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KARIM CITY COLLEGE JAMSHEDPUR

DEPARTMENT OF INFORMATION TECHNOLOGY



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ABOUT THE DEPARTMENT:

- We were the pilot institution to have introduced the vocational course in IT for the students of Jamshedpur based college under Ranchi University in 2002.
- \geq Initially it was three years UG course .
- Our Affiliation continued under Kolhan University, Chaibasa created in the year 2009.
- Kolhan University implemented Choice Based Credit System (CBCS) pattern from the session 2017.
- NEP 2020 implemented in the year 2022 by Kolhan University.
- We have successfully catered to the needs of the students of not only Jharkhand but also from Bihar, Bengal and Odisha.
- Till now we have produced Hundreds of industry ready IT professionals all over the globe.

VISION & MISSION

VISION :-

 To be a leading institute in providing quality of education and development in Information Technology by producing technologically expert students for serving the Nation.

MISSION :-

- To produce technologically competent graduates by implementing modern techniques and processes in teaching – learning and evaluation.
- To produce successful graduates with holistic development and to inculcate entrepreneurial attitude and values among students.
- To imbibe social and ethical values among students.

CURRENT FACULTY MEMBERS

NAME OF FACULTY	WORKING SINCE	DESIGNATION	PAPERS
Dr. Anwar Shahab	2002	Coordinator	-
Ms. Kanchan Bala (UGC NET qualified)	Jan 2014	Asst. Professor (Regular)	Major & Minor papers of BScIT (C programming, Java Programming, DBMS etc)
Ms. Ratna Pandey (Pursuing PhD)	Nov 2010	Asst. Professor (Regular)	Major & Minor papers of BScIT (C++ Programming, Operating System, Data Structure etc)
Mr. Saket Kumar	Sep 2017	Guest Faculty	Communicative English.
Ms. Farha Naaz	Jan 2021	Guest Faculty	Computer Graphics, Software Engineering
Ms. Ghazala Ruhi	Aug 2023	Guest Faculty	Mathematics
Mr. Shibram Bera	April 2022	Lab-in-charge	All Practical Papers Of BScIT
Ms. Preeti Singh	May 2017	Office Assistant	-
Md. S.K Muneerul Islam	2002	Lab Assistant	-

FACULTY OF THE DEPARTMENT



Prof. Ratna Pandey



Prof. Farha Naaz



Dr. Anwar Shahab



Prof. Ghazala Ruhi





Prof. Kanchan Bala



Prof. Saket Kumar

Lab Incharge Shibram Bera

LAB SETUP

S.No.	Items	Quantity
01	Computers	26
02	AC	03
03	Projector	01
04	Printer	01







FACULTY MEMBERS USING ICT









CONFIGURATION OF COMPUTERS

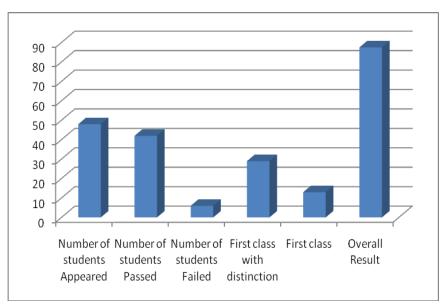
S. No	Device	Configuration
01	Processor	i3
02	RAM	8GB, 4GB
03	CPU	3.40GHz
04	HDD	1TB
05	SSD	240 GB
06	O/S	Windows 10, Linux
07	LANG	C, C++, JAVA, VB
08	DB	MYSQL, PostgreSQL
09	PACKAGE	MS-Office, Putty
10	Scripting Lang	JavaScript, ASP, VBScript
11	Markup Lang	HTML, XML, DHTML, XHTML

STUDENTS ADMITTED

Session	No. of Girls	No. of Boys	Total
2019-2020	5	55	60
2020-2021	4	32	36
2021-2022	11	49	60
2022-2023	5	28	33
2023-2024	23	37	60

RESULTS (2019-2020)

