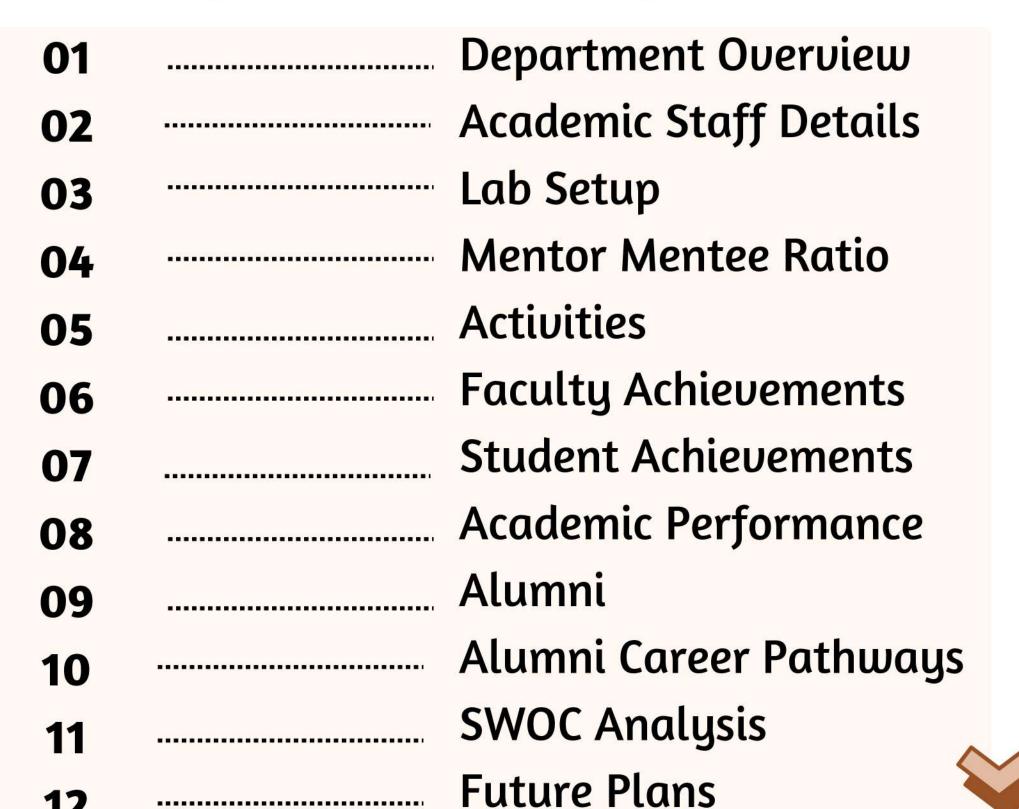


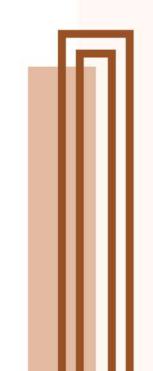


OVERVIEW









DEPARTMENT OVERVIEW

- Department of Computer Applications was started in year 2002 by Ranchi University under Self finance scheme. BCA is a undergraduate Vocational course in computer applications.
- Our 1st batch passed out in year 2005. This course is of 3 years duration leading to the award of vocational Honors in under-graduation.
- Our Affiliation has continued under our current parent university Kolhan University, Chaibasa, created in 2009.
- In 2016 Choice Based Credit System (CBCS) was started and Bachelor in Computer Applications (BCA) was introduced as a full time program by Kolhan University. The course consists of six semesters of six months duration, each semester having 5 papers of 100 marks each (the total marks for entire course was 3000).
- From the academic Session (2022 -2023) New Education Policy2020(NEP)was implemented and 4 years under graduate Program(FYUGP) was introduced. We have guided our students upto Sem3 and the new semester will begin soon after their examination and result.
- In the Year 2024, The Department is also approved by All India Council of Technical Education (AICTE), New Delhi
 - Bachelor in Computer Applications is a customized course for students interested in finding a career in computer science and information technology. Computerization and automation employed by government and private players provides huge opportunities employments for calibrated and trained computer Professionals



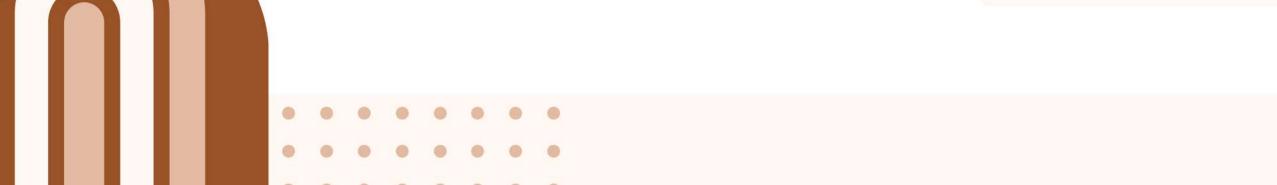
VISION AND MISSION

VISION

• Aims to generate groomed, technically competent and skilled intellectual Professionals to meet the current challenges of the modern computing industry.

