescribed by the rules and regulations of the University.
- Well defined policies for the mobilization of funds and efficient utilization of resources in place.
- Significant contribution by the Internal Quality Assurance Cell (IQAC) in institutionalizing the quality

assurance strategies and processes through robust outcome based education system, rigorous feedback and analysis, national and international accreditations and their compliances, participations in national and international rankings, inculcation of best practices etc.

- IQAC coordinates different development/training programs, quality initiatives, workshops, performance appraisal systems, audit processes for academic, administrative and finance activities involving external members in periodic basis.
- Staff members are encouraged to attend at least one development program per year and financial assistance is provided for research activities undertaken.
- Through various accreditation and rankings, the system puts itself into self scrutiny for check and balance measures.
  - **5 UG engineering programs accredited by IET, UK.**
  - **8 B. Tech Programs accredited by NBA under Washington Accord.**
  - **ABET accreditation for 6 UG Engineering programs is underway.**
  - **India's first '5-star' rated India as declared by QS-Stars in 2021.**
  - **Ranked 1st among the self financed Universities in ARIIA rankings 2020 ;**
  - **Ranked 21st as a University in NIRF 2021**
  - **Among international rankings, it has been ranked 801-1000 in THE World University rankings 2022 and 201-300 in THE University Impact Rankings 2021.**
- **Mentor institute for regional institutes for NAAC accreditation under the UGC 'Paramarsh' scheme.**

### Institutional Values and Best Practices

The Institute is committed to addressing the UN Sustainable Development goals through its actions reflecting its values and best practices. It has been creating several impacts in empowering the society through different interventions. Best practices worth mentioning are:

1. **Community oriented Learning, Research and Development:** The academic and research policies of KIIT-DU are oriented to engage with the community and strive to make positive impacts by addressing regional and social issues. The Institute currently has 300 MoUs with reputed Universities, research labs and corporate organizations through which it is trying to establish internationally relevant academic and research ambience in the state. It has joined hands with the regional colleges to empower them and intensify joint research on social, national and current issues. KIIT-DU is also working towards the uplift of the tribal communities in the state through literacy programs, skill development workshops, agricultural support, marketing of tribal products and many more. KIIT-DU is also collaborating with local institutions to facilitate the process and jointly contribute to this initiative.
2. Apart from the above, **the faculties, staffs and students are involved in different social outreach activities** through social empowerment and welfare schemes namely the 'ART OF GIVING and 'Kanyakiran', etc. They are also involved in voluntary academic services and awareness programs aligned with the UN SDGs in association with KISS Foundations, different NGOs in adopted schools, orphanages, in different districts and rural areas. KIIT-DU has come forward and launched massive community services during the COVID-19 pandemic details of which can be found in <https://kiit.ac.in/sustainability-and-equity/>.
3. **KIIT-DU has also established an ecosystem for promoting research and innovation** through a robust infrastructure of research labs, KIIT Technology Business Incubator Cell and multiple Centers of Excellence. Continuous upgrading of facilities is carried out and more such facilities will be added in the near future. It has implemented several policies and schemes to attract meritorious research students,

induct young students into in-house research programs, promote visibility of research through high impact publications, attract research funding, augment product innovation and contribute towards the SDGs through multidisciplinary research groups set up within the institute.

NAAC

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY DEEMED TO BE UNIVERSITY
Address	AT/PO-KIIT, Bhubaneswar
City	BHUBANESHWAR
State	Orissa
Pin	751024
Website	<a href="http://www.kiit.ac.in">www.kiit.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Hrushiksha Mohanty	0674-8114382202	9937220195	-	vc@kiit.ac.in
IQAC / CIQA coordinator	Arindam Deb	0674-7035188	9937620448	0674-2725481	adebfet@kiit.ac.in

Nature of University	
Nature of University	Deemed University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	08-08-1997
Status Prior to Establishment, If applicable	

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	AT/PO-KIIT, Bhubaneswar	Urban	160.559	15000000	Engineering, Health Sciences, Architecture, Law, Biotechnology		

## 2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University



Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)		: Yes
SRA program	Document	
AICTE	<a href="#">104785_5794_1_1615280857.PDF</a>	
BCI	<a href="#">104785_5794_8_1615957263.PDF</a>	
COA	<a href="#">104785_5794_18_1615957280.PDF</a>	
DCI	<a href="#">104785_5794_5_1615963826.pdf</a>	
INC	<a href="#">104785_5794_7_1615964684.pdf</a>	
MCI	<a href="#">104785_5794_2_1617083726.pdf</a>	

### Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	289				578				1158			
Recruited	202	87	0	289	405	173	0	578	811	347	0	1158
Yet to Recruit	0				0				0			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				6500
Recruited	4311	2189	0	6500
Yet to Recruit				0
On Contract	0	0	0	0

Technical Staff				
	Male	Female	Others	Total
Sanctioned				1717
Recruited	1062	655	0	1717
Yet to Recruit				0
On Contract	0	0	0	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	10	4	0	32	11	0	0	0	0	57
Ph.D.	192	83	0	327	141	0	540	184	0	1467
M.Phil.	0	0	0	0	0	0	9	4	0	13
PG	0	0	0	46	21	0	262	159	0	488

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD	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

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	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

**Distinguished Academicians Appointed As**

	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Emeritus Professor	9	0	0	9
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

**Chairs Instituted by the University**

<b>Sl.No</b>	<b>Name of the Department</b>	<b>Name of the Chair</b>	<b>Name of the Sponsor Organisation/Agency</b>
1	School of Law	Madhusudan Das Chair and Research Centre	KIIT
2	Schools for Engineering	A P J Abdul Kalam Research Chair	KIIT
3	Schools of Engineering	C V Raman Chair and Research Centre	KIIT
4	Schools of Engineering	Homi Bhabha Research Chair	KIIT
5	School of Law	Biju Pattnaik Chair	KIIT

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

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	703	9247	0	781	10731
	Female	775	10232	0	826	11833
	Others	0	0	0	0	0
PG	Male	703	227	0	47	977
	Female	374	187	0	11	572
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	65	46	0	3	114
	Female	67	26	0	1	94
	Others	0	0	0	0	0
Post Master's (DM,Ayurveda Vachaspathi,M. Ch)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	2

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	4	5	0	0	9
Female	15	8	0	0	23
Others	0	0	0	0	0

**Details of UGC Human Resource Development Centre, If applicable**



Year of Establishment	17-04-2015
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	87
Total Number of Programmes Conducted (last five years)	87

**Accreditation Details**

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	A	3.36	<a href="#">NAAC 2010.PDF</a>
Cycle 2	Accreditation	A	3.48	<a href="#">certificate NAAC.pdf</a>

**2.3 EVALUATIVE REPORT OF THE DEPARTMENTS**

Department Name	Upload Report
Kalinga Institute Of Dental Sciences	<a href="#">View Document</a>
Kalinga Institute Of Medical Sciences	<a href="#">View Document</a>
Kalinga Institute Of Nursing Sciences	<a href="#">View Document</a>
School Of Applied Sciences	<a href="#">View Document</a>
School Of Architecture And Planning	<a href="#">View Document</a>
School Of Biotechnology	<a href="#">View Document</a>
School Of Chemical Technology	<a href="#">View Document</a>
School Of Commerce And Economics	<a href="#">View Document</a>
School Of Computer Applications	<a href="#">View Document</a>
School Of Engineering	<a href="#">View Document</a>
School Of Fashion Technology	<a href="#">View Document</a>
School Of Film And Media Sciences	<a href="#">View Document</a>
School Of Law	<a href="#">View Document</a>
School Of Management	<a href="#">View Document</a>
School Of Mass Communications	<a href="#">View Document</a>
School Of Public Health	<a href="#">View Document</a>
School Of Rural Management	<a href="#">View Document</a>
School Of Social Sciences	<a href="#">View Document</a>
School Of Yoga	<a href="#">View Document</a>

## Extended Profile

### 1 Program

#### 1.1

**Number of programs offered year-wise for last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
60	47	46	41	37
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 1.2

**Number of departments offering academic programmes**

**Response: 19**

### 2 Students

#### 2.1

**Number of students year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
26024	25791	24551	21697	20996
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

**Number of outgoing / final year students year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
6813	6552	5714	4656	4798
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**2.3****Number of students appeared in the University examination year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
24058	24288	23341	20847	19397
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**2.4****Number of revaluation applications year-wise during the last 5 years**

2019-20	2018-19	2017-18	2016-17	2015-16
2	1	2	3	5

**3 Teachers****3.1****Number of courses in all programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2658	2735	2626	2429	2210
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

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

2019-20	2018-19	2017-18	2016-17	2015-16
2025	1748	1705	1447	1401
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**3.3**

**Number of sanctioned posts year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2025	1748	1705	1447	1401
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4 Institution****4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
133232	128605	112966	133483	207344
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.2****Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2962	3060	2852	2634	2466
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.3****Total number of classrooms and seminar halls****Response: 514****4.4****Total number of computers in the campus for academic purpose****Response: 31117**



**4.5****Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
49871.64	48546.25	46180.07	37675.52	31018.95

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## 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, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**

##### Response:

Kalinga Institute of Industrial Technology, Deemed to be University offers a wide spectrum of professional degree courses encompassing domains of engineering and technology, applied sciences, architecture, biotechnology, commerce and economics, management studies, law, humanities, social sciences, medical sciences, dental sciences, nursing sciences and public health sciences.

##### Curriculum development and implementation

- The curriculum is upgraded periodically by the active participation of an expert team of experienced faculty members, bench-marking the syllabus for the National/International Institutes and to address the UN Sustainable Development Goals.
- The comprehensive report is presented to the Board of Studies along with the recommendations from accrediting bodies, guidelines from statutory bodies and inputs from stakeholders.
- The Board of Studies comprises eminent academicians and industrial experts who, through elaborate deliberation with the faculty team finalize the curriculum and course contents, for further approval by the Academic council. Issues of national and international importance are addressed in the process through curriculum revisions periodically focusing on Digital India, Make in India initiatives, upcoming technologies on Blockchain, cyber –physical systems, internet of things, 5G communication, 3D printing, automotive mechatronics, renewable energy, green technologies, robotics, artificial intelligence, genetic studies, advanced oncology, social behavior modeling, innovation management, social entrepreneurship, smart technologies and sustainable development to name a few.
- The curriculum provides sufficient scope to the students to explore their potential and understanding of cutting edge technologies/issues in core, diverse and interdisciplinary domains; open elective courses, minor specializations live and interdisciplinary projects, practical experiences from Industrial Centers of Excellence (in campus), and entrepreneurship initiatives supported by the KIIT Technology Business Incubator Cell. The electives also include industry electives to make the students industry ready after graduation.
- A Plethora of labs and libraries are available (24x7) for students to work and study.
- KIIT-DU has entered into collaboration with MOOCs giant Coursera bringing a plethora of courses from different domains for students delivered by instructors globally.

##### Program Educational Objectives (PEOs)

- The Program Educational Objectives (PEOs) reflect what graduates are expected to attain within a few years of graduation. Every Program has a defined set of PEOs.
- To attain the PEOs, the graduates need to have sufficient attainment of graduate attributes reflected

through Program Outcomes (POs) and Program Specific Outcomes (PSOs), defined for every program. The POs take in to account the general graduate attributes. The PSOs reflect the specific abilities developed through the program core curriculum and the expertise required, addressing topics and issues of local, national, regional and global importance.

- The course outcomes reflect the competencies the student is supposed to develop on completion of a course and is mapped linked with the POs and PSOs for every program through different correlation levels. Every course offered has defined set of course outcomes aligned with Bloom's Learning levels. The combined competencies indicated by the course outcomes for courses keeping in consideration issues of local and global relevance are expected to lead to expertise in handling and proposing solutions associated with such issues.

### 1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

**Response:** 100

#### 1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years

**Response:** 60

#### 1.1.2.2 Number of all Programmes offered by the institution during the last five years.

**Response:** 60

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Details of Programme syllabus revision in last 5 years	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

**Response:** 100

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

2019-20	2018-19	2017-18	2016-17	2015-16
2658	2735	2626	2429	2210

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 1.2 Academic Flexibility

<b>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</b>  <b>Response:</b> 92.72	
<b>1.2.1.1 How many new courses were introduced within the last five years.</b>  <b>Response:</b> 3848	
<b>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</b>  <b>Response:</b> 4150	
File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

<b>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</b>  <b>Response:</b> 100	
<b>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</b>  <b>Response:</b> 60	
File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

<b>1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum</b>  <b>Response:</b>  KIIT, Deemed to be University offers a wide spectrum of professional courses encompassing domains of engineering and technology, applied sciences, architecture, biotechnology, commerce and economics, management studies, law, humanities, social sciences, medical sciences, dental sciences, nursing sciences and public health sciences.  The curricula for different programs offered in these diverse domains address cross cutting issues relevant to professional ethics, gender, human values, environment and sustainability. The program outcomes for different programs are also framed to take into account different aspects corresponding to the issues
--

mentioned above.

Examples of courses offered as a part of the curriculum in this regard are:

- Environmental Science
- Global Warming and Climate Change
- Green Buildings
- Environmental Chemistry
- Disaster Management
- Water Resources Management
- Renewable Energy Sources
- Solar Power Technology
- Energy Conservation Techniques
- Quality Engineering and Management
- Entrepreneurship Organizational Behavior
- Human Resource Management Psychology
- Constitutional Law of India-I
- Constitutional Law of India-II
- Professional Ethics
- Legal Issues and Requirements in Engineering
- Professional Practice, Law and Ethics

Other courses are also being offered.

All courses are offered with the objective of facilitating the students attain the respective course outcomes and the program outcomes to a broader extent which also reflects different cross cutting issues. Courses include case studies, practical experiences, learning activities and contents beyond the curriculum (but related to the domain).

Learning activities, tasks and deliveries are also done keeping the cross cutting issues in consideration. Students are also required to undertake group or individual or review /research projects to complete curricular requirements.

- The students are advised and guided to undertake projects that provide environment friendly solutions preferably addressing one or more UN Sustainable Development Goals (SDGs).
- Project groups are formed to indicate a fair mix of boys and girls aimed to kindle respect for each other. However, projects provide a platform for working together and to promote the leadership quality.
- Group activities also form a part of the continuous learning activities, laboratory tasks and field activities. These activities are coordinated with no gender biases in any regard and all human values are upheld.

Different workshops/ programs are delivered to ensure that the students develop conscience and respect for global ethics and universal human values.

Students are extensively involved in different social outreach and extension activities through different societies under the aegis of KIIT-DU. The students develop strategies to fight national issues with respect to gender discrimination, upholding human values, ethical responsibilities, environmental protection and



others.

The activities, surveys and impact created are analyzed by the Center for Sustainability and Equity. The center provides input to the Schools/Departments for curriculum enrichment based on the cross cutting issues and the SDGs.

It may also be noted that according to the 'Anti Discrimination and Equal Opportunity' policy of the Institute, individuals and groups within the KIIT work in an environment where all decisions are free of discrimination, where they have equal opportunity based on relevant abilities and merit.

