

# ANNUAL REPORT-2018-19



**LOKADRUSTI COLLEGE  
OF ADVANCED  
TECHNOLOGY**

## MESSAGE FROM THE DESK

*Dear Friends,*

*I am pleased to present the Annual Report of Lokadrusti College of Advanced Technology(LCAT) for the year-2018-19.*

*It is my privileged to be the President of this institute for this year to serve the poor and tribal students of this region.*

*Nuapada is one of the poorest district where there is no any Computer Degree college. The degree college for the science students is also very less which could not absorb the students*

*those who has passed +2 Science. In some of the +3 Science college the cutoff is so high that the poor performing students could not avail the seats. Hence they became dropout from +2 level and use to either stay at home or migrate to other state in search of job. In such circumstances Lokadrusti College of Advanced Technology help a lot to provide admission to these*

*poor and less performing students. Though it is a difficult task for the better result of these low performing students still the staffs of LCAT work hard and make it successful. It is seen that the achievement of the low performing students is good and they acquired good percentage in their degree exam.*

*On behalf of Lokadrusti I like to thanks the well-wishers, the Ministry of Higher Education Govt. of Odisha, Sambalpur University, the faculty members and the administrative staffs to make the college fit to provide quality education for the students, I would also like to thanks the parents of the students those who has provide their support to the college in regular basis.*

*Abani Mohan Panigrahi*

*President, LCAT*



## LOKADRUSTI COLLEGE OF ADVANCED TECHNOLOGY

### **INTRODUCTION:**

Khariar region in Nuapada district happens to be one of the poorest block of Odisha. The meritorious students of this area used to remain deprived of computer education in good institutions, most of which are located in Bhubaneswar, Sambalpur etc. The poor economic condition of their parents passed as hindrance on their way to pursue such degrees. So they had no way but to get themselves enrolled in the local colleges which they only studied conventional courses. So it was seen that even at district or block level employment in computer sector many applicants from outside the district were to being absorbed. At this backdrop Lokadrusti dared a modest beginning in the year 2007 and started a computer college namely Lokadrusti College of Advanced Technology (LCAT) with BCA and PGDCA. Later on this College opened on Degree College for completing the B.Sc course in the year 2016-17. Both the course are regular course duly recognized by the Department of Higher Education Govt. of Odisha and affiliated to Sambalpur University, Jyoti Vihar, Sambalpur.

### **OBJECTIVE OF THE TRUST:**

- To establish educational institution from Primary school to post graduate and doctorate.
- To promote skill development on Advanced technology for the youths
- To open Science and Technology wings to promote education on social, Physical sciences, Medical science, Engineering and Management.
- To conduct study, research and courses on promote preservation of environment, afforestation, community forest management, soil conservation, wasteland development, low cost environment, friendly technologies for housing, watershed management etc.
- To extent affiliation, Collaboration, cooperation, co-ordination, organization to support services and network among the universities, Non-Government & Government organizations and General public for building relationship in the development sector, enhancement of the Social development process and National integration.
- To develop a sub-regional resource centre, to research on development issues, to feedback the planners and administrators for the welfare of the people of sub-regional area.
- To do affiliation and concurrence of the educational institution with provision of Government of Odisha and Government of India, including university Grant Commission (UGC) and All India Council of Technical Education (AICTE).

### **PERMISSION/RECOGNITION AND AFFILIATION:**

Permission, recognition and Affiliation is most essential part to run a college where the student can read and get the certificate of their degree which can be used for continuing higher education and placement in any private and Govt. job. In this connection Lokadrusti has taken the permission from Directorate of Higher Education Govt. of Odisha for BCA & PGDCA courses vide letter No- 5M-89-06-17772 Dtd.23.04.2018 and recognition Vide No-5M-IV-10-09:40393 Dt.27-11-09. In addition to this affiliation has taken from Sambalpur University Jyoti Vihar Samabalpur Vide No-03913 Dtd.08.07.2010.

At the same time proper permission, recognition and Affiliation was taken from different source to continue BSc. The details are as follows:

- **Permission:** No-1531/RDE/ Dt.06.5.2016 Office of the Regional Director of Education, Sambalpur.
- **Recognition:** No-5407/RDE Date-18.10.2016 Office of the Regional Director of Education, Sambalpur, Odisha.
- **Affiliation:** Vide No-01969/ASW Dtd.02.06.2018 by the Director (CDC) Sambalpur University Jyoti Vihar, Sambalpur. Affiliation 64 seats for +3 science Hon. Phy, Chemistry, Math, Botany and Zoology with 16 seats each.

