

ANNUAL REPORT-2017-18



LOKADRUSTI COLLEGE OF ADVANCED TECHNOLOGY

MESSAGE FROM THE DESK

Dear Friends,

I am very much happy to present the Annual Report of Lokadrusti College of Advanced Technology(LCAT) for the year-2017-18. It is my privileged to be the President of this institute to serve the poor and tribal students of this region. As most of the students are unable to continue their higher education due to non-availability of seats in the nearby Govt. colleges Lokadrusti a voluntary organization opened a degree college in its campus during the year-2007 for Bachelor in Computer Application (BCA) and Post Graduate Diploma in Computer Application (PGDCA) with a recognition from the Dept. of Higher Education Govt. of Odisha and Affiliation from the Sambalpur University. Later on to provide science education in this region we had opened a degree college in Science in the year- 2016-17 with due permission and affiliation from the Govt. of Odisha. Till now LCAT is playing a crucial role to provide higher education to the poor students in this region and the students are performing well in their classes. Due to proper counselling at the village level the poor and drop-out students those who has no other option to continue higher education get a chance in our college to complete their higher education.

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 poor areas 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.

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. In the initial period of admission of the students in the college Lokadrusti provide the infrastructural facilities like 3 class rooms, three office rooms and one library room. Later on the college was extended and create new infrastructures like class rooms, science lab, Computer Lab, Library hall and equipment like the LCD and laptop etc. The status of the Infrastructures are as follows:

Sl.No.	Name of the Infrastructures	Numbers	Facilities.
1	Class Room	5 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	1 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	3 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
	Total	10	07	17

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 children to our college. Students those who have capacity to pay more are use to join in other outside college and the deprived students are coming to our college for admission. During this financial year we had enrolled 239 (Boys-149+ Girls-90) students in different subjects from science and computer courses. In the subject of +3 Science there are 44 students(Boys-27+Girls-17) in year-1, 29 students (Boys-6+ Girls-23) in year-2nd. There are 53 students (31 boys+22 girls) in year 1, 45 students (Boys-37+ Girls-8) in Year-2nd and 60 students(Boys-43+Girls-17) in year 3rd in the subject of Bachelor in Computer Application(BCA) and 8 students (5 Boys+3 Girls) in PGDCA. The details of student enrollment class wise and subject wise are as follows:

Student Strength BSc./BCA/PGDCA-2017-18																					
	Botany Honours			Zoology Honours			Physics Honours			Chemistry Honours			BCA			PGDCA			Total		
	Boys	Girl	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1St Year	6	4	10	5	9	14	12	0	12	4	4	8	31	22	53	5	3	8	63	42	105
2nd Year	2	6	8	2	6	8	2	5	7	0	6	6	37	8	45				43	31	74
3rd year													43	17	60				43	17	60
Total	8	10	18	7	15	22	14	5	19	4	10	14	111	47	158	5	3	8	149	90	239

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 subjects.

- 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.



Governing Council Meeting is going on at LCAT

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.



Practical classes of BCA students is going on



Practical classes of BSc. Chemistry is going on

OTHER PROGRAMMES:

During the Financial year Lokadrusti college of Advanced Technology given more importance



Annual function 2018-19

on curricular and co-curricular activities to run simultaneously to make the class room transaction effective and comfortable for the students. To encourage the students sports, games, 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 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. 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.

Looking at the sexual harassment of the Girls student's self-defense courses for the students of



Self Defense Training in LCAT

LCAT was organized where the entire girls participated and trained on different procedure of self- defense. The Expert from external sources was invited to trained the students for a period of 14 days. During

evaluation at the end of training programme it is seen that 70% of Girl could find successful and others are little bit not to the level of expectation.



Certificate Distribution after Trg.

PERFORMANCE OF THE STUDENTS IN ACADEMIC YEAR -2017-18

During the year 2017-18 there were 44 students (28 Boys +16 Girls) in BSc 1st year and 35 students (27 Boys+ 8 Girls) in 2nd year. As the college is two-year-old there was no any 3rd year students. Up to the reporting period the students has appeared the 1st,2nd,3rd and 4th Semester and the result was not published. Hope the result of the entire students will be good and they will secure good percentage.

PERFORMANCE OF THE BCA & PGDCA STUDENTS:

During the year 2017-18 there were 49 students (31 Boys+18 Girls) in 1st year and among them 49 students (31 Boys+18 Girls) appeared the examination. While observing the result it is seen

that 34 students (22 Boys+12 Girls) were passed out and 15 students (9 Boys +6 Girls) failed. Among 34 passed out students 9 students (5 Boys+4 Girls) secured 70 to 80%, 25 students (17 Boys+8 Girls) secured 60-70% marks in their annual examination. In the same time among enrolled 31 students (25 Boys+6 Girls) 31 has appeared the examination for year-II and 14 students were passed (10Boys+4 Girls) and other 17 students (15 Boys+2 Girls) became unsuccessful. While analysis it is seen that 5 students (3Boys+2 Girls) secured 70-80% marks and 9 students (7 Boys+2 Girls) has secured 60-70% marks in their year II examination. Simultaneously 43 students (34 Boys+9 Girls) has appeared Final year examination and 36 students (28 Boys+8 Girls) became successful and other 7 students (5Boys+2 Girls) became unsuccessful. It is seen that among 36 passed out students 18 students (14 Boys+4 Girls) has secured 70-80% marks and 18 students (14 Boys+4 Girls) has secured 60-70% Marks. In connection to PGDCA among 8 students 8 has appeared examination and 5 were passed out. Among 5 students 4 has secured 70 to 75% marks and 1 student has secured more than 80% Marks.

Total BCA Student Appeared Exam & Result-2017-18																																							
	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	Boys	Girls	Total				
BCA -1st	3	6	17	5	31	5	6	6	1	18	49	31	18	49	0	0	0	0	0	0	5	4	9	17	8	25	0	0	0	22	12	34	9	6	15	9	11	20	16000/- each
BCA-2nd	5	5	11	4	25	3	1	2	0	6	31	25	6	31	0	0	0	0	0	0	3	2	5	7	2	9	0	0	0	10	4	14	15	2	17	10	4	14	16000/- each
BCA -3rd	2	7	21	4	34	3	2	2	2	9	43	34	9	43	0	0	0	0	0	0	14	4	18	14	4	18	0	0	0	28	8	36	5	2	7	9	5	14	16000/- each
Total	10	18	49	13	90	11	9	10	3	33	123	90	33	123	0	0	0	0	0	0	22	10	32	38	14	52	0	0	0	60	24	84	29	10	39	28	20	48	

STIPEND AND OTHER BENEFITS RECEIVED BY THE STUDENTS IN THE YEAR 2017-18

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 48 (28 Boys+20Girls) in BCA courses from ST & SC categories and all were linked with the PRERANA scheme and avail an amount of @Rs.16,000/- per students. There were 3 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 22 students (17 Boys+5 Girls) in 1st and 2nd 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.