### **1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.**

**Response:** 510

#### **1.3.2.1 How many new value-added courses are added within the last five years.**

**Response:** 510

### **1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.**

**Response:** 100

#### **1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
26024	25791	24551	21697	20996

### **1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).**

**Response:** 100

#### **1.3.4.1 Number of students undertaking field projects or research projects or internships.**

**Response:** 26024

<b>File Description</b>	<b>Document</b>
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni**

**Response:** A. All 4 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**1.4.2 Feedback processes of the institution may be classified as follows:**

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Demand Ratio (Average of last five years)

**Response:** 20.41

##### 2.1.1.1 Number of seats available year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
7153	7664	7401	6996	6419

#### File Description

#### Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

**Response:** 100

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

2019-20	2018-19	2017-18	2016-17	2015-16
2962	3060	2852	2634	2466

#### File Description

#### Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

### 2.2 Catering to Student Diversity

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

**Response:**

KIIT, Deemed to be University has adopted an integrated teaching learning process facilitating high

attainment of stated learning outcomes by the students. There is a well defined mechanism for identifying slow and fast learners followed by strategies to support them and provide an additional edge to their career growth.

### **Identification of slow and fast learners**

- Identification of slow and fast learners is fundamentally done through direct and indirect assessment of Bloom's cognitive learning levels.
- Every student has a dedicated tutor mentor who remains in constant touch with the students and monitors the performance against different learning levels with direct inputs from the course teachers, different assessments and examinations.
- The examination papers and learning activities are designed ensuring that they are mapped to the course outcomes and Bloom's learning levels.
- The tutor mentor also maintains database on curricular activities, extracurricular activities, interests, achievements and failure of assigned students.

### **Strategies for Slow Learners:**

- Tutor mentors hold special counseling sessions with the students identifying knowledge gaps in conceptual areas, current courses and their prerequisites. Students also find difficulty in managing time among course studies, additional preparations and extracurricular activities. The tutor mentor holds additional sessions with student groups to fill in the gaps and counsel them on time and activity management. The tutor mentor keeps a follow up on the progress made by each student for further actions.
- The students facing difficulty in understanding for particular topic are also referred to the concerned course faculty/coordinator who arranges special remedial and tutorial sessions beyond regular class hours focusing on clarity on the contents. Additional practice classes or hands on workshop are also being organized. Supplementary video demonstrations, animations and case studies are used to facilitate students' learning. Recorded videos and demonstrations are also being made available for online access.
- Peer learning process has been introduced in the academic system where senior fast-learner students are involved in coordinating sessions for handholding junior slow-learner students.
- Flipped classroom sessions are carried out, providing scope to the students for active engagement and learning at their own pace.

### **Strategies for Fast Learners:**

- The fast-learning students are encouraged to perform open ended experiments and to enroll in research group as research student under academic adoption scheme from early semesters. These groups of students are facilitated to do product based research in association with Technology Business Incubator Cell. They are also motivated to publish research papers, in reputed conferences/ symposiums/ workshops/ journals. Special attention is given to promote start ups through them.
- The Institute provides career counseling and training for different entrance examinations for higher studies and civil services examination for students. Fast learning students are especially guided to appear such competitive examinations and to participate in higher study programs.

All students are advised to enroll in different value added courses offered by the Institute, participate in outreach activities for more exposure, undergo industry visits, and participate in all seminars, workshops and guest lectures by renowned academicians and industry experts.

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

**Response:** 13:1

## 2.3 Teaching- Learning Process

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

**Response:**

The Institute has adopted an integrated teaching learning process which includes different student centric methods aimed for enhancing learning experiences.

The curricula and courses are updated periodically satisfying requirements by statutory bodies, addressing global issues, and course and program outcomes along with the Bloom's learning levels.

Students are provided with choice based credit system having a blend of mandatory and elective courses. Students can opt for electives from ones' core domain (as Program electives) or from other domains (open electives). The institution has introduced minor specializations which can be taken up by the students along with their core discipline for additional exposure. The institute has also entered into collaboration with MOOCs giant Coursera offering more course options and learning avenues for students.

The continuous assessment of a student in a course requires full engagement in different activities as an individual or in a group. Group activities include group discussions, field work, surveys, laboratory tasks and group projects. Individual tasks vary from student to student as allocated by the course teacher.

**The institute has introduced a framework of learning activities with the following focus areas in all streams:**

- **Interactive focus:** Activities include synchronous and collaborative discussions, group activities and assignments, etc.
- **Critical thinking:** Activities include undertaking case studies, field surveys, problem identification, reviewing impacts created by previous researchers, identifying gaps and scope for further improvement and strategy formulation.
- **Problem solving:** Activities include implementation of strategies under real life circumstances, developing an understanding of constraints, realizing relevant social, environmental, legal and economic implications and analyzing the impact created; activities also include solving real life open ended problems supported by simulations and modeling relevant to the purpose.
- **Creation:** Activities include design and implementation tasks both at simulation level followed by hardware implementation, real time deployment and study of the impacts.
- **Preparedness for competitive examinations and higher studies:** Activities include extra studies (self-learning) and problem solving as preparation for competitive examinations and higher studies.

- In laboratories, students are allowed to take up open ended tasks either at individual or group basis in the form of micro-projects to hone their analytical and design skills which can be further explored during final year major design projects. The projects are undertaken preferably to address the UN Sustainable Development goals and upcoming issues either directly or indirectly.

Students undertake field/industry visits and undergo internships/trainings to acquaint themselves with the industry and job requirements and develop an understanding of the real time issues. Students are also engaged in live and interdisciplinary projects (in different Centers of Excellence) as well as product innovation and entrepreneurship supported by the Technology Business Incubator Cell.

Career Augmentation and Advisory services prepares students for industry-readiness; School of leadership prepares students for higher studies, competitive and civil services examination.

Students are engaged in outreach activities which provide them an opportunity to reflect upon issues of national and international importance, propose possible solutions and augur future impact.

Students engage themselves in numerous workshops facilitating research network with eminent academicians/industry experts.

### **2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.**

#### **Response:**

The Institute has set up a robust ICT infrastructure enabling students, research scholars, faculty members and staffs reap the benefits of online academic resources to the fullest extent. All faculty members and students are provided with laptops with essential software for academic use.

**Student admission and database management:** Student data are maintained by the Student Life Cycle Management System, component of the SAP based Integrated Management System. The system comprises a database containing student details including academics, attendance, examination results, etc. It can be accessed by the students, their parents and tutor mentors through authorized credentials. The system also facilitates student counseling and admission. Fully proctored entrance examination is facilitated by the Eduquity platform also integrated to SAP.

**Learning Management Systems:** Faculty members have been extensively using different online learning management systems (Gsuite, Google Classrooms, Moodle etc.) along with the SAP to facilitate management, assessment and grading of learning activities and sharing of e-materials with students. With the onset of pandemic, KIIT has seamlessly integrated different video conferencing platforms (Zoom, Google meet, Microsoft Teams, Webex , etc) with its LMS and different secure plug-ins to facilitate remote instruction delivery to its students.

**Mentor-Mentee meetings:** Different video conferencing platforms and WhatsApp groups also facilitate discussion between tutor-mentors and the students.

**Smart Academic Blocks:** The entire campus has high speed wifi access. All classrooms are equipped with

workstations and LAN connections. Academic blocks are equipped with sufficient computer systems having a wide spectrum of licensed software (eg. MATLAB, AutoCAD, Cadence, etc) for academic and research purpose. During pandemic, faculty members have facilitated virtual lab demonstration for the students over online platforms using open source applications and Virtual labs developed by the IITs.

**Centers of Excellence (CoEs) :** Different CoEs are also equipped with state of the art systems and software to perform industrial design projects.

**Library:** The central and School libraries provide online access to a wide spectrum of academic repositories, journals, Dspace and publication houses. All students, scholars and faculty members are provided online access to these repositories through the Remotexs platform. Online access is also provided to 'Turnitin' plagiarism check application and 'EndNote' reference management package. The overall library database management is done using Libsys. Apart from this, students are also provided access to NPTEL Lectures and UGC MOOCs.

**Online Courses:** KIIT has recently collaborated with Coursera, international MOOCs provider offering to offer a plethora of online courses to its students.

**Online Examinations:** The institute had been conducting online assessments even before the pandemic with its technology partner Eduquity and subsequently using MOODLE through a fully proctored online mechanism. The system facilitates seamless evaluation and mark display.

**Placement and Training:** Placement preparedness programs are conducted using online conferencing platforms along with MyPerfectice and AMCAT based LMS.

**Online grievance redressal system:** Online portal for grievance registering and process for immediate redressal is in place.

All academic activities are being done in time without any disruption in the Academic Calendar despite the Pandemic with the help of ICT facilities described above.

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

**Response:** 13:1

#### 2.3.3.1 Number of mentors

**Response:** 2025

File Description	Document
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

**2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years****Response:** 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>

**2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. year-wise during the last five years****Response:** 72.26**2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1601	1357	1150	986	967

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	<a href="#">View Document</a>

**2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)****Response:** 9.23**2.4.3.1 Total experience of full-time teachers****Response:** 18696

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	<a href="#">View Document</a>

**2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years****Response:** 16.87**2.4.4.1 Number of full time teachers receiving awards from state /national /international level from**



**Government/Govt. recognized bodies year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
116	68	54	30	13

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**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 declaration of results year-wise during the last five years****Response:** 15**2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
15	15	15	15	15

File Description	Document
List of Programmes and date of last semester and date of declaration of results	<a href="#">View Document</a>

**2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years****Response:** 0.01**2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2	1	2	3	5

**2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination**

**management system of the institution****Response:**

The Institute has introduced automation and IT integration in its different processes including academics and examination to bring transparency in the system. Continuous learning activities are an integral part of all courses requiring active involvement of the students and harnessing different cognitive skills. For all courses, tasks, assignments, assessment components and questions are being framed to address different course outcomes for different courses. The examinations results help determine the course outcome attainment which further leads to program outcome attainment. The attainment calculations are facilitated through the Institution's own customized software routines implemented through SAP which help in detailed analysis and strategy planning.

All faculty members actively use different licensed and open source learning management systems or culmination of both, for managing student data, ensuring class participation and learning activities, managing different assessment components, tracking their performance and grading. Some of the learning management systems used are Google classroom and other features of G Suite, Quizziz, OpenLMS and Opigno. The institution has adopted the integrated management system based on SAP several years ago wherein students and faculty members are provided with a portal interface for communication and sharing of learning materials. Biometric systems have been installed in different classes which automatically updates student attendance in SAP portal. Internal assessments and grading are facilitated through these online learning management platforms which not only makes the process faster but also transparent.

The institution has adopted the e-evaluation process for written mid semester and end semester examinations from very early on. The answer scripts were scanned and provided to the faculty members for evaluation over an online platform maintained by the Eduquity. This helped in efficient storage and retrieval of data whenever required. The evaluated scanned answer sheets were dispatched to the students with notes and suggestions, facilitating immediate grievance redressal.

The examination data are maintained in the central database operated through SAP under the exclusive supervision of the Controller of Examinations and his team comprising Deputy and Assistant Controllers of examination pertaining to different Schools of the Institution. Auto checks, data validation and verification routines are available in the management system. Declaration and display of results, generation of grade sheets, full grade report and transcripts are done facilitated through SAP.

KIIT-DU introduced the modality of online examinations during COVID-19 pandemic situation to ensure that the academic calendar is not disturbed. It has seamlessly integrated different online video-conferencing tools (Zoom pro and G Suite), networking apps among invigilators and examination staff members working from home (WhatsApp and Telegram) and learning management systems (MOODLE) to conduct all examinations online through a fully proctored mechanism to maintain rigor in the process and ensuring that all necessary learning outcomes are assessed properly. Questions are also randomized while being distributed to students during online examinations but ensuring that all students are being evaluated on the same set of outcomes and learning skills. Time checks have also been introduced among different sections of the question paper to ensure fair conduct of examinations.

**2.5.4 Status of automation of Examination division along with approved Examination Manual**

**Response:** 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>
Current Manual of examination automation system	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents**

**Response:**

The University follows an outcome based education policy across all its programs. All programs have a well defined course structure. Each of the courses in the course structure has defined Course Outcomes (COs). The COs indicate the competencies the students will be able to exhibit on completion of the course. The COs also indicate the different levels of cognitive learning levels associated with the course. Successful completion of a course by a particular student depends on his/her performance in the different assessment components. The assessment components and the associated questions are framed to have direct mapping with the COs.

Every program also has a defined set of Program Outcomes (POs) and Program Specific Outcomes (PSOs). The POs indicate the general abilities and competencies a graduate is expected to develop on graduation and it is related to the successful completion of all the courses in the program. The PO statements cover general aspects and abilities like use of fundamental knowledge, basic concepts and first principles in practical cases, reviewing literature, surveys and case studies and drawing meaningful conclusions; ability to perform experiments, observe results and draw inferences; think critically and display problem solving and analytical abilities; ability to use modern tools and techniques; ability to design, investigate, evaluate systems or products; communicate effectively with a range of audiences in written form as a report or verbally or through graphical presentations; ability to display leadership qualities and team spirit; display ethical and professional responsibilities in all aspects of professional and social life; elicit views of others, mediate disagreements and help reach conclusions in group settings; ability to apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and consequent responsibilities relevant to one's professional practice; understand issues of environmental contexts and sustainable development, and acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes.

Every program has defined PSOs explaining the specific abilities and competencies developed by a graduate on successful completion of the program and they are normally different from one program to another.

The different POs and PSOs are mapped to the course outcomes. Care is taken to ensure that sufficient numbers of mandatory courses (both theoretical and practical) are mapped to the POs and PSOs along with the elective ones. Consequently, the COs of different courses are also mapped to POs and PSOs based on their level of correlation and relevance.

Every program has defined Program Educational Objectives (PEOs) describing what the graduates are expected to attain within a few years of graduation and this is closely related to how strongly a graduate has developed the competencies in terms of POs and PSOs. Correlation exists between the PEOs and the POs/PSOs as well as between the PEOs and the courses.

The outcome statements are publicly disseminated through the institute website (<https://www.kiit.ac.in>), syllabus books, course handouts and in orientation/induction sessions with the students and also by individual course teachers.

### **2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution**

#### **Response:**

Kalinga Institute of Industrial Technology, Deemed to be University follows an outcome based education policy across all its programs. All programs have a well defined course structure. Each of the courses in the course structure has defined Course Outcomes (COs).

The COs indicate the competencies the students will develop on successful completion of the course. The depth to which the competencies are developed or extent to which the course outcomes are attained varies from one student to another for a particular cohort. It is necessary to provide additional support to the students (showing low outcome attainments) in the form of discussion sessions and remedial/bridge classes. The attainments in COs are mainly ascertained through students' performance in different assessment components. For theoretical courses, assessments are done through learning based activities throughout the semester, mid-semester and end semester examinations. For practical courses, assessments are done through continuous engagement in laboratory activities, open ended tasks/experiments and end-semester examination. For sessional courses, assessments are mainly through learning tasks allocated to the students. The project activities require knowledge on core areas as well as interdisciplinary fields, and they are evaluated over the entire span of the year by their supervisor(s) and by an eminent panel at the end of every semester; the focus lies on the project idea, innovation, quality, implementation, usage of modern tools and technologies, advanced knowledge, relevance to local, national and global issues, presentations, conceptual foundation, etc. All the assessment tasks i.e. learning activities and questions are framed such that they are directly mapped with the COs. The percentage marks obtained by a student corresponding to a CO in a particular semester indicates the students' attainment level. The overall batch (including all students who have registered for that course and had undergone the same assessment components) CO attainment is determined by considering the overall percentage CO attainment of all students. The CO attainments for a particular batch are graded as 1, 2 and 3 indicating low, medium and high attainment based on thresholds defined for the course. The same process is carried out for all COs of all courses.