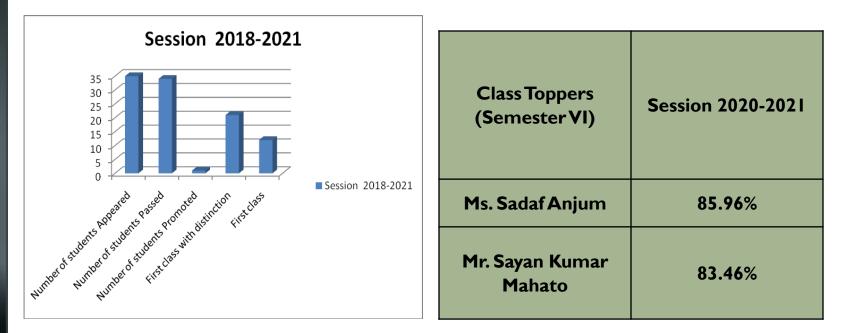
Semester VI	Session 2019-2020
Number of Students Appeared	48
Number of Students Passed	42
Result	87.5%



Class Toppers (Semester VI)	Session 2019-2020
Ms. Nikita Kamti	84.79%
Ms.Aasna Qawi	83.67%

RESULTS (2020-2021)

Semester VI	Session 2020 - 2021
Number of students Appeared	35
Number of students Passed	34
Result	97.14%



RESULTS (2021-2022)

Semester VI	Session 2021 - 2022
Number of students Appeared	60
Number of students Passed	55
Result	91.66%

Session 2019-20)22		
	 Number of students Appeared Number of students Passed First class with distinction 	Class Toppers (Semester VI)	Session 2021-2022
	■ First class	Mr. Koushik Mit	86.92%
	Result	Mr. N Prince	84.63%

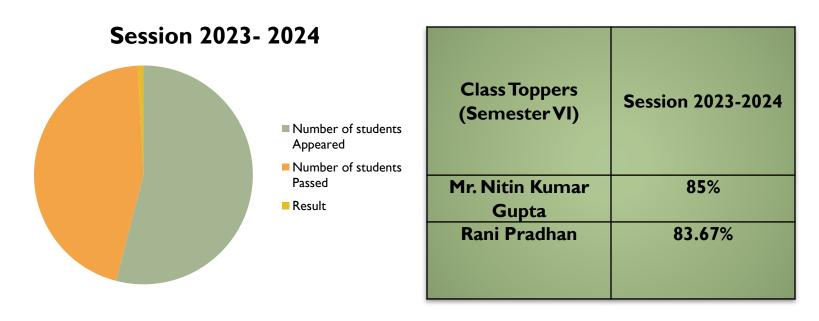
RESULTS (2022-2023)

Semester VI	Session 2022- 2023
Number of students Appeared	33
Number of students Passed	30
Result	90.90%

Session 2020	0-2023		Session 2022-2023
	■ Number of students Appeared	Class Toppers (Semester VI)	
	Number of students Passed		
	First class with distinction(75% and	Ms. Ayesha Zareen	85.67%
	above)	Mr. Soubhik	85.21%
	First class	Sannigrahi	

RESULTS (2023-2024)

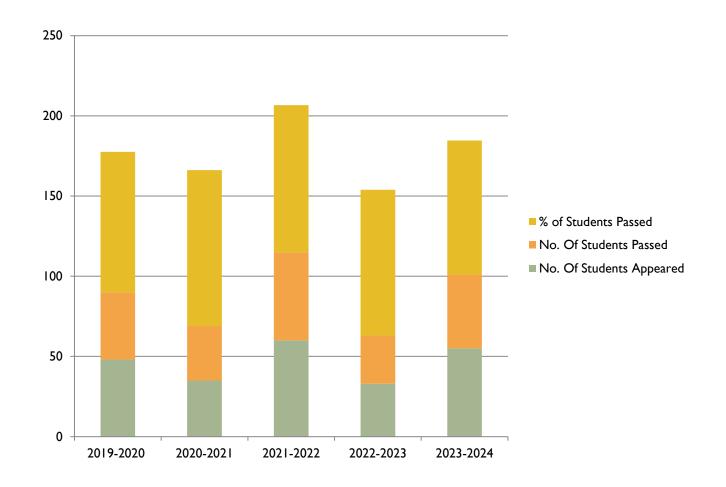
Semester VI	Session 2023- 2024
Number of students Appeared	55
Number of students Passed	46
Result	83.63%