MISSION

- To offer high-grade, value-based undergraduate programme in the field of Computer Applications.
- To convey quality computer education to enhance logical computing and programming skills.
- To implement modern techniques and processes in teaching learning and evaluation.
- To promote creativity and search of excellence in computer applications.







ACADEMIC STAFF DETAILS



Designation- Co-Ordinator **Qualification**- M.A, Ph.D. **Experience**- 23 Years **Specialization**- Departmental

Administration



Designation - Assistant Prof.essor
Qualification - M.C.A,
M.Sc(Phy),Persuing Ph.D from Dr
A.P.J Abdul Kalam University,Indore
Experience - 23 Years
Specialization - C, C++, Software Eng.,
Networking, DS Python, RDBMS,

Dr. Anwar Shahab



Noorus Sabah

Designation- Assistant Prof.essor
Qualification- M.C.A, Persuing Ph.D
from NIT ,Jamhedpur.
Experience- 14Years
Specialization- Logic Design,
Software Eng., Networking, Python,
VB, Web-Tech, etc.



Designation- Assistant Prof.essor Qualification- Ph.D. Experience- 15 Years Specialization- Entrepreneurship Development







ACADEMIC STAFF DETAILS



Designation - Associate Prof.essor
Qualification - Ph.D
Experience - 9 Years
Specialization - Managerial
Economics



Qualification- M.C.A

Experience- 4Years

Specialization- C, C++, Software Eng.,
Networking, DS Python, RDBMS,
JAVA, etc.

Designation- Assistant Prof.essor

Dr.Ajaz Ahmed

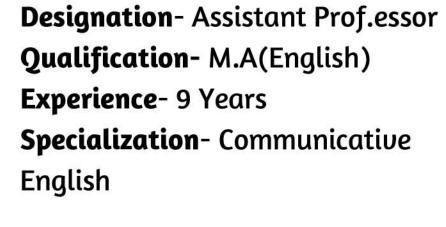


Ghazala Ruhi

Designation- Assistant Prof.essor **Qualification**- M.Sc(Maths) **Experience**- 3 Years **Specialization**- Mathematics, Probability, Statistics and etc.



Saket Kumar







FORMER FACULTY MEMBERS

- Prof. Abid Hussain, Prof. Abhijeet Basu, Prof. Sudhal Kumar Acharya, Prof. Nupur roy were appointed in the Department of Computer Applications as Guest Lecturer in the year 2002.
- **Dr. Reeta Kumari** was appointed in the Department of Computer Applications as Guest Lecturer in the year 2003.
- **Prof. Vinod Kumar Sinha** was appointed as Guest Lecturer in the year 2004.
- Prof. Chandana Sharma worked as a Guest Lecturer in the year 2004.
- Dr. Susmita Mahto, Prof. Kanchan Mala Siddhi, , Prof.
 Mamta Gupta also worked as a Guest Lecturer in the vear 2006





.

0 0 0

LAB SETUP

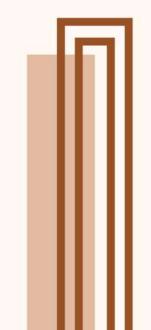
S.no	Device	Total No. of Units	• • •
01	Computer Units	29	
02	UPS Units	29	
03	Projectors Units	03	
04	Printers Units	03	

^^^	•	System	Configuration			
	S.no	Device	Configuration			
	01	Processor	Intel(R) Core(TM) i3-6100 CPU			
	02	RAM	8GB			
	03	CPU	3.40GHz			
	04	SATA SSD	256 GB			
ш	05	OS	Windows 10,linux			
	06	Lnag	C, C++, Java, VB			
	07	DB	MYSQL, PostgreSQL			
	08	Package	MS-Office, Putty	ШШ		
	09	Scripting Language	JavaSCript, ASP, VBScript			
	10	Mark-up Language	HTML, XML, DHTML, XHTML	• •		

Student Enrolled

Session	No.of Boys	No. of Girls	Total
2023-2024	37	23	60
2022-2023	36	24	60
2021-2022	47	13	60
2020-2021	45	15	60
2019-2020	48	12	60