Every program also has Program Outcomes (POs) and Program Specific Outcomes (PSOs) indicating the general and specific abilities a graduate will develop on graduation. The COs of different courses are

mapped to POs and PSOs based on their level of correlation and relevance. Once the CO attainments are available for a particular batch, using the CO-PO/PSO correlation table, the direct PO attainment are obtained. Indirect PO attainments are ascertained through different surveys taken from the graduands, faculty members, alumni and recruiters, etc. The direct and indirect PO attainment scores are combined with 70:30 proportion to determine the overall PO/PSO attainments for a particular batch.

### 2.6.3 Pass Percentage of students(Data for the latest completed academic year)

**Response:** 100

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 6813

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 6813

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 2.98

File Description	Document
Upload database of all currently enrolled students	<a href="#">View Document</a>

## 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 is a well defined policy for promotion of research which is uploaded on the institutional website and implemented**

**Response:**

The center of innovation and research of KIIT University is the coordinating body, created with the primary aim of developing research and innovation ecosystem on the campus of the University.

The University also has a research committee to monitor and address issues related to research.

The composition is as follows.

1. Vice Chancellor - Chairman and

The members are:

1. Research Chair
2. Pro Vice Chancellor
3. Registrar
4. Director / Dean, QA Cell
5. Director, R&D
6. Director, KIMS
7. Director / One Professor, School of Law
8. Director/ Dean/One Professor, School of Management
9. One Professor, School of Electronics/ Computer Science / Electrical
10. One Professor, School of Civil / Mechanical
11. One Professor, School of Applied Science
12. One Professor , School of Humanities and Social Sciences

1. Centre for advanced research has been set up with 1 lakh sqm built up area.
2. Establishment of new advanced laboratories and up-gradation of existing labs
3. 30 Centre of excellence have been established in collaboration with industry and government agencies
4. Adequate technical personnel for caring and maintenance of laboratories and its advanced equipment have been appointed.
5. Research groups of scholars and faculty members are formed in emerging areas and encouraged to apply for grant to National and International funding agencies.
6. Special seminars and workshops are organised in the emerging disciplines
7. Senior faculty members with experience in emerging disciplines are regularly recruited
8. 24X7 library and laboratories facilities are available.
9. The University has a structured policy for consultancy projects approved by the academic council.
10. Provision of startup grants for initiating research.
11. Special allocation up to 10% of the University budget is made for supporting students' research project. There is a Student Research Cell to monitor research activities of the students.

12. Provision of financial assistance for paper presentation in international/ national conferences.
13. Outstanding researchers from other institutions are invited to deliver lectures and to collaborate with faculty members.
14. Faculty Development Programme organised every year which promotes interdisciplinary research.
15. KIIT-Technology Business Incubator (KIIT-TBI) had been set up as a joint initiative of KIIT-DU and DST, GoI to promote innovation and entrepreneurship.

**Detailed information available as Additional Information.**

File Description	Document
Any additional information	<a href="#">View Document</a>

**3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)**

**Response:** 250.1

**3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
391.71	333.18	318.46	132.69	74.48

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**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:** 2.33

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

2019-20	2018-19	2017-18	2016-17	2015-16
16	22	89	31	36

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

**Response:** 555

#### 3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
252	139	72	55	37

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.1.5 Institution has the following facilities to support research

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab
6. Research/Statistical Databases
7. Mootcourt
8. Theatre
9. Art Gallery
10. Any other facility to support research

**Response:** A. 4 or more of the above

File Description	Document
Paste link of videos and geotagged photographs	<a href="#">View Document</a>

### 3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

**Response:** 73.68



**3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.**

Response: 14

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

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

Response: 4315.4

**3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
1300	1200	1000	800	15.40

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).**

Response: 29595

**3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
8515	6917	5435	4515	4213

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years****Response:** 0.81**3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.****Response:** 329**3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..****Response:** 2025

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.3 Innovation Ecosystem****3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.****Response:**

KIIT-Technology Business Incubator (KIIT-TBI) had been set up as a nonprofit incubator in 2009 by the joint initiative of KIIT-DU and DST, GoI. It got recognition as a Centre of Excellence in 2018. It has been networked with all TBIs in the country and with ISBA , AABI (Asia Pacific), European UKBI and US NBIA. It is a member of Asia Pacific Incubator Network (APIN). KIIT-TBI is recognized by Boeing India as an incubator partner for BUILD program to support early stage startups working in the areas of IoT, aerospace, advanced manufacturing, material sciences, AI/ML and AR/VR. Similar support has been established from Climate KIC, EU program for startups in the Cleantech domain. KIIT-TBI has expanded its presence by establishing a BIRAC Regional Techno-entrepreneurship centre (BRTC), by BIRAC-DBT, GoI to promote startups in East and North East States of India. KIIT Technology Business Incubator won the National Award for Technology Business Incubation for the year 2017 from the Union Minister for Science and Technology, Earth Sciences on 11th May 2018.

It has received funding from the DST, GoI and NBM Mission of BIRAC, DBT to establish Technology Enabling Center and Technology Transfer Office recently. KIIT-TBI is a one point contact for matters related to innovation, incubation, entrepreneurship and research commercialization. It has successfully

- Supported 235+ ventures
- Supported 60+ women startups
- 48 Cr+ fund disbursed to the incubatees
- 60+ IP
- 200+ capacity building training and workshop
- 65+startups received national and international awards

- 50+ startups received follow on funding worth of 350 Cr+
- 4000+ job generated by the incubatees

KIIT-TBI has established funding arms, corporate and industry partnerships, university collaboration, linkages with government bodies, network associations, both nationally and globally to play a significant role in building a good ecosystem for the incubator. Following are few network established;

- Carleton University Incubator, Canada, Technoport Incubator, Luxembourg, Climate KIC-Europe etc to enable cross border network leverage for potential startups to engage with mentors, investors and customers in the overseas market.
- IAN, TATA Social Alpha, Jubilant Bhartia, Caspian, Omnivore Partners, Grameen Capital, Plataforma Capital to bring investment and growth expertise for startups.
- Association with Industry bodies and PSUs i.e MCL, VEDANTA, ADITYA BIRLA, UNICEF, HDFC Bank to extend CSR fund mobilization.
- Collaboration with Oil and Gas PSUs like IOCL, BPCL for Startup fund mobilization
- Nexus Startup Hub, Padup Ventures, Ambuja Neotec, as Corporate incubator partner

KIIT-TBI provides a world class infrastructure of around 120,000 sq ft with a range of incubation facilities and services to the prospective entrepreneurs to convert their innovative ideas into commercially viable products. KIIT-TBI incubates startups in the domain of biotechnology, healthcare and diagnostic, agricultural and food technology, social innovation, engineering and other interdisciplinary areas. Regular entrepreneurial story sessions, mentoring sessions, workshops and seminars have offered KIIT-TBI a good interface and visibility in the region. It is supported by Government bodies like DST, Meity, MSME, BIRAC, TDB and DFID, UK to boost the entrepreneurial ecosystem in the country.

### 3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

**Response:** 1182

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

2019-20	2018-19	2017-18	2016-17	2015-16
498	198	188	179	119

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

### 3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers

/ research scholars / students during the last five years.

**Response:** 389

**3.3.3.1 Total number of awards / recognitions received for *research* / innovations won by institution / teachers / research scholars / students year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
208	85	49	31	16

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.4 Research Publications and Awards

**3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**

**Response:** A. All of the above

**3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website**

**Response:** A.. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.4.3 Number of Patents published / awarded during the last five years.**

**Response:** 120

**3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
97	9	10	3	1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.4.4 Number of Ph.D's awarded per teacher during the last five years.****Response:** 1.06**3.4.4.1 How many Ph.D's are awarded within last five years.****Response:** 426**3.4.4.2 Number of teachers recognized as guides during the last five years****Response:** 401

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years****Response:** 3.89**3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
2540	1232	1073	859	780

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years****Response:** 2.44**3.4.6.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1469	640	847	460	650

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.4.7 E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. Any other Government Initiatives
6. For Institutional LMS

**Response:** A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

**Response:** 6.23

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

**Response:** 50

## 3.5 Consultancy

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

**Response:**

- KIIT, Deemed to be University has a structured policy for consultancy projects approved by the academic council.
- Broad Areas of consultancy services are: Construction Engineering, Structural Designing, Soil testing, Software development, Mechanical and automobile Engineering, Electrical Engineering, Management Development Programmes, Legal Consultancy on IPR, criminal law and cyber law, Legal Aid, SAP ABAP training and Certification and skill development.

- The Deemed University has the policy to invest its share in the consultancy earnings for promotion of R&D activities.
- The consultancy project may be given directly to the teachers or to the University. If it comes directly to the teachers, permission / approval has to be taken from the University.
- The University has the provision to provide more share in consultancy earnings to faculty members considering case to case basis.
- The faculty members shall obtain permission from the University before accepting the consultancy in case the honorarium is in foreign currency.
- Facilities of the University can be used for the purpose of successful completion of the work.

### 3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

**Response:** 62703.06

#### 3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
22035	16670	13121	10431	446.06

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 3.6 Extension Activities

### 3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

**Response:**

KIIT Deemed to be University has been involved in a wide spectrum of initiatives, associated with helping the poor community of Odisha and bringing them to the mainstream of the society. Over 80,000 students and staff members have been involved in these initiatives in the last 5 years.

Faculty members and students are voluntarily associated with the KISS Foundation, imparting learning and vocational skills to the inmates of the Kalinga Institution of Social Sciences, a home for over 30,000 indigenous tribal children of the state. The students interact with the inmates and get acquainted with the stark economic and social conditions they used to live in.

‘Art of Giving’ initiative founded by the Institution’s Honorable Founder, Sri Achyuta Samanta is all about creating an unconditional and sustainable abundance of love, peace and happiness and contentment



for others through gestures of kindness and generosity. Students and staff members inspired by this noble initiative voluntarily take part in different schemes supporting the needy and deprived in multifarious ways. Over 1 million people across the World have been benefited through these initiatives. The team delved into providing shelter and food to those severely affected in the times of Pandemic-the tribal, the poor, transgender community, monasteries, old age homes, monasteries, orphanages, and migrant laborers. Over 10 lakh people and health workers have been benefited during the pandemic. The team also took to distribution of food among stray animals and birds.

The institution has adopted 15 Panchayats and 20 rural schools of the state with the objective for creating social awareness on how education can be a powerful tool in fighting the social evils. The students along with faculty members visit the rural schools and orphanages, interact with the locals and spread the message of quality education for all. Play and tutorial sessions are organized on the weekends. Students also perform street plays to spread the message of goodwill, peace and harmony. Over 80,000 students have been sensitized with respect to problems and issues associated with the rural population.

The institution has been implementing the 'Kanyakiran' scheme wherein students and staff members are involved in creating awareness on protection of girl child, preventing domestic violence, women health, sanitation and hygiene, nutrition, literacy, employment, skill development and human rights. Over 50,000 female students have been sensitized on gender specific issues through these initiatives in the last 5 years.

The NSS and Green team are involved in programs on environmental protection, Swachhata initiatives, cleaning of river banks and sea shores, awareness on avoiding use of plastics, sewage treatment, bio-manures, production of biogas, and plantation drives. After cyclone 'Fani', students and staff members participated in the mega-plantation drive, planting over 1 lakh saplings in Bhubaneswar.

The institution has established free treatment clinics and wellness centers in different districts of the state. Medical students visit these centers to get acquainted with the health issues associated in these regions and provide free treatment and advice to the locals.

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

**Response:** 122

#### **3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
42	17	13	18	32

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>



**3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years****Response:** 1106**3.6.3.1 Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
245	233	223	210	195

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years****Response:** 91.65**3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
23455	23245	21767	20655	19767

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.7 Collaboration****3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response:** 53.4**3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
71	65	57	55	19

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

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

**Response:** 300

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

2019-20	2018-19	2017-18	2016-17	2015-16
64	26	13	24	173

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

##### Response:

Kalinga Institute has adequate facilities in each campus for teaching-learning purposes.

There are an adequate number of classrooms numbering 514. All classrooms are equipped with necessary ICT facilities including desktop, LAN connectivity, wi-fi high bandwidth coverage, LCD projectors, screens, mike, etc. These facilitate referring to online materials, videos, animations, subscribed research articles, presentations and demonstrations in the classrooms for the students' understanding. There are also synthetic boards and markers for the teachers. Facilities are available for the faculty members to take their laptops to the classrooms, get it connected with the LCD projectors and access subscribed articles, learning videos and e-resources in the class for ready reference. All systems are SAP based ERP system enabled to monitor and record student attendance, and share class notes. All classrooms have been designed to make them spacious and air conditioned. All classrooms and campuses are monitored 24x7 through CCTVs and fitted with biometric equipments for automatic attendance update.

A plethora of seminar halls, conference halls, open air theatres and auditoriums are available across the campus. Each school has its own School library and reading room. The Institute also has a central library with a mammoth collection of academic resources.

All faculty members and students are provided with laptops with necessary operating systems, security features, SAP-ERP based interface and other academic software installed in them. The faculty members and students have access to high bandwidth wi-fi connectivity anywhere inside the Institute. The institute has fully fledged laptop/desktop servicing and repair department under the ICT cell to address any hardware/software issues a short notice. Apart from the laptops provided, different Schools also have separate computing labs with sufficient number of desktops with licensed software to carry out lab specific simulations, open ended tasks, coding assignments, projects and research work.

A wide spectrum of laboratories are operational in different schools and can be broadly classified into academic and research labs. Safety protocols are strictly enforced and provisions for immediate medical attention (if needed) are available. All labs have safety manuals, wifi access, security provisions and updates log books. Examples of research labs include those on thin film photovoltaics, materials testing, advanced manufacturing processes, etc. Central Advanced Research Center has been established in 1lakh square feet built up area and with sophisticated equipments for advanced research. Student project labs are also available in different Schools.

There are Centers of Excellence set up with support from different industries or Government agencies, namely, the CoE in Translational Research program on gastrointestinal bacteria pathogens, TBI-NIDHI Center of Excellence, SAP Center of Excellence, IBM Center of Excellence, IoT Center of Excellence, Siemens Laboratory, Center of Excellence in Robotics, Interdisciplinary Center of Energy, Center of Excellence in automotive mechatronics, National Instruments Center of Excellence, Intel Design Laboratory, MSME Center of Excellence, Boeing Center, Technology Enabling Center, Technology

Transfer Office, Center of Excellence for water studies, Center of Excellence in rare earth materials, Center of Excellence for renewable energy, Interdisciplinary research center in materials and nano-sciences, Fintech, etc.

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

##### **Response:**

- KIIT have always given high importance to sports since its inception. All modern facilities and training at par with International level sports training are provided. The institution has been able to groom many national & international level sports persons who have participated in Olympics, Asian Games & Commonwealth Games.
- Sports activity is facilitated through KIIT Stadium, Central Indoor Stadium and sports complex distributed in different campuses.
- Stadium of 29 acres with the capability to hold day & night matches and can provide seating upto 40,000 spectators. It has facility for Cricket, Hockey, Kabaddi, Football, Volleyball, Kho-Kho, Throwball, Basketball, Rugby, Handball, Netball and Track & Field (400 m).
- 3 Indoor Stadiums containing modern gymnasium housing modern gym equipment and indoor sports arenas, such as, basketball, volley ball and badminton courts.
- 10 Sports Complexes with swimming pools and gymnasium facilities. In addition all campuses have their own sports infrastructure for the convenience of the students.
- Over 3,71,354 sq. ft. of well-appointed courts, tracks and fields, it provides facilities for several popular sports.