RESULTS ANALYSIS(2019-2024)

Year	No. Of Students Appeared	No. Of Students Passed	% of Students Passed
2019-2020	48	42	87.5
2020-2021	35	34	97.14
2021-2022	60	55	91.66
2022-2023	33	30	90.9
2023-2024	55	46	83.63

RESULTS ANALYSIS(2019-2024) GRAPHICAL REPRESENTATION



MENTORING PROCESS

- Establishing the Relationship
- Goal Setting
- Developing the Plan
- >Regular Meetings and Feedback
- Providing Guidance and Support
- Skill Development and Growth
- >Evaluation and Reflection

MENTOR-MENTEE RATIO SESSION 2020-2021

Session	Teachers' Name	No. Of Students	Total No. Of Students
Semester-1 (2020-2023)	Ms. Kanchan Bala	18	36
	Ms. Ratna Pandey	18	

MENTOR-MENTEE RATIO SESSION 2021-2022

Session	Teachers' Name	No. Of Students	Total No. Of Students
Semester-3 (2020-2023)	Ms. Kanchan Bala	17	34
	Ms. Ratna Pandey	17	
Semester-1 (2021-2024)	Ms. Kanchan Bala	30	60
	Ms. Ratna Pandey	30	

MENTOR-MENTEE RATIO SESSION 2022-2023

Session	Teachers' Name	No. Of Students	Total No. Of Students
Semester-5 (2020-2023)	Ms. Kanchan Bala	17	34
	Ms. Ratna Pandey	17	
Semester-3 (2021-2024)	Ms. Kanchan Bala	30	56
	Ms. Ratna Pandey	26	
Semester-3 (2022-2026)	Ms. Kanchan Bala	15	30
	Ms. Ratna Pandey	15	

IDENTIFYING SLOW LEARNERS

- **Observation**: We observe the student's participation in class and how they engage with different types of tasks. Slow learners may be more passive and less willing to participate.
- Assessments: We conduct regular tests, quizzes, or assignments to segregate slow learners. Consistent low scores, especially on basic tasks, might indicate a slow learning pace.
- One-on-One Interaction: Conversations or individual tests can reveal whether a student understands the material at the level required.
- **Comparison with Peers**: We monitor the student's progress in relation to classmates, noting when they consistently lag behind.

<u>MEASURES TO IMPROVE SLOW</u> <u>LEARNERS</u>

- Mapping of strategies for slow learners.
- Finding the reason for introvert nous among slow learners.
- Gauging their family and economic condition affecting their performances.
- One to one contact helps both mentor and mentee open up and discuss the issues more transparently.
- Special personalized counseling is given to slow learners.
- For slow learner special remedial classes and class test conducted.
- Faculty member supply them additional study material through WhatsApp.

IDENTIFYING ADVANCED LEARNERS

- **Consistently High Grades**: Advanced learners tend to perform well in assignments, tests, and projects, often scoring above the average for the course.
- Exceptional Understanding of Complex Concepts: They show a deep understanding of concepts, often grasping complex material quickly and accurately.
- **Critical Thinking and Problem-Solving**: Advanced students can analyze information critically, make connections between ideas, and offer creative solutions to problems.
- Independence in Learning: They often perform well with minimal guidance and show a strong ability to direct their own learning. They seek out additional resources to deepen their understanding.