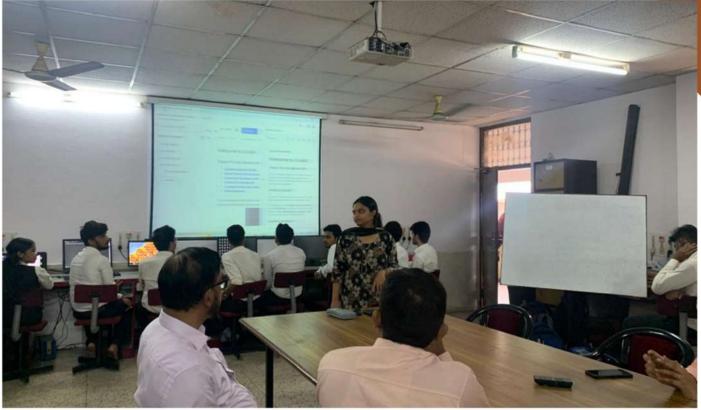






Faculties engaging classes using ICT tool



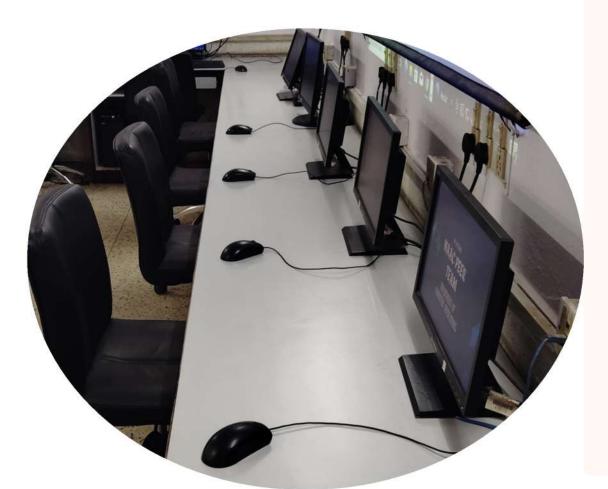






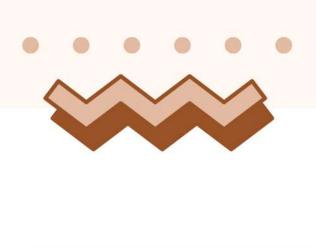


FACILITIES OFFERED BY THE DEPARTMENT



- Lab Setup: PC with Broadband and wifi
 Connectivity
- Audio-Visual Teaching: Aids Like Projector in Class Rooms
- Library: Central Library with all kinds of books, according to our stream
- Virtual Classroom: Gives online environment to our Students