##### **Sports Facilities & Infrastructure available are:**

- KIIT Cricket Stadium (Flood Lights with 20000 seating capacity, International Standard)
- Hockey Stadium (Astroturf & Flood Lights with 5000 seating capacity)
- Football Stadium (Grass with 3000 seating capacity)
- Outside Cricket Nets (5 Nos.)
- Archery Complex
- Athletics Tracks(International Standard)
- 10 Swimming Pools
- 2 Baseball/Softball Ground
- 10 Badminton Courts
- 7 Billiards and Snookers halls
- 8 Lawn Tennis Courts (Synthetic)
- 5 Volleyball Grounds (Synthetic)
- 7 Basketball Courts (Synthetic)
- 3 Volleyball Courts
- 7 Table Tennis Halls
- 3 Squash Halls
- 2 Chess Halls

- 2 Boxing Rings (International Standard)
- Handball Ground
- 2 Kabaddi ground
- 6 Health Club (With more than 35 stations)
- Weightlifting Platform
- Yoga Hall, Yoga Center and Yoga Ground

File Description	Document
Geotagged pictures	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

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

##### Response:

KIIT Deemed to be University is unique in integration professional education with social concern. KIIT 's cosmopolitan campus is proud to have students from all corners of India and over 50 countries.

- The constituent schools contiguously located in impeccably landscaped and modern-technology-enabled lush green wifi-enabled campuses, offering graduate, post-graduate, doctoral and post-doctoral programs in a wide range of disciplines. KIIT-DU integrates education with human values through a clearly laid policy to ensure equity and inclusion.
- Since inception KIIT maintains aesthetic academic ambience for nurturing the young talents to flourish.
- The DU believes in services with human touch which has emerged as a student friendly and parent friendly campus.
- Participative transparent governance system maintained with active participation of members from academic of repute, industries, faculty, academic leaders as well as students, parents and alumni in all the policy making bodies of the University
- There are a network of greeneries, rose garden and garden libraries, open air theatres and sculptures, and sculpture parks
- An art gallery depicting modern art forms.
- All classrooms equipped with computers, projectors, sound system as well as internet connectivity.
- State of the art laboratories with latest equipment and IT infrastructure.
- 36 Centers of Excellence established in collaboration with industry.
- Internet connectivity through wifi is available throughout the campus round the clock.
- A dedicated data Centre to cater to ICT needs of the Deemed University.
- Ramps and Lift facility available.
- Special toilets are available for physically disabled.
- Round the clock Library and Lab facilities are available.
- Student activity centre with 30 functioning student societies and professional chapters
- Cubicles are available for individual reading, 1800 sq. ft area is for relaxed reading and IT zone for accessing e-resources is also available.
- Since campus is wi-fi, e-resources can be accessed anywhere in the campus and hostel.

- Special magazine lounge with magazines of varied interests.
- Stadium of 29 acres with the capability to hold day & night matches and can provide seating upto 40,000 spectators. It has facility for Cricket, Hockey, Kabaddi, Football, Volleyball, Kho-Kho, Throwball, Basketball, Rugby, Handball, Netball and Track & Field (400 m).
- Indoor Stadiums contains a modern gymnasium housing modern gym equipment and indoor sports arenas, such as, basketball, volley ball and badminton courts.
- 10 Sports Complexes with swimming pools and gymnasium facilities. In addition all campuses have their own sports infrastructure for the convenience of the students.
- Individual Cafeteria available in each campus.
- A 2000 bedded Super Specialty Hospital on the campus with special care facilities for staff and students.
- Facilities like banking, post office, book shops, etc. 8 banks and 14 ATMs, Post office, Railway reservation counter, stationery shops, and food courts.
- Special multicuisine restaurants are available.
- Wide range of hostel accommodation for all students
- Guest houses.
- Full fledged transportation facilities within and around the campus
- All the campuses are monitored 24x7 through a network of CCTVs.

File Description	Document
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

**Response:** 30.18

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
17440.01	15302.54	14274.88	9653.52	8641.72

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

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

**Response:**

- KIIT Deemed to be University central library and all the school libraries are fully automated with the use of Web Centric Libsys10 library automation software with bar-coding system for ensuring fast processing of library routine activities like issue/return, users' friendly OPAC among other kind of services.
- It has explored the latest upheaval of information communication technologies and computers to automate the various operational procedures of libraries such as cataloguing, issue and return of books, serial control and stock taking.
- Users find it easy to browse the availability of books in the concerned library by subject, by author or by title while they happen to be in KIIT University Campus through Web Opac.
- Check in, acquisition module, cataloguing module, reservation facilities, interlibrary loan and robust serial control module are the most dynamic and advanced features of Libsys10.
- Stock taking of the library through the use of barcode with the help of libsys generated accession register has become easier compared to the conventional practice of library stock verification.
- Library automation has rightly fostered prompt usage statistics, effective utilization of books, e-journals, e-databases, e-books.
- Moreover, each school library of KIIT University is equipped with e-library facilities with specific space/room demarcated for the purpose.
- Several PCs with internet connectivity is provided to the students and teachers who can avail electronic information services comfortably.
- In this respect, KIIT university library is proactive enough to disseminate information to the users' community regarding the latest arrival of books, journals, and eresources periodically through the central library web portal.
- In the process of digitization, KIIT Deemed to be University Library is currently using DSPACE software for its institutional repository as an online archive for collecting, preserving, and disseminating digital copies of the intellectual output of the University.
- Archival of digitized contents include materials such as academic journal articles, both before (preprints) and after (post prints) undergoing peer review, as well as digital versions of theses and dissertations, conference proceedings, and book chapters. The institutional repository of KIIT University is linked with the central library web portal at the left hand bottom menu of the homepage of library portal. Users can access archived intellectual output of the university anytime anywhere on campus. Moreover, Web-based Digital Library service offered to the users through Central Library Web Portal serves as the only window providing all the university subscribed electronic resources to faculty, students and research scholars as the most convenient and pertinent source of gathering information easily and effortlessly. The library users can access all digitized resources like previous years question papers, publications of faculty members and research scholars, M.Tech/PhD theses submitted to the university along with all other e-resources anywhere on campus using laptops/desktops. All faculty members, students and research scholars have been provided with remote access so that they can access and download various digitized contents and e-articles remotely from anywhere in the world. Hence, library automation and digitization has indeed revamped the systems and services of KIIT Deemed to be University Library.

**4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources**

**Response:** A. Any 4 or more of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

#### 4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

**Response:** 1165.44

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
1421.35	1398.64	1059.65	1169	778.57

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

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

**Response:** 43.19

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

**Response:** 12115

### 4.3 IT Infrastructure

#### 4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

**Response:** 100

4.3.1.1 Number of classrooms and seminar halls with ICT facilities

**Response:** 514

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

#### 4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT



**facilities including Wi-Fi facility****Response:**

IT policies which are published by the KIIT-DU has terms and conditions as mentioned below:

1. Email Usage Policy: Provides guidance for proper use of email, action for sending sensitive data via email and privacy expectation. Circulation of hate Emails, offensive, derogatory remarks, lurid comments and use of the network apart from academic purposes is not allowed.
2. Registration and Protection of Endpoints Policy: Provides protection requirements for any endpoints that contain University data. 2. Data Classification Policy: Classifies University information/data into four categories like Sensitive, Confidential, Internal, and Public Data.
3. Electronic Data Security Breach Reporting and Response Policy: The responsibilities of the University Response Team (URT) for handling all aspects of a data breach incident. Committee members are Pro VC Registrar Registrar Administration Head, ICT Cell
4. Network Protection Policy: All network, ICT related equipment and devices, including cabling, be installed and maintained by authorized KIIT University's ICT Cell. Any user interested to work in KIIT network, he /she should log in to their Internet User ID and Password (provided by ICT) in order to avoid unauthorized access and network misuse.
5. Registration and Protection of Systems Policy: The requirements for the security controls that protect systems that process, transmit and/or store KIIT University data. In order to use the KIIT Wi-Fi facilities, students are allowed to register only one device (provided laptop by KIIT) to access the network. The same authentication can be used in a lab desktop if he/she is logged out from the laptop.
6. Remote Access Users: Access to the networks via remote access is controlled by either by Virtual Private Network (password and user id are required) or by advanced authentication (i.e. Biometrics, Tokens, Public Key Infrastructure (PKI), Certificates, etc.) with permission from Registrar KIIT.
7. Password Construction Requirements Be a minimum length of eight (8) characters on all systems. Not be a dictionary word or proper name. Not be the same as the User ID and previous ten (10) passwords Expire within a maximum of 90 calendar days. Not be displayed when entered. Ensure passwords are only reset for authorized user.
8. Business Continuity and Disaster Recovery Policy: Defines acceptable methods for business continuity and disaster recovery planning for the University's business following the loss of systems that are critical to the operations of a business unit are Cloud base DR for SAP and for endpoint unlimited storage in KIIT Google Drive for Data-backup.
9. External Hosting Policy: The requirements for appropriate and approved use of externally hosted KIIT University Systems and/or Data.
10. Electronic Signature Policy: The use of electronic signatures in lieu of handwritten signatures in connection with official University activities, to ensure that electronic signatures are used with University's Policies.

IT Budget: There is a provision of allocation of the budget as per the plan for new academic year. The budget is prepared taking recurring cost and new procurement of IT infrastructure cost. The budget for the year 2020-21 is 70 crores.

**4.3.3 Student - Computer ratio (Data for the latest completed academic year)****Response:** 1:1**4.3.4 Available bandwidth of internet connection in the Institution (Leased line)****Response:** A. 71 GBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

**4.3.5 Institution has the following Facilities for e-content development**

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years****Response:** 2.26**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
1120.27	1039.15	963.04	923.1	742.32

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

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

##### **Response:**

##### **Classrooms:**

All classrooms have wifi as well as LAN connections, workstation, public addressing facility, LCD projectors, sufficient lighting and air conditioning. All sitting arrangements, electrical equipments and network coverage are regularly inspected along with associated biometric systems, fire extinguishers and alarms. Defected ones are immediately replaced and recorded in the inventories for future reference.

##### **Computers:**

All students, scholars and faculty members are provided with laptops with necessary software for academic purpose and research. Besides, there are different computing based labs in the campus with workstations (with associated UPSs) loaded with licensed software. All systems are loaded with antivirus packages and enabled with Cyberoam security to provide authorized access to the institute's ERP system and networks. The ICT department provides immediate service, trouble shooting, software update, damage repairing and replacement of parts through maintenance contracts with different companies. Software updates are also performed as required.

##### **Library:**

Inventory of all books, periodicals, and their circulation is managed through Libsys. All books are checked when returned to ensure that they are in proper condition and if not, fine may be imposed on the borrower. The usage of all books are checked and demand for books if any are sought through proposals from faculty members and research scholars and subsequently procured if approved by library committee. Damaged books are given for immediate binding or replaced. The percentage usage of different e-subscriptions are also recorded and deliberated upon in library committee meetings. All libraries are functional 24x7.

##### **Laboratories:**

All laboratories are inspected in the beginning of the semester and at periodic intervals within a semester to ensure all equipments and machineries are in working condition and safe to work with particularly those with high power equipments, heavy machines and with dangerous chemicals. Equipments are also recalibrated if required. In case of any issues, they are removed, repaired or replaced. Log books and issue registers are maintained to record the usage of different equipments and components. All labs have trained personnel to look into safety issues and protocol and ensure protection of sensitive equipments. Lab earthings are also checked regularly. Laboratories are open 24x7 and available for inter-departmental use as well.

##### **Sports facilities:**

Sports coordination team ensures all equipments are proper and not damaged. They also ensure that sufficient kits are available for the students' practice. All norms are followed as required for holding any state or national sporting event.

**General Maintenance:**

1. The Institute has a full-fledged Development Office headed by Development Officer to look after the maintenance activities of all facilities. In case of any emergency, help of experts is taken for maintenance and repair works of various other infrastructure of the University.
2. Each Campus has been allotted an Assistant Development Officer (ADO), Deputy Development Officer and adequate support staffs to look after the maintenance work of the campus.
3. The Institute has AC maintenance, Electrical maintenance, carpentry and fitter department to look after maintenance work.
4. The Institute is having separate maintenance cell in different campuses in addition to a general pool facilities for maintenance and repairs.
5. Annual Maintenance Contracts (AMC) are made with various companies for regular maintenance of sophisticated equipment requiring special skill, particularly, computers, AC, electrical appliances like generator, solar panels and other power back up systems, lab equipment, documentation equipment, photocopy machines, etc. Also, in case of emergency, help of experts is taken for maintenance and repair works of various other infrastructure of the Institute.
6. Before the start of any academic semester, the ADO, DDO and DO ensure necessary renovation, plumbing, painting and other maintenance work is completed. Pest control if required is properly meted out. Water purifiers and quality of drinking water is also inspected. Similar checks are also carried out in the hostels and guest houses, etc. which includes inspection of rooms, furniture, dining rooms, kitchen, washing areas, bathrooms, corridors, reading rooms etc. These are done by the house keeping team, food committee and cleaning/sanitation staff. Drainage, sewage facilities and garbage disposal facilities are also inspected and ensure to be in proper condition.
7. All surveillance cameras and CCTVs are also ensured to be in working condition.
8. Gardening, landscaping and beautification of the campuses are carried out in a meticulous manner.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

**5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

**Response:** 19.36

**5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
6569	5473	4499	3675	3161

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

**5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

**Response:** 100

**5.1.2.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
26024	25791	24551	21697	20996

#### File Description

#### Document

Institutional data in prescribed format

[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) 4. Awareness of trends in technology**

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**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

## 5.2 Student Progression

**5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

**Response:** 100

**5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1064	1024	953	942	913

**5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1064	1024	953	942	913

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.2 Average percentage of placement of outgoing students during the last five years**

**Response:** 95.74

**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
6656	6311	5292	4471	4609

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.3 Percentage of student progression to higher education (previous graduating batch).****Response:** 31.41**5.2.3.1 Number of outgoing student progressing to higher education.****Response:** 2140

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.3 Student Participation and Activities****5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.****Response:** 8719**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
1945	1789	1854	1654	1477

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**5.3.2 Presence of Student Council and its activities for institutional development and student welfare.**



**Response:**

The Institute has a fully functional nominated students' Council that aims to bring all the students of the Institute under one roof with the objective of establishing a common ground for extracurricular activities as well as providing a platform for sharing of talent, culture and innovative ideas. The foremost objective of it is to create enthusiasm among students regarding communication in distinguish aspects and presentation skills. Students learn to have holistic growth both in academics and extracurricular activities. In addition to that, KIIT Student Activity Centre organizes handful of events comprising of different genres such as delegation, workshops, cultural, etc which help students working as Organizers to develop interpersonal skills such as Leadership, Positive Attitude, Relationship Management and Team management. NSS trains the body and mind of young men and women to rise to help others in distress, voluntarily, without being asked or without a personal motive. NCC trains students to stay disciplined and united in all the tasks they undertake. The Red Cross and Rotaract Club have the spirit of NSS with a global vision and local or cross-border volunteering work. These forums help in developing the students' empathy and appreciation for other people's need and also to show consideration towards other living beings which in turn could help them contribute towards society. The volunteers work for a cause not for applause. However the volunteers are recognized and motivated at different levels. Also, it gives students an opportunity to apply and if selected partake in Youth Delegations visiting different countries. The University has 28 student societies at the University level. Detail are available at: <https://ksac.kiit.ac.in/kiit-societies/>. Different schools also have their individual student societies as in School of Management has Marketing Club, Finance Club, Entrepreneurship Club, Energy Club, Optix (Operations, IT Club), Bookhive, Aequitas (Sports club) etc and School of Law has IPR society, Moot Court Society, Legal Aid Society and Trial advocacy society etc.