<u>MEASURES TO ENHANCE</u> ADVANCED LEARNERS

- We suggest subject specific books to get in depth knowledge on Programming skill which helps them ultimately during their placement process of written examination and interview etc. The books like Test Your C Skills, Java Certification, Exploring in C etc.
- We make them Aware of online certification courses like NPTEL, SWAYAM, Udemy, Infosys Springboard etc which will help them in augmenting their computing skills for future endeavors.
- We encourage them to participate in Seminars, conference and technical events.
- To ensure the best performance and outcome by students, the advance learners are guided for ideal answer writing techniques with the help of previous questions. They are also motivated to focus upon a university rank by way of optimum performance.

ACTIVITIES AT A GLANCE

- Induction Meeting
- Parent Teacher Meeting
- Web Hunt Competitions
- Internal Examinations
- Workshops
- Seminars
- Slide Presentation Competition
- Blood Donation Camp

ACTIVITIES (2019-2020)



Induction Meeting – held on **30th July , 2019**



Parent Teacher Meeting – held on **30th July , 2019**



Blood Donation Camp- held on 9th January, 2020

ACTIVITIES (2020-2021)



Induction Meeting – held online on 24th Nov , 2020



Web Hunt Competition- held on 23rd March 2021



Poster Competition -held on 7th April 2021

ACTIVITIES (2020-2021)



Faculty Development Program On "Gmail and Google drive"

held on 27 May 2021 at 3.00 pm.



ACTIVITIES (2021-2022)



Induction Meeting – held on 22nd Sept, 2021



Parent Teacher Meeting – held on 9th March, 2022



Internal Exam – held between 18th Feb 2022 & 30th March 2022

ACTIVITIES (2022-2023)



Induction Meeting – held on 19th Sept, 2022



Parent Teacher Meeting – held on 19th Sept, 2022



Slide Presentation Competition – held on 16th May 2023

ACTIVITIES (2022-2023) Continued.....



GPS Map Camera



Jamshedpur, Jharkhand, India Karim City College Sakchi, Jamshedpur, Jharkhand 831001, India Lat 22.800924° Long 86.199046° 20/05/23 12:14 PM GMT +05:30

Workshop on "CURRENT TRENDS IN IT INDUSTRY"



Held on 20th May 2023

ACTIVITIES (2023-2024)

Events

Pictures

Induction Meeting – held on 2nd Aug, 2022

Parent Teacher Meeting – held on **2**nd **Aug, 2022**

Internal Exam – held between 22nd Nov. 2023 & 28th March 2023



ACTIVITIES (2023-2024) Continued.....





Tree Plantation- held on I 0th JanuaryAlumnus meet – held on 29th Nov20242023



Parent Teacher Meeting -held on 20th Jan, 2024

ACTIVITIES (2023-2024)

Continued.....



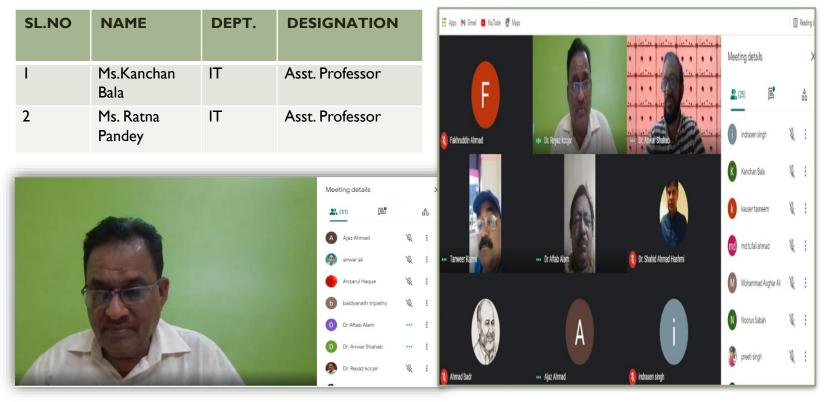
Workshop on "STRESS MANAGEMENT"