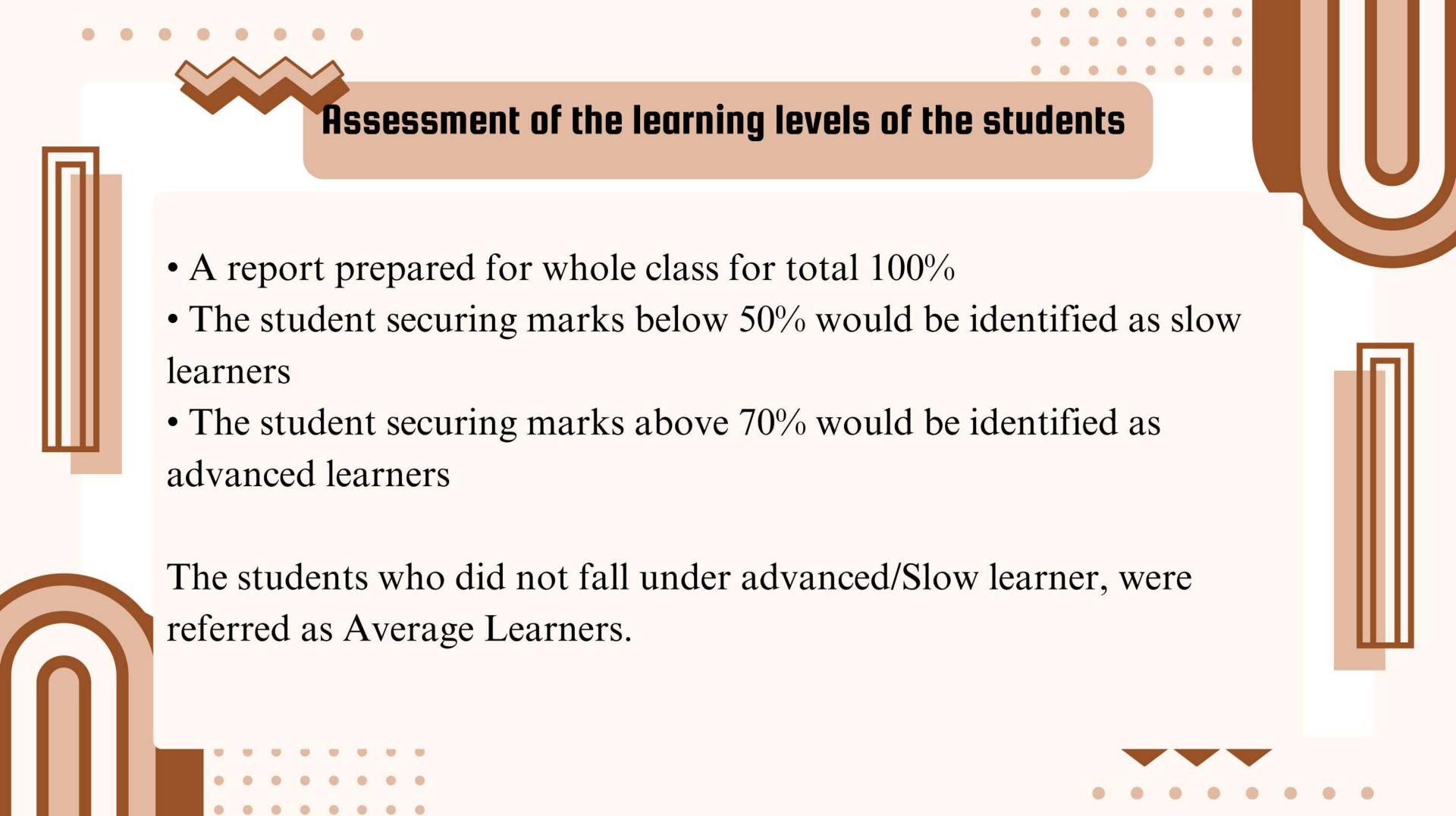


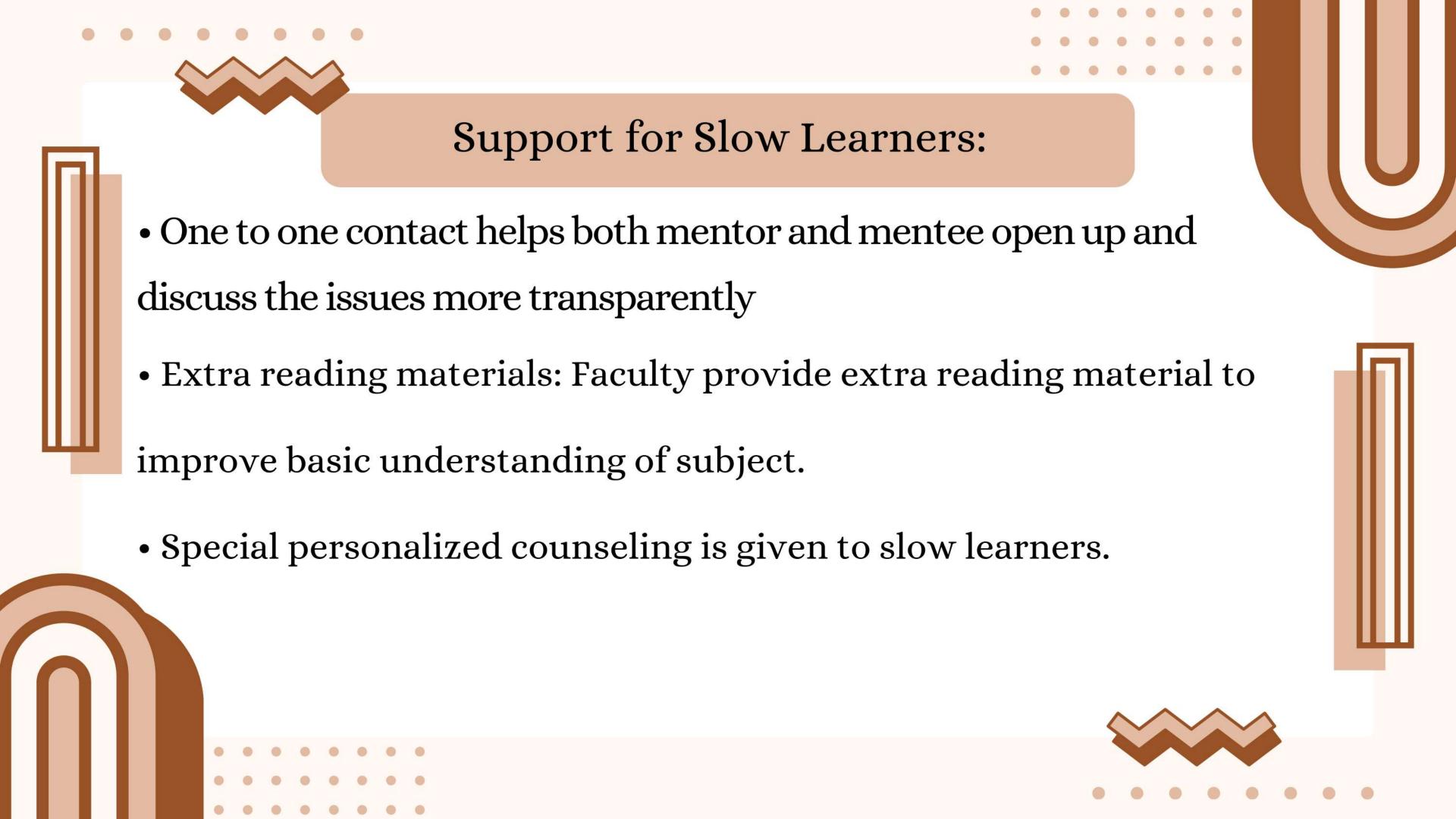
Identifying Slow Learner

- Overall result of previous examination
- Result of internal assessment
- Class observation of subject teacher
- Attendance
- Class test
- Ability to solve Lab assignments
- Ability to answer question in class
- General awareness
- Attentiveness

Assessment of the learning levels of the students

S. No	S. No Parameter	
	Marks obtained in internal assessment test	50%
2	Academic performance in previous examination	25%
3	Observation of subject teacher	25%