**More Details attached as Additional Information.**

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**5.3.3 Average number of sports and cultural events / competitions organised by the institution per year****Response:** 95.2**5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
140	115	91	75	55

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>



## 5.4 Alumni Engagement

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

#### Response:

KIIT-DU has a registered 'KIIT Alumni Association' working towards alumni networking, alumni engagement and thus is the connecting link between alumni and alma mater. Alumni feedback plays a major part in curriculum design and development. Major activities like annual get together functions, conduct of seminars and workshops, providing resource persons from the industry for the benefit of students, providing financial aid to needy students as scholarships and endowments, assisting the activities of the Placement Cell etc, are organized by the Alumni. They also contribute towards enriching our academic resources through books and other learning materials. Moreover, the Alumni help the Institute maintain liaison with the industrial, business, governmental, research and developmental establishments in and outside the country. They share their know-how through guest lectures, placement opportunities to the current students and also mobilize industrial visits and help existing students undertake project work and internships in their organizations. The presence and interest of the alumni, the statements of the alumni at social networking sites has garnered enormous respect for the Institute. Currently, the institute has a strong alumni network connected through different social media platforms via Facebook, WhatsApp and email groups.

The alumni have been contributing in the following manner:

1. The Alumni Association has been responsible for updating the alumni database in the portal.
2. Alumni Interaction – Alumni play proactive role as resource persons of “Knowledge Exchange” in Invited Alumni Talks at various school level where they give their inputs and share their experiences and expertise with respect to skills, recent market requirements, newer technologies, trends in corporate world and so on.
3. Career Guidance – Our alumni working in various organizations talk to students on how to choose career options in various domains, skill required and ways to crack interviews.
4. Career Opportunity – Alumni post job opportunities in the Job Board of the portal which would help other alumni to apply directly. They also extend their support for campus placements and internships.
5. Entrepreneur Meet - Many of our alumni who have successful start-ups in different sectors provide inputs to students on how to start new ventures, information about funding and business incubators.
6. Alumni Meet – Alumni Meets are arranged every year, as it is the best platform to connect and share new trends existing in the market and corporate world as well as relive old memories. These meets are organized all over the country and virtually with those settled abroad.
7. Contribution in designing Course Curriculum – Distinguished alumni are actively involved in designing course curriculum of schools where they give their inputs keeping the market requirements in mind.

8. Alumni are part of the Academic Council of the University, where they participate in policy making.
9. Alumni wholeheartedly participate in social welfare activities such as “Art of Giving”, an initiative by Hon’ble Founder KIIT & KISS where they donate food, books, pen, pencils, stationary etc.
10. Alumni excelling in their passion such as Music, Dance, Literature, Photography etc. share their experiences through Alumni LIVE Series.

#### **5.4.2 Alumni contribution during the last five years (INR in Lakhs)**

**Response:** A. ? 100 Lakhs

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

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

**Response:**

KIIT Deemed to be University has a clearly defined vision and mission statements which are given as under:

**Vision:** To create an advanced centre of professional learning of international standing where pursuit of knowledge and excellence shall reign supreme, unfettered by the barriers of nationality, language, cultural plurality and religion.

**Mission**

1. Imparting value based quality education of international standard and imbibing skill for solving real life problems.
2. Inculcating global perspective in attitude.
3. Creating leadership qualities with futuristic vision.
4. Fostering spirit of entrepreneurship and realization of societal responsibilities.
5. Cultivating adaptation of ethics, morality and healthy practices in professional life.
6. Instilling habit of continual learning.
7. Encouraging and supporting creative abilities and research temperament.
8. Establishing and promoting close interaction with industries and other utility sectors and keep abreast with state-of-the-art technology.

**Initiatives:**

The Institute follows an integrated teaching – learning system with active participation of faculty members and students. The teaching-learning process is based on an internationalized curriculum driven outcome based education policy. It is supplemented by a framework of learning activities for all courses, culmination of program core, program and open elective courses from different disciplines and Coursera, semester abroad programs, experiential learning, live projects, industrial and field exposure through internships and trainings, group activities focusing on team spirit and leadership, industry-designed courses, research, entrepreneurial and industry engagements through project labs, KIIT Technology-Business-Incubator, Centers of Excellence (established in association with different industries and the Institute Industry Engagement Cell), etc.

Every program has a defined set of program educational objectives aligned with the mission of the Institute.

Academic freedom with focus on professional and ethical practices is provided for students and faculty members, having full support from the Institute in terms of research and consultancy activities. It also encourages all staff members for higher studies and academic development. The staff members can pursue higher studies in the Institute itself with discounted fees.

The institute has world class facilities in terms of academic and research infrastructure, ICT set up, library, medical facilities, sports, accommodation, cuisine, transportation, accommodation, and security systems. The Institute has MoUs with 300 corporate organizations, industries, research centers and Universities. The Institute has been drawing international students from over 50 countries and internationally reputed academicians from all corners of the World over the years. All these have been made possible due to the transparent and decentralized governance system focused on quality and eminence.

The Institute is engaged in a plethora of social outreach activities with voluntary participation of staff, faculty and students addressing UN SDGs, also sensitizing them about social and global issues, turning them into global citizens of the future. Several outreach initiatives include the 'Art of Giving', 'Kanyakiran', 'Enactus', 'KIIT Green', association with KISS Foundation providing academic support to the inmates of Kalinga Institute of Social Sciences, a home away from home for over 30,000 tribal children, being provides with free education, food, accommodation, from KG to doctoral programs entirely free of cost.

File Description	Document
Any additional information	<a href="#">View Document</a>

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

##### **Response:**

The KIIT Deemed to be University has a strong governance system as approved by the University Grants Commission. The governance structure at the institute has its well defined policies, processes and standard practices. The apex governing body is the Board of Management with the Vice-Chancellor as its Chairman.

The Vice Chancellor is the Executive Head of the Institute who also acts as Chairman of different Council/Boards/Committees constituted under the Institute. The institute follows a well-structured decentralized governance system. It maintains utmost transparency in governance with active participation of all its stakeholders. The governance structure can be broadly seen as four distinct bodies in interaction with each other *i.e.* the Board of Management, Academic Council, Planning and Monitoring Board, and Finance Committee.

The Institute follows established rules in setting up auxiliary units to take care of administrative needs. It believes in a participative and inclusive governance system. The Institute adopts faculty driven democratic processes for decision making. The roles and responsibilities of Dean / Director / Principal of each and every school include overseeing matters relating to the academic, examinations, research & developments, implementation of statutory rules and regulations in respect of their schools. They will be assisted by their academic fraternity and strong administrative staff comprising A.O./A.A.O, HR, Accounts, Library and inventory, etc. Head of every school is required to delegate the role and responsibility to their respective staff members as per their capability and form different committees as per the requirement. Programme Head will be the Strategic Head for the particular programme. He/she should execute the academic and administrative functions for particular programme in consultation with the Head of the School.

The roles and responsibilities of the academic and administrative authorities are **attached as additional information**.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

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

#### Response:

The Institute has specific strategic plans with respect to academics, pedagogy, research, recruitment of faculty members, admission policies, networking and collaborations, accreditation and networking, and governance.

#### Major initiatives in the following directions to realize the strategic plans:

1. Continuous update of courses and curriculum.
2. Inculcation of best practices in content delivery and outcome based assessment as followed in global Universities.
3. Integrated teaching learning system.
4. Introduction of new and multidisciplinary programs/ courses attracting more students from the national and international arena.
5. Strengthening the research ecosystem.
6. Recruitment of research personnel, formulated special research groups, increased academic and research collaborations to give an impetus to its research activities.
7. Faculty members and students engaged in product innovation and entrepreneurial endeavors with support from KIIT Technology Business Incubator Cell.
8. Recruitment of faculty-members of national and international origin.
9. Attracting meritorious students of national and international origin and from all sections of the society (through KIIT Entrance examination), providing them an ecosystem for holistic development.
10. The institute is continually striving to achieve top ranking among global Universities and recognition from national and international accreditation bodies.
11. National and International Accreditations, participation in national and international rankings.
12. Alumni cell promotes close interaction with all alumni, industrial and academic partners, and top ranking global Universities for academic and research activities, and engages in collaboration with government organizations on a larger scale.
13. World class infrastructure for national as well as international students in terms of academic set-ups, laboratories, libraries, accommodation, recreation, sports, refreshment and medical facilities along with round the clock student support. 24x7 surveillance facilities through CCTVs are also available.
14. Strong governance system committed to the highest global standards of transparency, accountability and efficiency. The institute is also involving alumni in management and leveraging

alumni financial resources.

15. The main sources of fund are student fees, research Projects, seminars and consultancies, utilization of infrastructure, grants, income from hospital and other overheads. There is a well defined financial plan providing financial autonomy to all the executive authorities to maintain the speed and pace of growth.

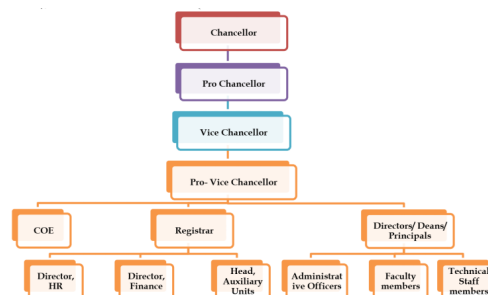
Elaborations are provided in the attachment.

File Description	Document
Any additional information	<a href="#">View Document</a>

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

#### **Response:**

- The KIIT Deemed to be University has a strong governance system as approved by the University Grants Commission.
- The governance structure at the KIIT has its well defined policies, processes and standard practices.
- Well-structured decentralized governance system followed.
- Utmost transparency in governance is maintained with active participation of all its stakeholders.
- The apex governing body is the Board of Management with the Vice-Chancellor as its Chairman.
- The Vice Chancellor is the Executive Head of the Institute who also acts as Chairman of different Committees constituted under the Institute.
- The governance structure can be broadly seen as four distinct bodies in interaction with each other i.e. the Board of Management, Academic Council, Planning and Monitoring Board and Finance Committee.
- The Institute follows established rules in setting up auxiliary units to take care of administrative needs. It believes in a participative and inclusive governance system. The Institute adopts faculty driven democratic processes for decision making. The roles and responsibilities of Dean / Director / Principal of each and every school include overseeing matters relating to the academic, examinations, research & developments, implementation of statutory rules and regulations in respect of their schools. They will be assisted by their academic fraternity and strong administrative staff comprising A.O./A.A.O, HR, Accounts, Library and inventory, etc. Head of every school is required to delegate the role and responsibility to their respective staff members as per their capability and form different committees as per the requirement. Programme Head will be the Strategic Head for the particular programme. He/she should execute the academic and administrative functions for a particular programme in consultation with the Head of the School.
- The organogram for the Deemed University is given below:



- The Deemed to be University follows established rules in setting up auxiliary units to take care of administrative needs. The details are available in criterion 6.1.1

File Description	Document
Any additional information	<a href="#">View Document</a>
Link to Organogram of the University webpage	<a href="#">View Document</a>

### 6.2.3 Institution Implements e-governance covering following areas of operation

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

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

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

**Response:**

**Performance Appraisal system for faculty members:**

- 1.Performance appraisal ensures documenting and evaluating an employee's performance with a view to enhancing work quality, output and efficiency of the staff members.

2. A data capturing system has been implemented through the SAP Integrated Management System to record faculty contributions in diverse areas including pedagogical activities, research publications (journal papers, conference papers, book chapters, books), patents, sponsored research projects and consultancies, publication statistics, guidance for postgraduate, doctoral and postdoctoral research, awards, recognitions and fellowships, collaborations, interactions with the outside world, contribution to research community through innovations, reviews, social outreach and extension activities, tutor-mentoring, administrative engagements and contributions, overall feedback and value additions.
3. Based on the captured and validated data, automated report generation and performance assessment of the faculty member is done.
4. Faculty members who upgrade their research work through quality publications honored by management and institute through research incentive every year.
5. Different awards like Best staff, Best Researcher, Best faculty awards have been initiated by KIIT Management to recognize the significant contributions by different faculty members.
6. The overall data capturing also facilitates statistical analysis of faculty performance, contributions and engagements from collective faculty groups from different departments and Schools which enable the Institute to frame strategic plans for further improvement.

#### **Performance appraisal for non-teaching staff members:**

Performance appraisal system for non-teaching staff members are also in place. They are also evaluated on the basis of engagement in their respective domain of work, significant contributions made, personality development, communication skills, eagerness to learn, academic progress made or engagement in continuous learning, certifications, awards and recognitions, social outreach and extension activities, engagements and contributions, overall feedback and value additions.

#### **Promotional avenues:**

Apart from incentives, promotional avenues are available for teaching and non teaching staff members which are explored based on their appraisals. The Institute has a well defined promotional policy which is attached.

#### **Welfare measures**

1. Existing welfare in the institute measure for teaching and non-teaching staff are itemized as health insurance, study leave, medical leave, maternity leave (for lady staffs), earned leave, salary advance to needy staff members, free uniforms for Class-IV employees, grievance cell, gymnasium, participation in sports activities, medical facility at discounted rate, transport on reasonable cost, fees concession for their ward during admission.
2. Other facilities and welfare schemes are provided in the attachment.

#### **Attachment as additional informations comprises of:**

1. Welfare measures
2. Promotion Policy for Teaching Staff
3. Promotion Policy for Non-Teaching Staff



File Description	Document
Any additional information	<a href="#">View Document</a>

### 6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

**Response:** 100

#### 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

2019-20	2018-19	2017-18	2016-17	2015-16
2025	1748	1705	1447	1401

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	<a href="#">View Document</a>

### 6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.

**Response:** 20.8

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

2019-20	2018-19	2017-18	2016-17	2015-16
35	25	18	15	11

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View Document</a>

### 6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).

**Response:** 99.79

**6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
2021	1745	1699	1444	1399

File Description	Document
Details of teachers attending professional development Programmes during the last five years (Data Template)	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

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

**Response:**

Proper utilization of resources is the best strategy of any organisation to manage its functioning in an efficient and effective manner. KIIT always believes in that.

KIIT follows a four layer financial management system in the university. The Board of Management, headed by the Vice Chancellor, is the supreme decision making body which approves all major financial decision.

In actual practice, KIIT is having a statutory Finance Committee which prepares budget for the session, channelizes the expenses based on priority, continuously evaluate the inflow and outflow of funds and suggests remedial measures deemed appropriate in order to improve the financial position of any. The committee meets atleast four times a year.

Once the budget is prepared by the Finance Committee & approved by the Board of Management, the process of implementation is being carried out by the team headed by the Director Finance & supported by the Finance Officers & Audit Officers in different functional areas like KIMS, KISS, School of Engineering etc. Based on approval of the competent authorities, funds are released by Finance Officer, only when Audit office after due internal audits recommends the same for release.

At the end, we have functional heads like development officer, Directors, Deans, Project investigator, R &D directors who are responsible for utilisation of fund as per the budget and sanctioned order. Technical staffs are supporting in this regards. After the proper implementation, technically cleared and certified, the bills are processed to the audit office for internal audit before final payments.