Held on 29th Jan, 2024

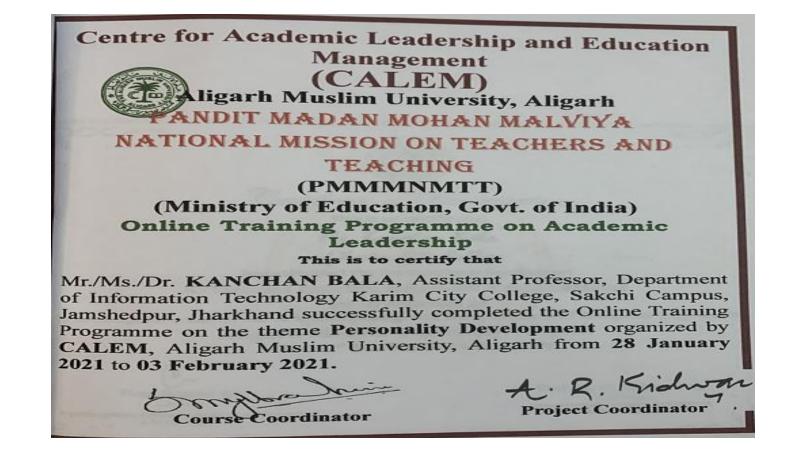
<u>FACULTY</u> <u>ACHIVEMENTS(2019-2024)</u>

FDP ORGAINSED BY Dept. of CA & IT, KARIM CITY COLLEGE, JAMSHEDPUR- 27th May to 29th May 2021



ONLINE TRAINING PROGRAMME ON ACADEMIC LEADERSHIP BY CALEM ALIGARH MUSLIM UNIVERSITY- 28TH JAN 2021 TO 3RD FEB 2021

SL.NO	NAME	DEPT.	DESIGNATION
I	Ms.Kanchan Bala	IT	Asst. Professor



NATIONAL LEVEL WEBINAR ON CURRENT TRENDS IN IT BY Dr. M.G.R. EDUCATIONAL INSTITUTE- 24th SEPTEMBER 2021

SL.NO	NAME	DEPT.	DESIGNATION
1	Ms.Kanchan Bala	IT	Asst. Professor
2	Ms. Ratna Pandey	IT	Asst. Professor



ONLINE INTERNATIONAL SEMINAR ON ARTIFICIAL INTELLIGENCE AND APPLICATIONS BY ALIGARH MUSLIM UNIVERSITY- 7TH MARCH 2022

SL.NO	NAME	DEPT.	DESIGNATION
1	Ms.Kanchan Bala	IT	Asst. Professor
2	Ms. Ratna Pandey	IT	Asst. Professor



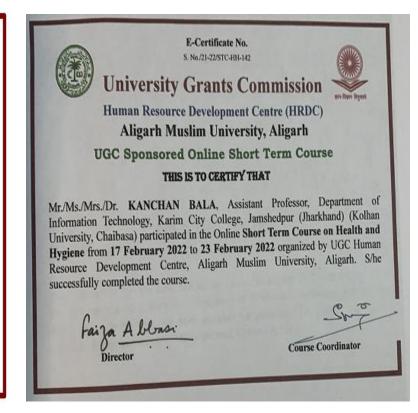
ONLINE SHORT TERM COURSE ON "HEALTH AND HYGIENE" BY UGC HRDC, ALIGARH MUSLIM UNIVERSITY, ALIGARH FROM 17TH FEB 2022 TO 23RD FEB 2022

SL.NO	NAME	DEPT.	DESIGNATION
1	Ms.Kanchan Bala	IT	Asst. Professor
2	Ms. Ratna Pandey	іт	Asst. Professor



Mr./Ms./Mrs./Dr. RATNA PANDEY, Assistant Professor, Department of Information Technology, Karim City College, Jamshedpur (Jharkhand) (Kolhan University, Chaibasa) participated in the Online Short Term Course on Health and Hygiene from 17 February 2022 to 23 February 2022 organized by UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh. S/he successfully completed the course.