- 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.
- 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.
- We guide them to appearonline career test so that they can prepare themselves as per the market requirement

MENTOR-MENTEE RATIO SESSION 2021-2024

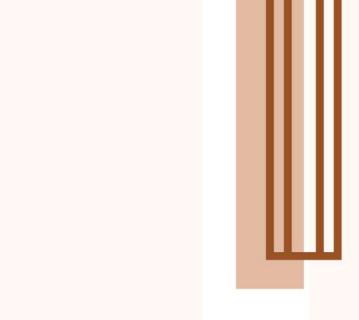
	SESSION	Teacher's Name	No. of Students	Mentor-Mentee Ratio
		Mohammad Ashgar Ali	29	
20	2023-2024 Ms. Noorus Sabah	29	1:29	
Ш	0000 0000	Mohammad Ashgar Ali	27	1.07
	2022-2023	Ms. Noorus Sabah	27	1:27
		Mohammad Ashgar Ali	29	
	2021-2022	Ms. Noorus Sabah	29	1:29



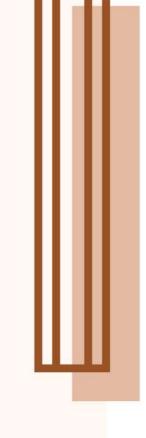
MENTORING PROCESS

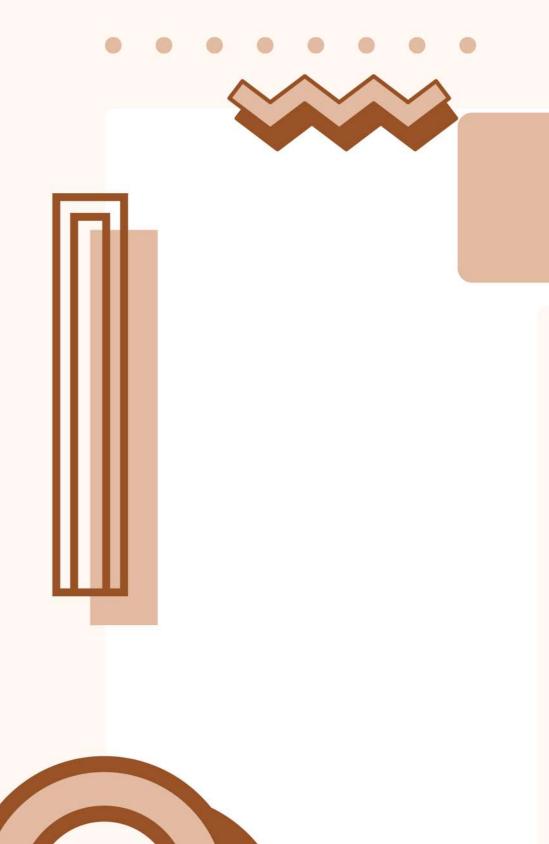


- Goal Setting
- Developing the Plan
- Regular Meetings and Feedback
- Providing Guidance and Support
- Skill Development and Growth
- Evaluation and Reflection



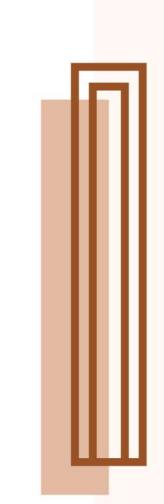






ACTIVITIES OF THE DEPARTMENT

- Interview Based Screening
- Induction Meeting
- Parent Teacher Meeting
- Quiz Competitions
- Internal Examination
- Workshops
- Seminars
- Slide Presentation Competition
- Blood Donation Camp
- Programming Skill Competition





ACTIVITIES(2019-2020)



करामा सटा कालज म खतदान। शावर क दारान(दाय स तासर)। प्रास्पल मा. जका। स्था, उनके (दायें) मो. स्थाजव अन्य • जागरण

छात्रों ने दूसरों की जिदंगी बचाने को संग्रहित किए 90 यूनिट रक्त

जागरण संवादवाता, जमशेदपुर : रक्तदान किया। कुल 90 यूनिट रक्त करीम सिटी कॉलेज, साकची में संग्रहित किए गए। महाविद्यालय से एनसीसी की ओर से रक्तदान शिविर कैप्टन डॉ. फखरुद्दीन अहमद के

Blood Donation Camp - held on 9th
Jan, 2020, in which many of our
students participated



लाइफ रिपोर्टर@जमशेदपुर

करीम सिटी कॉलेज के पूर्व छात्र शशांक रंजन को शनिवार को कॉलेज परिसर में एक समारोह का आयोजन कर सम्मानित किया गया. करीम ट्रस्ट के डायरेक्टर डॉ मो जकारिया है. इसके बाद उसका कैंपस विप्रो में हुआ था. वहां नौकरी के बाद उसने वेल्लोर इंस्टीट्यूट ऑफ टेक्नोलॉजी में एमसीए की पढ़ाई की. इसके बाद शशांक का चयन 16 दिसंबर 2019 को माइक्रोसॉफ्ट के लिए किया गया. इस सफलता से कॉलेज प्रबंधन में





Felicitation Ceremony of Ex Student Computer Applications





Induction Meeting -The Induction meeting was organized on 30th July, 2019 for the newly admitted students of BCA in College Auditorium.