The Board of Management and Finance Committee members are empowered to go for any surprise check and measures as and when they like and they always focus on compliance of the report statutory auditor appointed by the university .

#### **6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V ) (INR in Lakhs).**

**Response:** 921

##### **6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
293	168	232	116	112

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	<a href="#">View Document</a>

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

**Response:** 58

##### **6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
6	25	4	3	20

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

#### **6.4.4 Institution conducts internal and external financial audits regularly**

**Response:**

Internal audit is a regular exercise undertaken by the university through a team of internal auditors headed by the Audit Officer. There are four assistant audit officers who are looking after the job of the internal audits to evaluate the adequacy of the system of internal controls.

- 1.Recommends improvement in controls
- 2.Assess compliance with rules and regulation of the university.
- 3.Reviews the operations and program and ascertains whether any results are inconstant with the instant objects.
- 4.To have check and measures for fraudulent transactions if any.

Statutory audit is a part of external audit conducted by chartered accountant which is legally required to review the accuracy of institution financial statements and records. It determines the extent to which university provides a fair and accurate representation of its financial position. It determines if fund are handled are proper and required records and filling are accurate.

The compliance of statutory audit reports is placed before finance committee for meeting the quires as when required. This same report also placed before Board of management for their reference. On receipt of the half margin note, the finance department takes all necessary steps in meeting their queries.

## 6.5 Internal Quality Assurance System

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.**

### **Response:**

The Internal Quality Assurance Cell has been contributing significantly for institutionalizing the quality assurance strategies and processes. The practices institutionalized as a result of the IQAC initiatives are given below **(details are provided in the attachment against each):**

### **Updated curriculum and robust outcome based teaching –learning process**

Curriculum for all programs are reviewed periodically and updated. In the process, requirements of all national statutory bodies, national and international accreditations agencies are reviewed and it is ensured that the curriculum satisfies all requirements and at the same time maintains sufficient flexibility in terms of choosing electives and choice based credits.

The IQAC has also institutionalized a robust outcome based education process throughout the Institute for all programs. Every course has a defined set of outcomes and all activities, examinations questions are framed in alignment with the course outcomes and Bloom's learning levels which are duly recorded. SAP based ERP platform also facilitates automated calculation of course outcome attainments and subsequently the Program Outcomes/graduate attributes. Besides, course feedbacks are also collected regularly from the students. Student feedback analysis and outcome attainment reports are instrumental in taking decisions on reviewing courses delivery strategies, learning activities,etc.

**Robust Feedback collection and analysis:**

A robust feedback collection through online mode using different platforms like the SAP, and Gsuite has been implemented. Feedbacks are collected annually from Students, Graduates, Alumni, Parents, Employers/Recruiters, Faculty members on course updates, curriculum relevance, update of program educational objectives, Institutional facilities, ambience, grievance redressal, attainment of graduate attributes, etc, followed by a rigorous analysis, action plan and its implementation.

**Accreditation compliance and Ranking analysis-sharing of information:**

Accreditation compliance is maintained as a regular process and compliance requirements are reviewed every semester. The Institute takes part in various national and international rankings. The performance and the ranking of the Institute, its standing in terms of Teaching, Research, Citations, International Outlook, Industry income, etc are analyzed overall and subject –wise are analyzed and shared with the Schools/Departments which helps them prepare strategic vision plan, road maps, and action plan.

Some of the other initiatives taken are:

1. Organizing FDP program, staff development and executive training programs.
2. Periodic review of performance of teaching and non teaching staff
3. Participation in NIRF/ different ranking framework
4. Initiative taken for Academic Audit/Administrative Audit, Green Audit/Energy Audit/Protection Audit.
5. Conduct different hands on workshop on teaching and learning, students project, IPR, Technology transfer, project proposal etc.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, 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 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).**

**Response:** A. Any 5 or more of the above

File Description	Document
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View Document</a>

**6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of**

**first cycle), Post accreditation quality initiatives (second and subsequent cycles).**

**Response:**

The major quality initiatives taken in the last five years are given below **(details of which are provided in the attachment):**

- The Internal Quality Assurance Cell has been restructured and its operations have been streamlined. The IQAC is composed of the Director, IQAC, the Dean, IQAC, Deputy Director (Accreditation) and Assistant Director(Ranking) and other members, staff.
- The Institution has adopted several best practices in alignment with international norms some of which are mentioned below:
  - Extensive social outreach and extension activities addressing different UN Sustainable Development Goals
  - SAP based Integrated Management System has been inducted in all processes of the Institute.
  - Seamless Integration of different learning management systems and video conferencing tools for effective delivery of lessons during the pandemic.
  - A transparent, decentralized and participative governance system is in place. Student members are present in different policy and decision making bodies of the Institute (Board of Studies, Academic Council, etc.) as special invitees.
  - Strategic planning and implementations leading to enhancement in Institutional perception globally and performance in different national and international ranking frameworks. KIIT-DU ranked:
    - 801-1000 in Times Higher Education World University Rankings 2022.
    - 201-300 in Times Higher Education Impact Rankings 2021.
    - 21st as a University in NIRF India Rankings 2021.
    - 1st as a self financing University in ARIIA ranking 2020.
    - 5 star rating QS-Stars in 2021.
- Well defined strategy and action plan providing impetus to research growth
- An effective environment has been created for attracting international students and faculty.
- The ICT infrastructure has been strengthened, streamlined and used exhaustively in all operations of the Institute.
- The Institute currently has 300 MoUs and collaborations with Academic Institutions, Universities, research organizations and industries.
- The Institute is a member of different national and international bodies and has been working with different NGOs and KISS Foundation for helping indigenous communities in rural India.
- Process has been established to give due recognitions to faculty members with high impact publications.
- The Institute follows an internationalized and updated curriculum for all its programs.
- A corpus fund is in place for exigencies.
- Full time Controller of Examinations has been appointed with well structured academic and administrative regulations.
- A rigorous and robust online feedback collection mechanism from all stakeholders followed by analysis and action has been established

**The other initiatives undertaken by the IQAC are:**

- Organizing and coordinating different audits
- Coordinating Institute level faculty development programs, staff development programs, workshops for technical and laboratory assistants and those for executive staff members.
- Awareness on different criteria associated with accreditations and ranking.
- Organizing workshops on drafting research proposals, filing patents and technology transfer processes.
- Workshops on curriculum design, question paper setting, attainment calculations, innovative teaching methods.
- Knowledge Tree lectures by eminent academicians.
- Strategies for strengthening alumni connect through the KIIT Alumni Association.
- Redefining evaluation rubrics and modality of student projects.
- Robust feedback collection mechanism through online platforms, analysis and strategic road map design.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

##### Response:

KIIT promotes a gender-sensitive environment. KIIT provides equal opportunities in admissions and employment opportunities to all individuals irrespective of race, color, religion, sex, national, origin or disabilities. KIIT has approximately 51 % girl students and 38 % women staff members at present.

Facilities provided for the promotion of gender equity since inception:

1. 30 % seats in admissions are reserved for meritorious girl students
2. Separate hostels for girls and shared residential accommodations for single women staff members
3. Well trained Women Security personnel appointed in all Girls Hostels.
4. The campus is covered under cctv surveillance and Security checkpoints at all entry- exits of the University including hostels.
5. Common room with recreational facilities like television and reading room available in each hostel.
6. Internal Complaints Committee (ICC) with an inbuilt mechanism for gender sensitization against sexual harassment in place.
7. Women grievance cell and special task force for ensuring safe environment for girl students and women employees is functioning in the University as per the UGC guidelines. Grievances related to sexual harassment and gender justice, if any are solved by them. This Cell also regularly conducts awareness programs/ workshops/ training programmes for women.

#### Measures initiated by the Institution for the promotion of gender equity during the last five years

1. Awareness programmes on Women safety and gender sensitization.
2. Conduct of Kanya Kiran programme in collaboration with UN to prevent atrocities against women and girl child.
3. Strict anti harassment policy have been implemented.
4. Round the clock counseling facilities are available.
5. Kamakshi, the Women's society, has been established in KIIT with the aim of providing a platform for the girl students to voice their concerns.
6. Conferences, Seminars, Workshops and awareness programmes are conducted round the year on human rights and diversity. For example:
  - Transformative Pathways in Higher Education Organized in association with Women in Security, Conflict Management and Peace (WISCOMP) Supported by Public Affairs Section, U.S Embassy, New Delhi from "27-11-2019 to 30-11-2019". The main speaker at the forum was Dr. Meenakshi Gopinath, Director, Women in Security, Conflict Management and Peace, ( WISCOMP), New Delhi. <https://news.kiit.ac.in/kiit-events/workshop/workshop-on-gender-equity-and-inclusion-in-kiss/>.



- OPEN MIC session on “Role Of Women Empowerment To Achieve Gender Equality” To Commemorate 75 Years Of UN was organised in October 2020.
  - Awareness programmes on menstrual health, cervical cancer, breastfeeding are conducted round the year.
7. The WING Program (2 Day Capacity Building Workshop for Women Entrepreneurs)-an initiative of Start Up India was organized by KIIT TBI in February 2020.

File Description	Document
Annual gender sensitization action plan	<a href="#">View Document</a>

### 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

**Response:** A. 4 or All of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>

### 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:**

Kalinga Institute of Industrial Technology, Deemed to be University is committed to providing a clean and green campus to its staffs and students. It has placed several policies and systems in place for effective waste management and disposal or recycling. KIIT Green Team with administrative officers monitors the effective collection; disposal or recycling of wastes such that there is no pollution, odors, or danger to human health. Each of these waste management initiatives are briefly explained below:

**Solid Waste Management:** Each campus is provided with separate bins for different types of solid wastes. The concerned staff members are sensitized through awareness programs on the effective collection of

wastes and segregating them into organic and inorganic wastes followed by timely disposal. There are waste disposal vehicles to remove the inorganic wastes on a daily basis to the municipality disposal /garbage ground. There are also incinerators available for burning the wastes in a controlled environment to negate the spreading of ashes and foul smells. They are also emphasizing on use of bi-degradable materials and reuse/recycling of non-bio degradable materials. In some cases, non-bio-degradable trashes are also collected and converted to artistic forms in and around the campus. Composting is also used for treatment of bio-degradable waste materials. KIIT Green team also looks after biogas generation from organic wastes with the use of biogas plants. A group of researchers from KIIT School of Civil Engineering is also working of making cement-less roads using industrial wastes and a pilot project on the same have been implemented in Cuttack.

**Liquid Waste Management:** Each campus and block also has an effective liquid waste management procedure. For campuses/blocks dealing with liquid chemicals, the liquid waste is separately collected as organic and inorganic wastes and treated accordingly to minimize the wastage of water. There is an efficient sewage system cum treatment system in the Institute effective collection and disposal of waste water. The sewage system is inspected on a monthly basis to ensure there is no unwanted accumulation of waste water. The treated water is used for gardening, plantation and ground water recharging purposes. School of Biotechnology has also implemented a procedure to generate environment-friendly lite-diesel from waste cooking oil.

**Biomedical waste management:** Biomedical wastes are normally generated from the medical units and hospital. Special staffs with proper knowledge have been appointed to collect these wastes in leak-proof specially marked bio-hazard containers for off-site treatment and disposal following required protocols. Incineration, microwave irradiation and controlled bleaching are normally used for bio-medical waste management.

**Hazardous chemicals management:** Hazardous chemicals are collected by trained personnel and transported to off-site locations for effective treatment and disposal.

**E-Waste management:** The ICT personnel deployed in different campus are responsible for keeping an inventory of the e-waste generated every semester which are informed to the KIIT Green Team through the central ICT cell. The KIIT Green team in discussion with the ICT team segregates them in to the ones that can be re-used and disposed.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>

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

#### 7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

**Response:** Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>

#### 7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

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

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certificates of the awards received	<a href="#">View Document</a>

#### 7.1.7 The Institution has disabled-friendly, barrier free environment

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

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

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>

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

**Response:**

Kalinga Institute of Industrial Technology, Deemed to be Institute is committed to providing free and fair learning experience in the campus. The Institute has a defined 'Anti –discrimination and Equal Opportunity' Policy abiding by Article 15 and 16 of the Indian Constitution. The policy details in this regard are available at <https://kiit.ac.in/equal-opportunity-policy/>.

As per the anti-discrimination policy, the Institute does not discriminate, and prohibits other adverse discriminations at the workplace, on the basis of religion, race, caste, sex, place of birth, descent, sexual orientation, gender identity, disability, age or any of them. The Institute does not condone any adverse discrimination against any person on its premises, whether that person is a student or employee or otherwise.

As per the MoA approved by Governing body of the Institute, the Institute also has an Equality, Diversity and Inclusion committee. The roles and responsibilities of the committee along with the details of the members are also available at <https://kiit.ac.in/equality-diversity-and-inclusion-committee/>

The Institute focuses on gender neutral policies and facilities. It also ensures gender neutral language in all its communications with the stakeholders and others. The Institute also follows an inclusive policy to include students from all social and economic background of the country and abroad. As per Clause 13.1 of Memorandum of Association of the Institute, 'Admission and employment in the Deemed to be Institute shall be open to all citizens of India regardless of race, religion, caste or creed and the area/ place of residence in India'. And clause 13.2 of MoA of the Institute also states that ' All policies and procedures, in this regard as applicable to KIIT'.

The Institute stringently follows the reservation policy as formulated by Government of India. Special scholarships are provided for them on Merit basis. (Details of scholarships and stipends are available at <https://kiit.ac.in/academics/scholarships-fellowships/>). 30 % seats are reserved for women. 5% seats are reserved only for tribal students under tuition fee waiver. Full fee waiver for students whose annual family income is Below Poverty Line. Special preferences to the sports persons are given in the admission process. Many National and international level players are continuing their education in our Institute.

The institute has also appointed Director (Relationship) for promoting harmonic relation between staffs and students.

A full-fledged Counselling Cell is functional headed by the Director, Counselling to support students, staff, faculty from underrepresented groups (detailed information available at <http://kiit.ac.in/student->

counselling/). Director, Counselling also hold personal counseling sessions with students and staff members. Students are counselled from time to time by their tutor mentors.

Differently-abled students are provided with requisite facilities like special ramps, wheel chairs; lift facility and railings in all of its buildings. These students are provided with easy access to hostel, library and internet facility.

Besides, the Institute periodically observes different cultural events, functions, programs, religious festivals for students, faculty and staff members from different backgrounds, sects and origin with voluntary and active participation of all, promoting an inclusive environment and communal harmony.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>

#### **7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**

##### **Response:**

KIIT carries out various initiatives for the sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens. These initiatives are briefly outlined below:

Induction and orientation programs are organized for fresher students every year to make them acquainted with the different amenities, rules and duties of a student. A part of the induction program is based on making them aware of their rights and duties towards their near and dear ones, friends, faculty and staff members, the institution and the society. Induction programs are also organized for newly appointed faculty and staff members where they are also made aware of such issues.

Specific courses like 'Professional ethics and code of conduct', 'Legal Issues and Requirements in Engineering', etc are offered to students belonging to other disciplines than Law to make them aware of human values, rights and duties. Some of these courses are mandatory whereas others are open electives and can be taken up by the students based on their choice.

Rigorous plagiarism checks have been introduced for all project reports, dissertations and research papers communicated.

Students are also made aware of their duties and responsibilities towards the institution, company, co-workers, supervisors, health staffs and patients by the Training and Placement Cell and by the medical units (Kalinga Institute of Medical Sciences, Kalinga Institute of Dental Sciences, Kalinga Institute of Nursing Sciences, School of Public Health) before embarking on any training or internship.