### **ABOUT THE REPORT:**

This Annual Progress report covers the period April-2018 to March-2019. In as usual manner the Lokadrusti College of Advanced Technology continue its activities in full of spirit and interest to show better result. The college try to complete their syllabus in due time and take extra classes for revision of the courses. The students' performance was very good due to hard labour of the faculty members. This year was the year III of the BSc students and they have to appear final board examination, so most of the faculties were fully engaged to show their performance and as usual the students also give sufficient time to show their achievement.

### **INFRASTRUCTURES AND EQUIPMENT:**

To provide quality education it is essential to have a good infrastructural facility i.e. the class room, Laboratory, Playground, Library and equipment. During the year 2018-19 special focus was given on extension of the building and infrastructures for the comfortable class management. Till end of this reporting period the class room was 9 to equipped the entire students of this college. The other facilities like the Library, Computer Laboratory, Science laboratory were updated with necessary equipment's. The details of equipment's are as follows:

#### **INFRASTRUCTURAL DETAILS-2018-19**

Sl.No.	Name of the Infrastructures	Numbers	Facilities.
1	Class Room	9 nos.	Electricity, LCD, Black board

2	Library	1 no.	Courses studies, Reference Books.
3	Computer Laboratory	1no.	20 Computers
4	Science Laboratory	4 nos.	Physics, Chemistry, Botany, Biology with equipment.
5	Staff Common Room	2 no.	Male + Female
6	Lab(Boys & Girls)	5 nos.	Separate for Boys and Girls.
7	Conference Hall	1 no.	With LCD, Sound System & Chairs.
8	Office Room	4 nos.	Account Section, Principal. Admission Section.

### **FACULTY DETAILS:**

To impart quality education, it is essential to appoint the best quality professionals having good knowledge, skill and experience in teaching. In this connection Lokadrusti appointed the staffs from this locality through proper interview and screening. Demo classes were taken by the new faculty to observe their performance by the expert from outside. To provide quality education the staffs/faculty members were guided by the senior staffs from different sources. The Senior staffs are hired from time to time to guide the newly appointed staffs to fulfill their deliverable. To continue uninterrupted classes each subject, have minimum two faculty members having better knowledge on the subject. Till end of this reporting period we have 17 faculty members (10 Male & 7 Female) were appointed and performing their duties in regular basis. The details staffs position are as follows:

Sl.No.	Name of the Dept.	Faculties appointed		
		Male	Female	Total
1	BCA & PGDCA	04	0	04
2	BSc (Phy)	01	01	02
3	BSc. (Chemistry)	01	01	02
4	BSc (Botany)	00	02	02
5	BSc(Zoology)	00	02	02
6	BSc(Math)	00	01	01
7	Admin Staffs	02	00	02
8	Non-Teaching Staffs.	02	00	02
	<b>Total</b>	<b>10</b>	<b>07</b>	<b>17</b>

### **STUDENTS DETAILS:**

Students are the backbone of the College; without students the college cannot run properly. So the staffs of the college and Lokadrusti use to motivate the students and the parents at village level to send their son/daughter to our college. Students those who have capacity to pay more

are used to join in other outside college and the deprived students are coming to our college for admission. During this financial year we had enrolled 290 (Boys-179+ Girls-111) students in different subjects from science and computer courses. In the subject of +3 Science there are 57 students(Boys-32+Girls-25) in year-1, 44 students (Boys-27+ Girls-17) in year-2<sup>nd</sup> and 29 students (Boys-6+ Girls-23). There are 50 students (38 boys+12 girls) in year 1, 53 students (Boys-31+ Girls-22) in Year-2<sup>nd</sup> and 45 students(Boys-37+Girls-8) in year 3<sup>rd</sup> in the subject of Bachelor in Computer Application(BCA) and 12 students (8 Boys+4 Girls) in PGDCA. The details of student enrollment class wise and subject wise are as follows:

	<b>STUDENT STRENGTH BSC./BCA/PGDCA-2018-19</b>																							
	Botany Honours			Zoology Honours			Physics Honours			Chemistry Honours			Total (+3 Science)			BCA			PGDCA			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total			
1St Year	9	5	14	6	8	14	9	6	15	8	6	14	32	25	57	38	12	50	8	4	12	78	41	119
2nd Year	6	4	10	5	9	14	12	0	12	4	4	8	27	17	44	31	22	53	0	0	0	58	39	97
3rd year	2	6	8	2	6	8	2	5	7	0	6	6	6	23	29	37	8	45	0	0	0	43	31	74
<b>Total</b>	<b>17</b>	<b>15</b>	<b>32</b>	<b>13</b>	<b>23</b>	<b>36</b>	<b>23</b>	<b>11</b>	<b>34</b>	<b>12</b>	<b>16</b>	<b>28</b>	<b>65</b>	<b>65</b>	<b>130</b>	<b>106</b>	<b>42</b>	<b>148</b>	<b>8</b>	<b>4</b>	<b>12</b>	<b>179</b>	<b>111</b>	<b>290</b>

### **GOVERNING COUNCIL MEETING:**

To manage the college smoothly it is essential to organize the Governing council meeting in regular basis. In connection to this the GB meeting of the college was organized in this financial year where the entire board members and the faculty members were present and discussion meeting was held on the following agenda:

- Review the progress of the students in each and every subject.
- Infrastructural facilities like class room, Library, Lab and others.
- Faculty position and their performance
- Students enrollment and pass out position.
- Fee structure and payment by students.
- Administrative structures and their role and responsibility.
- Development of college.

### **PRACTICAL CLASSES OF THE SCIENCE AND COMPUTER COURSES:**

To impart quality education, it is essential to provide practical education to the students. In this



connection the faculty members of the college organized regular practical classes for the students of BCA, PGDCA and BSc. During the practical session both the lab assistant and the faculty members guided the students for better understanding of the subject. BSc has different subject and practical classes are taken in different subject by the expert and the demonstrator.



### **OTHER PROGRAMMES:**

During the Financial year Lokadrusti college of Advanced Technology given more importance on curricular and co-curricular activities to run simultaneously to make the class room transection effective and comfortable for the students. To encourage the students sports, games,



ANNUAL FUNCTION OF LCAT IS GOING ON

NSS camps, Picnic, Seminar and workshops were organized and the students enjoyed a lot. Due to regular organization of seminar and

workshop the inherent quality of students are seen among themselves and the participatory



Annual Sport Meet-2018-19

learning experience will help them in future course of time. Every year the Annual Function is being organized where in students exhibit their multi-faceted potential. The Annual Sports Meet encourage and ensured participation of the students in different indoor and outdoor games. Throughout the year different cultural, literary and sports events are organized which provide opportunity for the students to show their inherent quality. The National and cultural

events like the celebration of Independence Day, Republic day, Saraswati Pooja, Ganesh Pooja were organized to encourage the students.

### **ONLINE EXAMINATION OF ITI STUDENTS:**

As there is no such computer college in the district Lokadrusti College of Advanced Technology got an opportunity to conduct the online Semester examination of ITI students of ITI Khariar and Khariar Road. During the year 2018-19, 35 students were participated in the examination and the administrative wings of LCAT mange the same smoothly.



### PERFORMANCE OF THE STUDENTS IN ACADEMIC YEAR -2018-19

During the year 2018-19 there were 57 students(31 Boys + 26 Girls) in BSc 1<sup>st</sup> year, 44 students (28 Boys+ 16 Girls) in 2<sup>nd</sup> year and 35 students(27 Boys + 8 Girls) in 3<sup>rd</sup> year. The entire students has appeared their respective examination and secured good result. From the year 3<sup>rd</sup> among 35 students 35 students has appeared the final year examination and 34 students(26 Boys+8 Girls) became successful. Due to some personal problem one students was unsuccessful. Among passed out students 27 students (20 Boys+ 7 Girls) got 1<sup>st</sup> class with honours, 1 Girl got 1<sup>st</sup> class with distinction (Ms.Godabari Meher) and other 6 (5 Boys+1 Girls) secured 2<sup>nd</sup> division.