Course Coordinato



ONLINE WORKSHOP ON NEP 2020 IMPLEMENTATION BY ALIGARH MUSLIM UNIVERSITY-14THFEB TO 15TH FEB 2023

SL.NO	NAME	DEPT.	DESIGNATION
1	Ms.Kanchan Bala	IT	Asst. Professor
2	Ms. Ratna Pandey	ІТ	Asst. Professor



University Grants Commission Human Resource Development Centre (HRDC) Aligarh Muslim University, Aligarh

E-certificate No.

NEP-14-15 February/2022/S. No-45

Online workshop on NEP 2020 Implementation

THIS IS TO CERTIFY THAT

Mr./Ms./Mrs./Dr./Prof. KANCHAN BALA, Assistant Professor, Department of Information Technology, Karim City College, Sakchi, Jamshedpur, East Singhbhum (Jharkhand)(Kolhan University, Chaibasa) participated in the Online Workshop on NEP 2020 Implementation from 14 to 15 February 2023 organized by the UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh.



E-certificate No. NEP-14-15 February/2022/S. No-24

University Grants Commission Human Resource Development Centre (HRDC) Aligarh Muslim University, Aligarh



Online workshop on NEP 2020 Implementation

This is to certify that

Mr./Ms./Mrs./Dr./Prof. RATNA PANDEY, Assistant Professor, Department of Information Technology, Karim City College, Sakchi, Jamshedpur, East Singhbhum (Jharkhand)(Kolhan University, Chaibasa) participated in the Online Workshop on NEP 2020 Implementation from 14 to 15 February 2023 organized by the UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh.

Programe Coordinator

Course Coordinator

Programe Coordinato

In-Person NPTEL Awareness Workshop conducted on January 8, 2024 by NPTEL, IIT Madras in association with R.V.S. College of Engineering & Technology, Jamshedpur, Jharkhand Following faculty members participated in the workshop

SL.NO	NAME	DEPT.	DESIGNATION
1	Ms.Kanchan Bala	IT	Asst. Professor
2	Ms. Ratna Pandey	IT	Asst. Professor



R. V. S. College Of Engineering & Technology, Jamshedpur, Jharkhand / R. V. S. College Of Engineering & Technology, Jamshedpur, Jharkhand

PROF. ANDREW THANGARAJ COORCINATOR NPTEL ET MADRAS

PROF. ANDREW THANGARAS

<u>STUDENTS'</u> ACHIVEMENTS(2019-2024)

ORGAINSED BY WOMEN CELL, KARIM CITY COLLEGE, JAMSHEDPUR

Roll	NAME	Class	Event	Prize
ITINF19001	Nitesh Kumar	BSc. IT Sem-3	Speech Competition	l st

ORGAINSED BY SPARC, KARIM CITY COLLEGE, JAMSHEDPUR

Roll	NAME	Class	Event	Prize
ITINF18006	Ajay Tripathy	BSc. IT Sem-6	Speech Competition	lst

COMMUNAL HARMONY 2022

Roll	NAME	Class	Event	Prize
ITINF20027	Manisha Kumari	BSc. IT Sem-I	Sketch	l st

<u>19th National Drama and Dance Festival organized by Sanskar Bharti Natya Kendra, Agra, UP</u> <u>25th Oct to 29th Oct 2023</u>

Roll	NAME	Class	Event	Prize
ITINF21003	Chandni Kumari	BSc. IT Sem-4	Acting	l st
ITINF21003	Chandni Kumari	BSc. IT Sem-4	Makeup	st
ITINF21003	Chandni Kumari	BSc. IT Sem-4	Co-Actress	3 rd

NSS Day 24th Sep 2023, Karim City College

Roll	NAME	Class	Event	Prize
VOCIT22/08	Amisha Kumari	BSc. IT Sem-2	Dance	st
VOCIT22/06	Augusti Soy	BSc. IT Sem-2	Dance	st