They are also made aware of their obligations towards the society, different social outreach and extension



activities carried out by the Institute (Art of Giving, adoption of panchayats, schools, orphanages, Kanyakiran programs, NSS and NCC activities, etc.) and motivated to be part of the same.

Students, staff and faculty members under the aegis of different KIIT societies like the KIIT-NSS undertake different activities like awareness programs, road shows and street plays in different villages to make the general public aware of their rights, duties and responsibilities as citizens of the country. Legal aid clinics have also been established in several districts of the state

Moot court sessions and competitions are held every year in the School of Law under the aegis of KIIT-DU, wherein all students and faculty members are invited to attend with the objective of making them aware of current social and legal issues and their potential solutions. Model United Nations Program are held every year for students and staff members to make them aware of how the UN operates, responsibilities as global citizens towards addressing the UN Sustainable Development Goals.

Hordes of national and international events on law (conferences/symposiums/workshops etc) are performed round the year with active participation of students and faculty members from different Schools where detailed deliberations on human rights, responsibilities, current national and international legal issues and developments are held.

The Bar Council of India through BCI Trust is going to set-up the Indian Institute of Law in collaboration with KIIT-DU to train the Law Teachers and Lawyers/Advocates of the country.

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

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View Document</a>

#### **7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

**Response:**

Kalinga Institute of Industrial Technology, Deemed to be University celebrates a large number of

commemorative days and a wide variety of religious festivals as outlined below:

The national commemorative days observed every year include the New Year's Day, World Hindi Day, National Road Safety week, National Youth Day, Indian Army Day, National Voters Day, National Republic Day, Martyr's Day, National Science Day, National Security Day, Utkal Diwas, Panchayati Raj Diwas, Ayushman Bharat Diwas, National Safe Motherhood Day, Jallianwala Bagh Massacre Commemoration Day, National Technology Day, National Anti-terrorism Day, Indian Independence Day, Hindi Diwas, National Sports Day, Teacher's Day, Gandhi Jayanti, Indian Air Force Day, National Unity Day, National Cancer Awareness Day, Children's Day, National Epilepsy Day, National Pollution Control Day, Indian Navy Day, Human Rights Day, National Girl Child Day, Minority Rights Day, National Mathematics Day, Kisan Diwas, Engineers Day, and National Consumers Day.

The Institute also observes different International commemorative days like World Braille Day, , World Wetlands Day, World Cancer Day, World Radio Day, World Day of Social Justice, World NGO Day, Rare Disease Day, World Wildlife Day, International Women's Day, International Day of Happiness, World Forestry Day, World Poetry Day, World Day for Water, World Health Day, World Heritage Day, Earth Day, World Intellectual Property Day, International Labor Day, World Laughter Day, World Athletics Day, World Red Cross Day, International Nurses Day, Anti-tobacco Day, World Environment Day, World Ocean Day, International Day of Yoga, World Population Day, World Day for International Justice, International Youth Day, World Humanitarian Day, World Literacy Day, World Energy Conservation Day, World Oral Hygiene Day, International Organ Donation Day, World Heart Day, International Day of Persons with disabilities and so on.

Apart from the above, the Institute also observes different festivals and religious days for all students (from India and abroad) and from all sects and religious backgrounds like Durga Puja, Holi, Nuakhai, Ganesh Chaturthi, Kumar Purnima, Maha-Visubha Sankranti, Rath Yatra, Maha-Shiva Ratri, Basanta Panchami, Ram Navami, Janmashthami, Good Friday, Diwali, KArtik Purnima, Raja Sankranti, Id-Ul\_Fitre, Id-Ul-Juha, Muharram, Birthday of Prophet Muhammad, Halloween, Christmas, Lohri and many others.

This year due to COVID 19 pandemic all these days and more were celebrated online.

File Description	Document
Geotagged photographs of some of the events	<a href="#">View Document</a>
Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 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:**

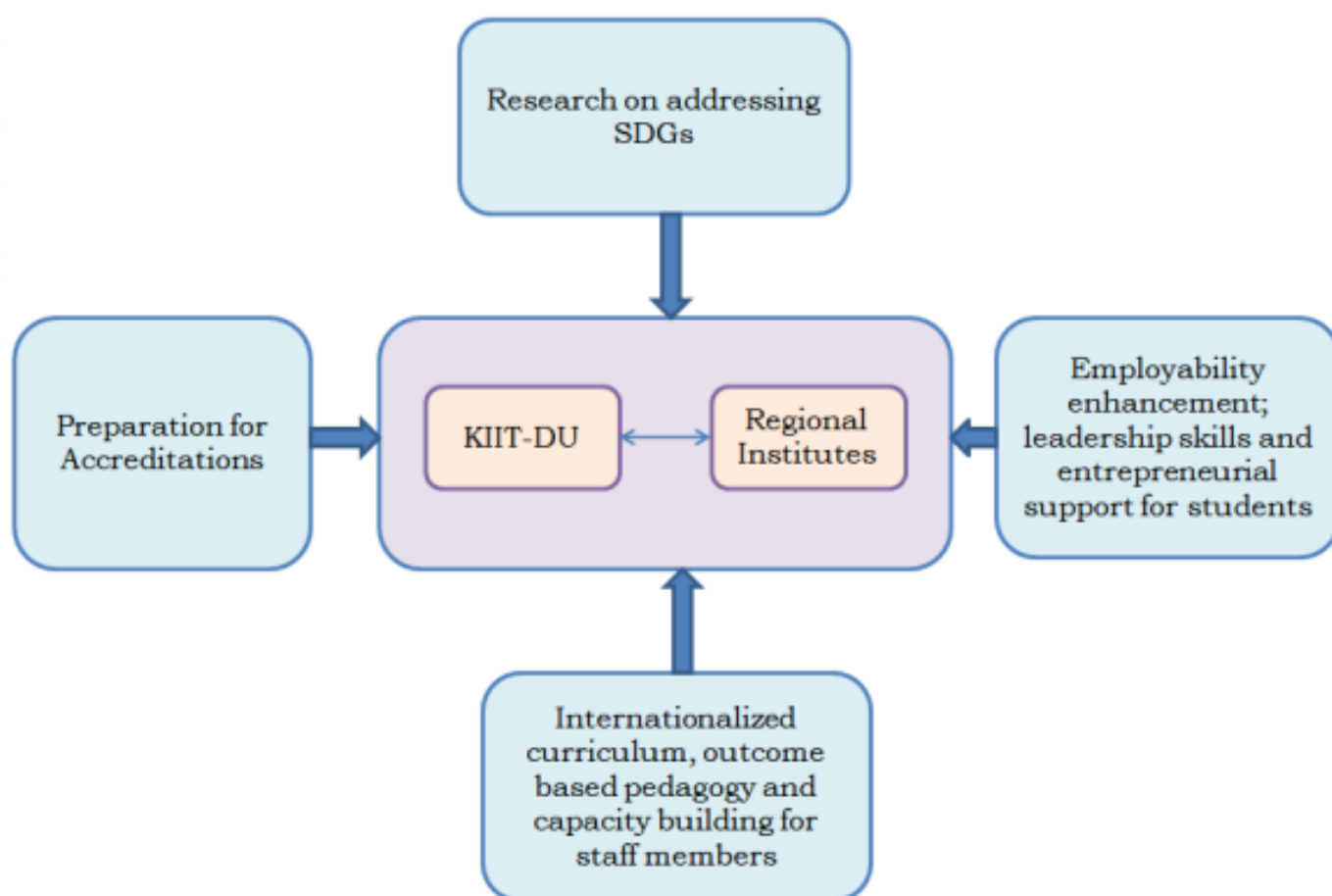
**TITLE OF THE PRACTICE: Community oriented Learning, Research and Development**

**OBJECTIVE OF THE PRACTICE (within 100 Words)**

The Institute emphasizes on the holistic development of the entire community and entire academic fraternity in the state by engaging with the community and regional institutions, and making positive impacts by addressing regional, national and social issues in diverse domains addressing UN SDGs. The Institute currently has 300 MoUs with reputed Universities, research labs and corporate organizations through which it is trying to establish internationally relevant academic and research ambience in the state. The Institute is also working towards the upliftment of the tribal community in the state, empowering them to bring them to the mainstream of the society.

**THE CONTEXT (within 150 Words)**

There are multifarious ways in which the institute engages with the regional colleges and handhold them. Domains where the regional colleges and institutes are being latched up with include implementation of outcome based pedagogy, preparation for accreditation, capacity building for faculty, staff and students, employability enhancement, entrepreneurship with local made products, awareness and research on sustainable development Goals and gaining visibility in the international arena through MoUs with international organizations.



**Fig.1.** Domains for collaborative work and capacity building for regional institutes



Tribal communities in Odisha stay in rural areas in abject poverty plagued by limited access to education, inequality issues in society, lack of control over natural resources, and health problems. KIIT-DU is also working towards providing educational and skill development support for the tribal to make them self reliant. KIIT is also empowering the local institutions in contributing to the cause and facilitate the process.

### **THE PRACTICE (within 400 Words)**

KIIT-DU is engaged in capacity building of teaching staff for regional colleges, training them to design and impart internationally relevant curriculum to the students, implementing outcome based pedagogy, ascertaining the attainment of outcomes using ICT Tools, complying with accreditation requirements, and many more.

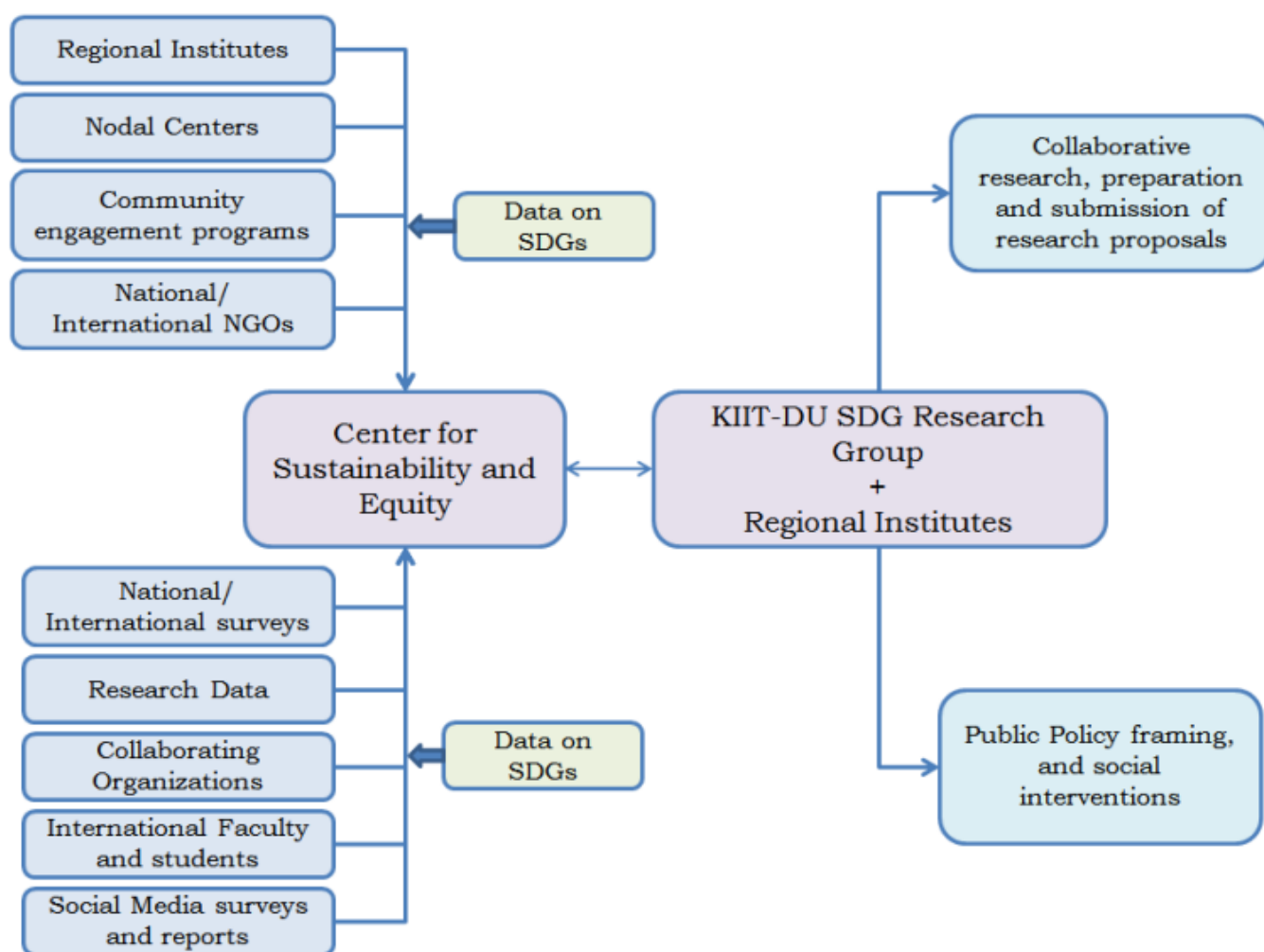
The faculties of regional institutes are trained in areas of cutting edge technology and hybrid course domains by experts from the Institute itself or by engagement with Industry personnel through ‘Train the trainers’ program. Regional faculty members have access to workshops, conferences and seminars conducted by the Institute. Workshops on developing laboratory facilities for innovative experiments at economically convenient budget are also conducted.

Students from other institutes are engaged in carrying out projects at research labs and centers of excellence at KIIT. Students also get entrepreneurial support from KIIT Technology Business Incubator where they are guided to convert their ideas to commercially viable products.

KIIT-DU also carries out different bridge courses, employability enhancement workshops, skill development programs which are open to students of other institutes to attend as well.

The Institute has set up nodal centers in different districts of the state to gather data on areas associated with different UN Sustainable Development Goals. These data are also collected in association with regional institutes and NGOs working in different regions. The data are shared with the Center of Excellence (CoE) for Sustainability and Equity. The CoE maintains liaison with international Universities, visiting academicians, international students, and NGOs from whom they request international developments in addressing the UN SDGs. The CoE team reviews international news, research publications, and social media reports to gather data on the same. The consolidated data are shared with individual SDG research groups comprising Institute faculty members and those from regional and other states, and community engagement center working for the upliftment of the tribal community.

The community engagement center actively engages with the tribal communities through KISS Foundation, nodal centers or local institutions to make them aware of the importance of literacy, induct students in to Kalinga Institute of Social Sciences (where they are provided free education, fooding and lodging), provide skill development for tribal youth, groom them for personality development and communication skills, organize job fairs, provide agricultural knowledge and support on organic farming, effective use of fertilizers and pesticides, product marketing, free medical treatment, awareness on social evils and superstitions.



**Fig.2.** Collaborative work towards the SDGs

### **EVIDENCE OF SUCCESS (within 200 Words)**

The Institute has achieved the rank of 201-300 in Times Higher Education University Impact Rankings 2021, which is based on assessment of Universities against the United Nations' Sustainable Development Goals (SDGs). KIIT-DU had participated in 4 SDGs i.e. 'Quality Education', 'Reduced Inequalities', 'Peace, Justice and Strong Institutions' and 'Partnerships for the Goals', and achieved rankings of 201-300, 86th, 201-300 and 101-200 respectively.