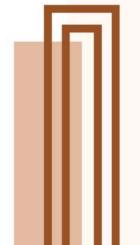
करीम सिटी में टेक्नोलॉजी पर सेमिनार का आयोजन



जमशेदपुर. करीम सिटी कॉलेज में रीसेंट ट्रेंड इन कंप्यूटर टेक्नोलॉजी 2020 का आयोजन किया गया. आरवीएस इंजीनियरिंग कॉलेज एंड टेक्नोलॉजी के सहयोग से आयोजित इस सेमिनार में कंप्यूटर एप्लीकेशन, आइटी, मैथ, फिजिक्स व केमेस्ट्री के विद्यार्थियों ने हिस्सा लिया. धीरज कुमार ने आर्टिफिशियल इंटेलीजेंस से जुड़ी बातें बतायी. कहा कि मौजूदा दौर आर्टिफिशियल इंटेलीजेंस का है. इसके इस्तेमाल से उद्योग जगत में काम में परफेक्शन आती है. करीम सिटी कॉलेज के प्रिंसिपल डॉ मो रेयाज, को ऑर्डिनेटर डॉ अनवर सहाब, नुरूस सहाब समेत कई अन्य ने संबोधित किया.

Seminar- "Recent Trend in Computer Technology 2020"

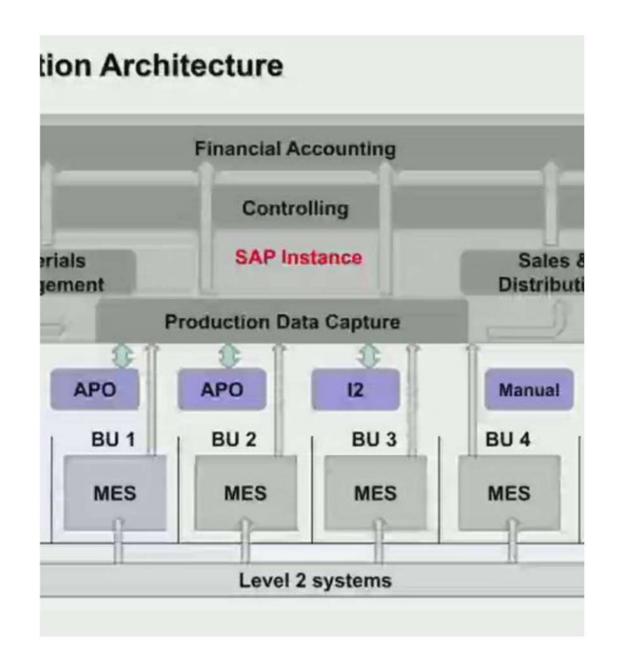


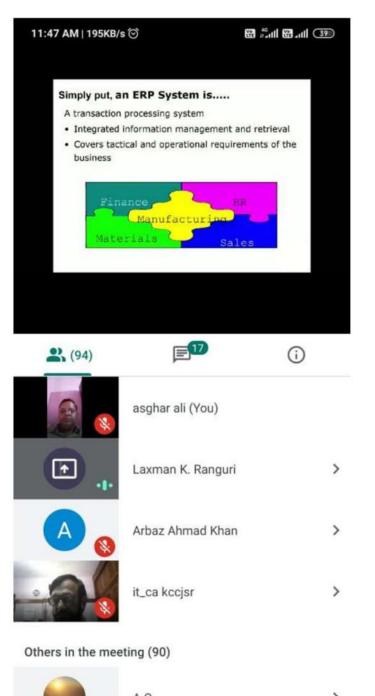


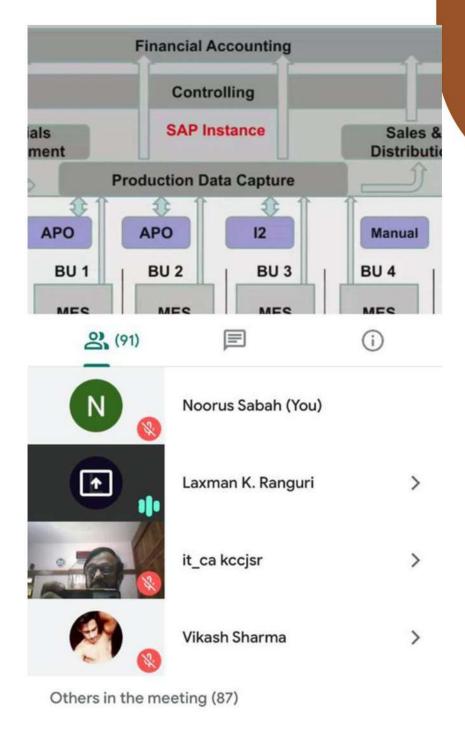


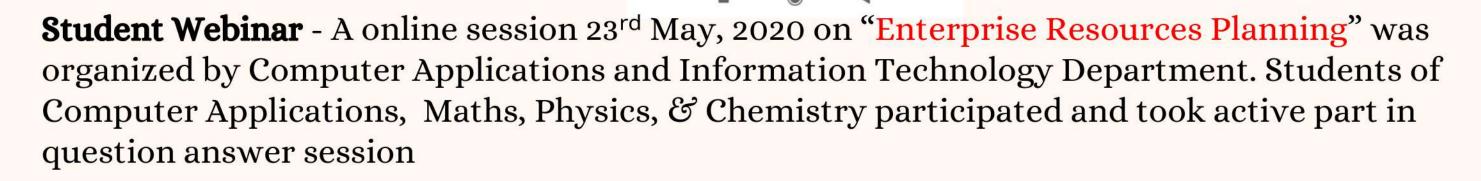


ACTIVITIES(2019-2020)















PPT Competition-The
Department of CA Organized
Power Point presentation
Competition on 20th March 2021

An online Induction MeetingThe Principal of the college,
Dr. Mohammad Reyaz
welcomed students as the new
members of Karim City
College family









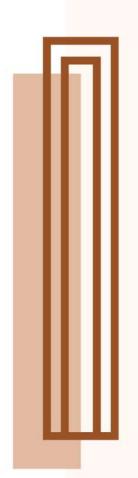


Faculty Development

Program-The topic is "Gmail and Google drive" scheduled on 27 May 2021 at 3.00 pm.

Respected Dr. Anwar Shahab,
CA and IT Department
coordinator, praised the
College for online teaching
during lockdown. He also
outlined the College's setup
and technology-based
strategies for POST COVID
teaching and learning.













PARENT TEACHER MEETING-

The Parent teachers meeting for first year students of BCA for the academic session 2021-2024 was organized by department of Computer Applications on 9th March, 2022.

Induction Meeting -The Induction meeting was organized on 22th Sept, 2021 for the newly admitted students of BCA in College Auditorium.









CHHAYA IT SERVICES PRIVATE LTD -

The Department of CA and IT has organized Placement Cell Drive for 5th Semester BCA and IT students on 31st March 2022 and 2nd April 2022.









Induction Meeting -The Induction meeting was organized on 19Sept, 2022

for the newly admitted students of B.C.A 2022-2026 Batch in College Auditorium.