NSS Cell, Kolhan University Chaibasa, Jharkhand with College 21st June 2023

Roll	NAME	Class	Event	Prize
ITINF21003	Chandni Kumari	BSc. IT Sem-4	Yoga	st

District Level Yuva Utsav organized by Nehru Yuva Kendra Sangathan 14th Mar 2023

Roll	NAME	Class	Event	Prize
ITINF21003	Chandni Kumari	BSc. IT Sem-4	Yoga	st

STUDENT PLACEMENTS

Companies name with logo





Placement Drive by Chhaya It Services Private Ltd





Placement Drive by American Consultant Company (Data Consultant Corporation)

PLACEMENT DETAILS(2019-2020)

S.No	Name	Company Name
1	Vishal Kumar Sharma	TCS
2	Sunmay Kumar	TCS
3	Shresth Kumar	TCS
4	Vivek Kumar Singh	TCS
5	Neelu Kumari	WIPRO
6	Nikita Kamti	WIPRO
7	Rohit Mahto	WIPRO
8	Sunmay Kumar	WIPRO
9	Dhiraj Kumar Sahu	WIPRO

PLACEMENT DETAILS(2020-2021)

S.No	Name Of Candidate	Company Name
1	Gaurav Sahu	Wipro
2	Nikhil Kumar	Wipro
3	Sayan Kumar Mahato	TCS
4	Mayank Singh	Wipro
5	Sadaf Anjum	Wipro
6	Sadiya Tabbassum	Wipro

PLACEMENT DETAILS(2021-2022)

S.No	Name Of The Candidate	Company Name
I	Kanhaiya Agarwal	Wipro
2	Atmajit Sahoo	Infosys
3	Harsh Raj Singh	Infosys
4	Aman Singh	eClinicalWorks
5	Aman Singh	Chaya IT Services Pvt Ltd
6	Gautam Nandi	Chaya IT Services Pvt Ltd

PLACEMENT DETAILS(2021-2022)

S.No	Name Of The Candidate	Company Name
T	Rajdeep Singh	Chaya IT Services Pvt Ltd
2	Yashwant Kumar Sahu	Chaya IT Services Pvt Ltd
3	Abhishek Dutta	Chaya IT Services Pvt Ltd
4	Chitta Ranjan Dash	DCC
5	Sudeshna Dutta	DCC
6	Subhash Hembrom	DCC
7	Abhishek Dutta	DCC
8	Yaswant Kumar Sahu	DCC

PLACEMENT DETAILS(2022-2023)

S.No	Name Of The Candidate	Company Name
I	Faizan Akram	Oracle Solutions Pvt. Ltd.
2	Ayesha Zareen	NIMAP Infotech
3	Manisha Kumari	NIMAP Infotech

PLACEMENT DETAILS(2023-2024)

S.No	Name Of The Candidate	Company Name
I	Anubhav	TCS
2	Dhiraj Kumar	TCS
3	Mehsan Fahad	TCS
4	Chandani Kumari	NML,JSR
5	K Subham Rao	TCS
6	Sourav Behra	TCS
7	Sunny Kumar	TCS

ALUMNI DETAILS AT A GLANCE

S.No.	Name	Company Name
I	Jyoti Jaiswal	Labridge
2	Mithun Mishra	Rudrayati Technologies
3	Aman Singh	eclinicalworks
4	Mohammad Adnan Hassan	Europ Assistance India
5	Aasna Qawi	Cognizant
6	Nikita Kumari	TCS
7	Neelu Kumari	TCS
8	Chandani Kumari	CSIR NML



BEST PRACTICES

- Doubt Classes
- Holiday Assignments
- Practice Question-Sets

HOLIDAY ASSIGNMENTS

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PRACTICE QUESTION-SETS

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SWOC ANALYSIS

Strengths:

Curriculum Focused on Technology:

Offers up-to-date courses aligned with industry trends, such as data science, programming, artificial intelligence, and cloud computing.