### PERFORMANCE OF THE BCA & PGDCA STUDENTS:

During the year 2018-19 there were 51 students (40 Boys+11 Girls) in 1<sup>st</sup> year and among them 43 students (32 Boys+11 Girls) appeared the examination and 8 students ((8 Boys+0 Girls) became drop-out due to their personal problem. While observing the result it is seen that 26 students (21 Boys+5 Girls) were passed out and 17 students (11 Boys +6 Girls) failed. Among 26 passed out students 3 students (3 Boys+ 0 Girls) secured 70 to 80%, 23 students (18 Boys+ 5 Girls) secured 60-70% marks in their annual examination. In the same time among enrolled 43 students (26 Boys+17 Girls) 43 has appeared the examination for year-II and 28 students were passed (17Boys+11 Girls) and other 15 students (9 Boys+ 6 Girls) became unsuccessful. While analysis it is seen that 9 students (5 Boys+ 4 Girls) secured 70-80% marks and 19 students (12 Boys+7 Girls) has secured 60-70% marks in their year II examination.

Simultaneously 33 students (27 Boys+ 6 Girls) has appeared Final year examination and 16 students (12 Boys+4 Girls) became successful and other 17 students (15Boys+2 Girls) became unsuccessful. It is seen that among 16 passed out students 5 students (3 Boys+ 2 Girls) has secured 70-80% marks and 11 students (9 Boys+ 2 Girls) has secured 60-70% Marks.

In connection to PGDCA among 12 students 12 has appeared examination and the result is yet to be published by the University.

Total BCA Student Appeared Exam & Result-2018-19																																							
	Boys				Girls				Exam appeared	Drop out	Result 80% above			Result 70-80%			Result 60-70%			Below 50%			Total Pass out			Fail			Stipend availed form ST/SC			Stipend amount							
	ST	SC	OBC	GC	Total	ST	SC	OBC			GC	Total	G.Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total		Boys	Girls	Total				
BCA -1st	2	12	18	8	40	1	5	2	3	11	51	32	11	43	8	0	8	0	0	0	3	0	3	18	5	23	0	0	0	21	5	26	11	6	17	14	6	20	20000/- each
BCA-2nd	2	5	15	4	26	4	6	6	1	17	43	26	17	43	0	0	0	0	0	0	5	4	9	12	7	19	0	0	0	17	11	28	9	6	15	7	10	17	20000/- each
BCA -3rd	5	5	13	4	27	3	1	2	0	6	33	27	6	33	0	0	0	0	0	0	3	2	5	9	2	11	0	0	0	12	4	16	15	2	17	10	4	14	20000/- each
<b>Total</b>	<b>9</b>	<b>22</b>	<b>46</b>	<b>16</b>	<b>93</b>	<b>8</b>	<b>12</b>	<b>10</b>	<b>4</b>	<b>34</b>	<b>127</b>	<b>85</b>	<b>34</b>	<b>119</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>6</b>	<b>17</b>	<b>39</b>	<b>14</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>20</b>	<b>70</b>	<b>35</b>	<b>14</b>	<b>49</b>	<b>31</b>	<b>20</b>	<b>51</b>	



### **STIPEND AND OTHER BENEFITS RECEIVED BY THE STUDENTS IN THE YEAR 2018-19**

Stipend is one of the provision to support the Schedule Caste, Schedule Tribe and Other Backward Caste students to meet the expenses of education by the Govt. of Odisha under PRERANA scheme. We have 51 (31 Boys+20Girls) in BCA courses from ST & SC categories and all were linked with the PRERANA scheme and avail an amount of @Rs.20,000/- per students. There were 7 ST and SC students in PGDCA course and they have also received a stipend amount of Rs.9000/- each for this educational year. From BSc stream there were 44 students (27 Boys+ 17 Girls) in 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year and they have also received an amount of Rs.20000/- each as stipend from the PRERANA schemes. These financial support by the Govt. help a lot to the students for purchasing of uniform, study materials and others and encourage them for continuation of education.

**CONCLUSION:** Lokadrusti college of Advanced Technology is a small institute which is running since 2007-08 and try to provide quality based higher education to the poorest of the poor students of this region. The well-equipped laboratory, well-furnished classroom, qualified faculties and library which caters to the need of our students.

Due to non-availability of proper atmosphere at the household level the poorest of the poor community are not able to compete with the higher class society and became drop-out either from the school level or college level. The college like Lokadrusti College of Advanced Technology(LCAT) always encourage them to continue higher education by any means to create an educated society in this region. We encourage the other stakeholders and the colleges to take admission to the deprived students so that they will avail the higher education and save their life from spoil.