INDUCTION MEETING FOR THE NEWLY ADMITTED STUDENTS ATTENDED BY PARENTS AND STUDENTS OF BATCH 2022-2026











Campus selection organized by American company in Karim City College, 7 students were selected today Campus for BCA and BSC-IT students by **American Consultant Company (Data Consultant Corporation)** in Karim City College The selection was organized. On behalf of the company, Company Director **Mr. Azfar Shahab** and **Sr. HR Somaditya Ghosh** participated in the placement drive for the selection of the students.





ACTIVITIES(2022-2023)

SLIDE PRESENTATION COMPETITION





A Slide Presentation Competition (Technical) on Generations of Computer and Generations of programming languages was organized by department of Information Technology at Karim City College on **16**th **May 2023**.





FACULTY ACHIEVEMENTS

Faculty Development Program on Gmail and Google Drive Organized by the Department of Computer Applications and Information Technology from 27th May to 29th May 2021.



Mohammad Asghar Ali (Speaker)



Noorus Sabah (Speaker)

- 1. Online Training Programme on Academic Leadership organized by CALAM (28th Jan 2021 to 3rd Feb 2021)
- 2. Online National Level Short Term Course(STC) on Graphics Design(26th to 31thmay 2021)
- 3. National Level Online Comprehensive Workshop on Google Classroom(28th&29th june 2021)
- 4. One week FDP webinar on digital skills for smart teaching(14th to 19th june 2021)

FACULTY ACHIEVEMENTS

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



Mohammad Asghar Ali



Noorus Sabah

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



Noorus Sabah

FACULTY ACHIEVEMENTS

- 1." Evaluation Of Methods And Procedure Of Software Developed Process Models" Journal Of East China University Of Science And Technology, ISSN: 1006-3080, Volume. 65,Issue 4, Page 490-495, 2022.
- 2. "Understanding *Why* In Software Procedure Modelling, Analysis, And Design" Journal Of Northeastern University, ISSN: 1005-3026 Volume. 25, Issue 4, Page 3504-3521, 2022.
- 3. "A Systematic Approach for Categorizing Different Roles in Software Engineering Process Models" International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 11 Issue: 4 Article Received: 25 January 2023 Revised: 12 February 2023 Accepted: 30 March 2023.