• Experienced Faculty:

• Professors with relevant industry experience and strong academic qualifications, providing students with practical and theoretical knowledge.

Industry Tie-ups and Internships:

• Collaborations with tech companies, offering students opportunities for internships, placements, and real-world projects.

• Infrastructure:

• Modern computer labs with up-to-date hardware and software, providing students with a suitable environment to learn and experiment.

Research and Development:

 Encouragement for students and faculty to participate in research activities and present papers, adding to the institution's academic credibility.

• Weaknesses:

Limited Focus on Soft Skills:

• While technical skills are a core focus, students may lack training in essential soft skills such as communication, teamwork, and leadership.

• Curriculum Constraints :

 Curriculum is prepared by Kolhan University which does not make students industry ready.

• Limited Extracurricular Activities:

 A narrow focus on academics may reduce opportunities for personal growth, leadership, and extracurricular engagement (e.g., sports, arts, leadership programs).

• College Surrounded by huge industry:

- Our proximity to huge industry posing health hazards.
- High Fee Structure :
 - Due to self financing course, cost of education is high, making it difficult for students from economically weaker sections to access quality education.

• **Opportunities**:

• Expanding Online and Hybrid Learning Models:

 Increasing demand for online education means colleges can offer hybrid or fully online courses, expanding their reach to a larger audience.

Industry Partnerships for Research and Innovation:

 Collaboration with leading tech companies and startups can provide students with exposure to real-world projects, research opportunities, and innovation labs.

• Start-up Incubation and Entrepreneurship:

 Providing platforms for students to create and nurture tech startups, encouraging entrepreneurship in the IT sector.

• Emerging Fields in IT:

 Offering specialized courses in emerging areas such as Blockchain, Machine Learning, and Quantum Computing to cater to growing market needs.

• Alumni Network:

• A strong alumni network can lead to mentorship opportunities, networking, and career support for students.

• Challenges:

Rapid Technological Change:

• The fast pace of change in the IT sector can make it difficult for colleges to constantly update their curriculum and ensure relevance.

• Intense Competition:

• Numerous colleges offering similar BSc IT programs create intense competition, making it harder to stand out in a crowded market.

• Financial Constraints:

- Maintaining modern infrastructure and hiring experienced faculty may put financial pressure on the college.
- Mismatch Between Industry Requirements and Academic Curriculum:
 - The gap between the skills taught in college and the skills needed by employers may lead to students being unprepared for the workforce.

Student Retention and Engagement:

 Ensuring students stay engaged, perform well academically, and complete their course on time can be a challenge, particularly if the college's support services are insufficient.

Regulatory and Accreditation Issues:

 Changes in educational regulations or accreditation standards could impact the college's reputation or operational efficiency.

FUTURE PLAN

- Curriculum Development and Updates
 - Industry-Relevant Courses: Continuously update the curriculum to include emerging technologies like Artificial Intelligence (AI), Machine Learning (ML), Blockchain, Cybersecurity, Cloud Computing, Data Science, IoT (Internet of Things), and Robotics.
 - Soft Skills Development: Incorporate soft skills like teamwork, communication, problem-solving, leadership, and critical thinking to prepare students for professional environments.
- Integration with Emerging Technologies
 - AI & Machine Learning Labs: Establish dedicated labs for AI/ML and data science where students can experiment with real-world datasets and algorithms.
 - Cloud Platforms: Collaborate with leading cloud providers (such as AWS, Microsoft Azure, or Google Cloud) for workshops and certifications, giving students hands-on experience in cloud technologies.
- Industry Collaboration and Internship Programs
 - Industry Tie-ups: Develop partnerships with tech companies for internships, projects, and job placements. This collaboration can provide students with a real-world understanding of the IT landscape.
 - Industry Expert Sessions: Invite industry experts to deliver guest lectures, webinars, and workshops, keeping students updated on current trends and tools in the IT industry.

THANK YOU