The efforts of the community engagement centers have resulted in:

1. More than 20% of the tribal marginal workers being converted into mainstream workers.
2. Skill development for 50,000+ youth.
3. Crop production rate has increased by nearly 10%.
4. Many tribal products and handicrafts are being sold online.
5. Domestic violence rate has reduced by 25%.
6. 7500+ COVID affected tribal individuals have been successfully treated.

The institute setting up 'Water Knowledge Centers' in 5 districts of the state of Odisha where data will be

collected on usage and quality of natural water available; people will be trained use water judiciously and make the regions tanker-free.

KIIT-DU has been analyzing rare materials in collaboration with regional institutes.

KIIT-DU is acted as a mentor institute for regional Institutes for NAAC accreditation through the UGC Paramarsh scheme.

#### **PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED (within 150 Words)**

Language barrier have emerged as one of the potential problems while communicating with the tribal masses in different zones; this issue has been resolved with the aid of local interpreters and volunteers.

The Institutional volunteers faced challenges in convincing the tribal communities regarding our goodwill and objective behind the initiatives.

Social outreach and extension program in pandemic in the tribal zones are being carried out with extreme precautionary measures following Covid-19 protocols.

Resources required include establishment of nodal centers, backend ICT support and logistics for conducting workshop and trainings. Huge manpower has to be deployed in different districts and nodal centers to collect relevant and quantifiable data related to the SDGs.

Awareness programs have been conducted with participants from regional and state colleges on the importance of UN Sustainable Development Goals and the need to address them through research activities, framing public policies, and through direct social interventions.

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#### **TITLE OF THE PRACTICE: Developing an ecosystem for promoting research and innovation in the Institution**

#### **OBJECTIVE OF THE PRACTICE (within 100 Words)**

KIIT, Deemed to be University is focused on strengthening the research ecosystem through extensive research support, continuous up-gradation and addition of research infrastructure, laboratories and Centers of Excellence in collaboration with the Government, industry and academia. It also aims to augment research in globally emerging areas through expansion in post graduate and doctoral programs, recruitment of research personnel, formulation of special research groups, increase in collaborative research projects, increase in number and quality of publications, mentoring of students for exploring research avenues; developing the image as innovator and solution provider to the World, and translation of research to business models.

#### **THE CONTEXT (within 150 Words)**

The ambience at the Deemed to be University is favorable for research activities. The faculty members are provided with adequate support in terms of research facilities and all resources. The faculty members are also provided seed grant to undertake their own research project. Besides, presence of active Students'

Research Wing and TBI has helped to provide impetus to areas of cutting edge research. The publications, citations, consultancies, patent applicants collaborative research has shown positive growth through the years. The Deemed University has expanded over the years with different Schools catering to different areas of study and research along with a talent pool of faculty members, research scholars and young minds. This has created an opportunity to undertake research in cutting edge areas, multidisciplinary domains and addressing Sustainable Development Goals as well as social issues.

### **THE PRACTICE (within 400 Words)**

The Deemed University has an active R&D wing as well as University Level Research Committee to monitor and address issues related to research. The R&D wing collaborates with various Educational, Scientific and Research Organizations to strengthen and support the research in various departments and Schools of the Institute. It has institutionalized several practices to provide an impetus to research and innovation as outlined below:

**Continuous up-gradation and addition of resources:** There is a center for Scientific Research with seed money of US\$1.2 million. Central Advanced Research Center has been established in 1lakh square feet built up area and with sophisticated equipments for advanced research. All academic and research labs are inspected and upgraded every year. Research facilities are being added each year to facilitate research projects.

**Centers of Excellence:** The Institution has 36 Centers of Excellence with knowledge and technology support from various industries and academic partners. Students and faculty members are involved in projects and product innovations through these Centers of Excellence.

**KIIT Technology Business Incubator Cell:** KIIT Technology Business Incubator, an initiative of the Deemed to be University supported by Department of Science and Technology, Government of India has been established with the vision and mission for promoting innovations and research ideas both by faculty members and students. It also has a Technology Enabling Center and Technology Transfer Office. Guidance is provided on commercialization of patent and translation of research to business model.

**Academic Adoption Scheme:** This scheme provides an opportunity to young UG students to get inducted in in-house research programs and internships with faculty members and researchers from early semesters.

**Scholarships:** Wide range of scholarships to attract meritorious PG students and research scholars from India and abroad.

**Expansion in PG and doctoral programs:** Several interdisciplinary PG programs are being designed to be offered to students.

**Multidisciplinary research groups:** Multidisciplinary research groups have been formed across different schools with senior academicians to augment research in emerging areas.

**Center of Excellence for Sustainability and Equity:** This Center of Excellence reviews all news,

findings, publications, researches and social media reports on the SDGs, analyzes them and passes on the relevant and consolidated information to concerned research groups.

**Promoting visibility of research:** The Institution promotes publications in indexed and high impact factor journals and preferably in collaboration with other research institutes and other authors to strengthen the research network and augment research visibility.

**Enhanced collaboration and networking:** The institution is continuously working to strengthen its academic and research network by collaborating with local institutes, nationally and globally reputed Universities, research centers and industries to provide more avenues for collaborative research and contribute jointly to the welfare of the society.

**Other practices:**

1. Capstone projects carried out in collaboration with industries.
2. Provisions available for undergraduate students to go for research internships in India and abroad.
3. Start-up grants for young faculty members to promote research.
4. The Institution has policy to invest all the consultancy earnings for promotion of R&D activities.

**EVIDENCE OF SUCCESS (within 200 Words)**

1. The Institute has achieved the following rankings in the national and international arena in recent times:
  - 21st as a University in NIRF 2021
  - 1st among self financing institutions in ARIIA 2020
  - 801-1000 in Times Higher Education World University Rankings 2022
  - 201-300 in Times Higher Education Impact Ranking 2021.
2. Total number of research publications in last 5 years: 11123
3. The h-index of the Institution is currently: 70
4. The Institution has 300 MoUs with academic, research and corporate organizations.
5. Sponsored projects amounting over 250 crores in last 5 years.
6. Consultancy projects amounting over 600 crores in last 5 years.
7. Patents in last 5 years: 120

**PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED (within 150 Words)**

A wide range of research labs and facilities have been setup including the Central Advanced Research Center such as the thin-film photovoltaics lab, Design thinking lab, thermal research lab, nano-sensor lab, bioinformatics, organic synthesis lab, optoelectronics and spectroscopy lab, etc.

36 Centers of Excellence have been set up like Fintech Center of Excellence, Microchip Center of Excellence, International Center for Business Research and Innovation, Bosch Center of Excellence, Center of Excellence for automotive mechatronics, etc.

The set ups required formation of faculty research team, review of similar labs in other locations, collaborations with academic or research partners, negotiation with the vendors, careful installation of equipments and maintenance.

Several research projects are going on in these labs and CoEs. Funded project proposals are being sent to different agencies for research in these domains. In this regard, several workshops have been arranged to facilitate know-how on writing project proposals for faculty members.

## 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:

The Institute has world class infrastructure providing a wide range of programs with accommodation facilities for all students. **Students from all states of India and over 50 countries** are studying here. The Institute has a **nearly cent percent placement record till date**. Highly qualified faculty members are present from all states of India and from abroad. The Institute has been visited by 20 Nobel Laureates, and national and international dignitaries. **Strong cross-cultural bonds** exist in the Institute. The Institute also has **world class sports facilities and has been producing sports persons and Olympians** over the years.

One of the primary thrust areas of the Institute is to **address UN Sustainable Development Goals** through a wide spectrum of initiatives, which are briefly outlined below:

Faculty members and students are voluntarily associated with the KISS Foundation, imparting different learning and vocational skills to the students of the Kalinga Institute of Social Sciences, **home for over 30,000+ tribal children** of the state. All students are being provided full education from Nursery to Post graduation free of cost with food, lodging and all amenities of modern life. The volunteers are engaged in conducting bridge courses, preparatory classes for competitive examinations and employability enhancement workshops for the students.

**Education Summits** on the theme “Education for All” are organized every year in all districts of Odisha, major cities and state capitals of the country to motivate the youth for joining higher education. More than 2,500,000 participants have attended these programs. ‘Education for All’ marathons organized annually at 36 venues across the state of Odisha have seen participation by 750,000 people so far.

**‘Art of Giving’ (AOG) initiative**, founded by the Institution’s Honorable Founder, Shri Achyuta Samanta is all about creating an unconditional and sustainable abundance of love, peace and happiness and contentment for others through gestures of kindness and generosity. Students and staff members inspired by this noble initiative take part in different schemes, supporting the needy and deprived in multifarious ways. Popular activities under this scheme include distribution of ‘BAG of HAPPINESS’ (collection of educational items for children in collaboration with UNESCO MGIEP), ‘PYAAR BHARA PACK’ (food festival for poor and slum children), distribution of clothes to the needy with the message of sharing and caring.

The AoG team delved into providing shelter and food to those severely affected during the Pandemic including the tribal, poor, transgender community, old age homes, monasteries, orphanages, and migrant laborers. Personal Protective Equipment have been distributed among 50,000+ health workers. They also distributed sanitizers, masks, sanitary napkins and essential commodities to more than 300,000 people in the state. Educational kits and essential commodities have been distributed to 30000+ poor children in the state.

The institution has been working towards the **development of smart model villages**. It had turned Kalarabanka into a smart village enabling Wi-Fi connection, a 100 bedded hospital, a Knowledge Centre and periodic health camps, Self Help Group and many more.

The institution has **adopted 15 Panchayats and 20 rural schools** of the state with the objective for creating social awareness against different stigmas, and importance of literacy. Students and faculty members (under NSS and different community welfare societies operational in KIIT) visit the villages, rural schools and orphanages, to spread the message of quality education for all. The students also perform street plays to spread the message of goodwill, peace and harmony.

The institute conducts several **skill development programs for school dropouts and unemployed youth**. **Counselors are available** to counsel them on jobs available in different sectors. **Job fairs are organized to facilitate recruitment** for the skilled youth. A mega job fair had been organized in the Kandhamal district with the objective of providing employment opportunities for the unemployed youth. More than 72 companies from across the country have come down to offer jobs to over 10,000 aspirants.

Students and staff members are involved in **‘Kanyakiran’ programs** creating awareness on protection of girl child, domestic violence, women's health, sanitation and hygiene, nutrition, literacy, human rights and women entrepreneurship.

The institute NSS and Green team are involved in **awareness programs on environmental protection, Swachhata initiatives, cleaning of river banks and sea shores, awareness on avoiding plastics, sewage treatment, development of bio-manures, production of biogas, plantation drives, etc.** During cyclone ‘Fani’ lakhs of trees were damaged and subsequently caused loss of greenery in the state. Students and staff members participated in the **mega-plantation drive** to restore the greenery in and around the campus and the city.

The institute has established **free treatment clinics and wellness centers** in different districts of the state for the locals.

KIIT-DU has launched massive health care services during the COVID-19 Pandemic. It has established **4 specialized COVID-19 hospitals** with a total bed number of 1050 in Bhubaneswar and in the districts of Balangir, Mayurbhanj and Kandhamal along with quarantine centers and isolation facilities. The COVID specialty hospital at Kalinga Institute of Medical Sciences (KIMS) provides free of cost treatment to the COVID affected, with support from the Odisha Mining Corporation and Government of Odisha. 15,000+ COVID patients have been successfully treated and discharged from the COVID -19 hospitals. KIMS Hospital has opened a Specialty Clinic in its OPD complex to cater to patients suffering from post-COVID syndrome. KIMS Hospital has also started a **‘Post-COVID Mother & Child Clinic’**. The Tele-counseling Cell is providing necessary support to families affected by the pandemic.

The Institute has launched **massive COVID awareness programs** through its volunteers. It is also

building capacities of volunteers on vital aspects of COVID-19 in association with the US consulate general, Hyderabad.

The Institute will be providing education **free of cost to the children of the COVID-19 deceased in Odisha**. Classes by teachers through Kalinga TV have been broadcasted across the state.

Based on the impacts created, the **Institute has ranked 201-300 in Times Higher Education Impact Rankings 2021(201-300 in SDG4, 86th in SDG10, 201-300 in SDG16 and 101-200 in SDG17)**. It has also ranked **801-1000 in Times Higher Education World University Ranking 2022 and 21st as a University in NIRF 2021**.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>



## 5. CONCLUSION

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### Additional Information :

KIIT-DU has launched massive health care services during the COVID-19 Pandemic. It has established 4 specialized COVID-19 hospitals with total bed number of 1050 in Bhubaneswar and in the districts of Balangir, Mayurbhanj and Kandhamal along with quarantine centers and isolation facilities. The COVID specialty hospital at Kalinga Institute of Medical Sciences (KIMS) provides free of cost treatment to the COVID affected, with support from the Odisha Mining Corporation and Government of Odisha. 10,000+ COVID patients have been successfully treated and discharged from the COVID -19 hospitals. KIMS Hospital has opened a Specialty Clinic in its OPD complex to cater to patients suffering from post-COVID syndrome. KIMS Hospital has also started a 'Post-COVID Mother & Child Clinic' involving senior obstetricians and pediatricians. Tele-counseling Cell has been functioning to provide necessary support to different families affected by the pandemic.

The Institute has also launched COVID awareness and prevention programs through its volunteers across the State maintaining all COVID -19 protocols. It is also building capacities of volunteers on vital aspects of COVID-19 in association with US consulate general, Hyderabad, India.

The Institute will also be providing education free of cost to the children of the COVID-19 deceased in Odisha. To prevent any disruption in academic activities, classes by teachers through television channel (Kalinga TV) have been broadcasted across the state even in its remotest corners.

KIIT has been awarded with utkrisht sansthan vishwakarma award 2020 by AICTE for its excellent performance in specific domains leading to significant contribution towards national growth and development.

KIMS has received India Today Healthgiri Award 2021 for its services during covid 19.

### Concluding Remarks :

KIIT-DU is focused on implementing different strategic plans that will lead to higher global recognition in the domains of academics, research, student outcome, infrastructure, governance, outreach activities, International outlook and contribution to the society for holistic development of all.

KIIT has been working continually in this directions which has lead to significance recognitions as mentioned below:

KIIT has become the first and only Indian Institute to achieve the "Five Stars Rating" from the prestigious QS Star Ratings System. The rating results were globally published on April 27, 2021 and will be valid for three years.

KIIT had achieved another remarkable feat by ranking 201-300 globally in the Times Higher Education (THE) Impact Rankings-2021. It achieved outstanding results across the individual SDGs as follows.

- 86th in SDG 10: Reduced Inequalities
- 101-200 in SDG 17: Partnerships for the Goals

- 201-300 in SDG 4: Quality Education
- 201-300 in SDG 16: Peace, Justice and Strong Institutions

KIIT-DU has ranked 501-600 by subject 'Computer Science' and 601-800 by subject 'Engineering and Technology' in the Times Higher Education World University Rankings 2022.

KIIT-DU has also topped among self-financing Universities in Atal Ranking of Institutions on Innovation Achievements by the Ministry of Education in 2020.

KIIT-DU has ranked 21st in University category of NIRF Rankings 2021 and 801-1000 in Times Higher Education World University 2022.

KIIT-DU has been awarded the Best Workplace of the Year Award 2020 by Times Higher Education Asia Awards

NAAC



**Kalinga Institute of Industrial Technology**  
**Deemed to be University**  
**At/PO-KIIT, Bhubaneswar - 751024**  
**[www.kiit.ac.in](http://www.kiit.ac.in)**