Mohammad Asghar Ali

FACULTY ACHIEVEMENTS (Mohammad Asghar Ali)







UGC Malaviya Mission Teacher Training Centre (MMTTC)
Aligarh Muslim University, Aligarh

CERTIFICATE OF PARTICIPATION
NEP (2020) Orientation & Sensitization Programme

This is to certify that MR. MOHAMMAD ASGHAR ALI, Assistant Professor, Karim City College, Sakchi, Jamshedpur (Jharkhand), Kolhan University, West Singhbhum has completed the NEP 2020: Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by the UGC Malaviya Mission Teacher Training Centre, Aligarh Muslim University, Aligarh from 18th December 2024 to 27th December 2024 and obtained Grade - 'A+'.

(Course Coordinator)

(Director)





IASRD CONFERENCES

VIRTUAL CONFERENCE

National Conference on

Advanced Research in Science, Engineering and Technology (NCARSET – 2020)

Certificate No: NCARSET /2020/C1220934

CERTIFICATE

This is to Certify that MD. Asghar Ali, Research Scholar, Ph.D. in Computer Application,

Dr. A.P.J. Abdul Kalam University, Indore, M.P.

has presented a paper on A Greneralized Model Transformation Approach to Link Design

Model to Network Simulators - NS-3 case Study

at National Conference on Advanced Research in Science, Engineering and Technology (NCARSET – 2020) organized by the Indian Association of Scientific Research and Development (IASRD) on 27th December, 2020

Nawkur. K Dr. Naveen Kumar. K Organizing Secretary



Kouith K Dr. K. Kavitha

IAIR CONFERENCES

VIRTUAL CONFERENCE

National Conference on ENGINEERING, TECHNOLOGIES AND APPLICATIONS (NCETA – 2020)

Certificate No: NCETA /2020/C0820 420

CERTIFICATE

This is to Certify that MD. As ghar Ali, Research scholar, Ph. D in Computer Application.

Dr.A.P. J Abdul Kalam University, Indore, M.P.

has presented a paper on Study and Analysis of the Software Engineering Process

Models to Obtain a Generalized Model.

at National Conference on Engineering, Technologies and Applications (NCETA -2020) organized by the Indian Association of Institutional Research(IAIR) on 30^{th} August, 2020

Dr. B. Radhakrishna
Organizing Secretary



Dr.G. Ramamurthy
Convener

ONE WEEK FDP WEBINAR ON DIGITAL SKILLS FOR SMART TEACHING



INTERNAL QUALITY ASSURANCE CELL (IQAC)
DON BOSCO COLLEGE (AUTONOMOUS), MARAM - MANIPUR

(AFFILIATED TO MANIPUR UNIVERSITY) FOUNDED 2000
ACCREDITED BY NAAC (2CYCLE) WITH CGPA OF 3.35/4 AT 'A' GRADE

FDP ID: 21FDP174 CERTIF

CERTIFICATE OF PARTICIPATION

Mohammad Asghar Ali Assistant Professor

Karim City College, Jamshedpur, Jharkhand

has successfully completed ONE WEEK FDP WEBINAR ON DIGITAL SKILLS FOR SMART TEACHING with 74% score conducted from 14-6-2021 to 19-6-2021

by Internal Quality Assurance Cell (IQAC),

Don Bosco College (Autonomous), Maram - Manipur.



Mr. BIJOY KR BASUMATORY
IQAC Coordinator

Dr. Fr. SEBASTIAN KO

FACULTY ACHIEVEMENTS (Noorus Sabah)





INDIRA GANDHI NATIONAL OPEN UNIVERSITY

Staff Training and Research Institute of Distance Education

New Delhi 110068 Control No.:223018019S

UGC-Approved Short-Term Professional Development Programme

Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching

This is to certify that

NOORUS SABAH

Karim City College

participated in and successfully completed the

Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers'

held from December 21-31, 2022

and obtained 'A' Grade

Uma Kanjilas

Prof. Uma Kanjilal Pro-Vice Chancellor

Indira Gandhi National Open Unive

Cm ni2

Prof. Santosh Panda
Director, STRIDE &
Coordinator of NEP-PDP Committee,
Indira Gandhi National Open University

New Delhi Date of Issue:January 07, 2023





STUDENT ACHIEVEMENTS

UDGHOSH 2019 ORGAINSED BY 2/37 JH BN NCC ,Karim City College

Roll No.	Name	Class	Prize	
CACOM18045	SOMENDHU ROY	BCA SEM 1	2nd	
CACOM18030	RAJ SINGH	BCA SEM 1	3rd	
CACOM18011	ABHINAV SHARMA	BCA SEM 1	3rd	
CACOM18056	AMIT KUMAR	BCA SEM 1	3rd	
CACOM18005	RAVI SINGH	BCA SEM 1	3rd	



STUDENT ACHIEVEMENTS

COMMUNAL HARMONY 2019

Roll No.	Name	Class	Event	Prize
CACOM19038	PRIYANKA SHARMA	BCA SEM 1	DUET DANCE	2nd
CACOM18012	SWEETY TANTUBAI	BCA SEM 2	SLOGAN	2nd
CACOM18025	NIKHIL KANTI	BCA SEM 2	SLOGAN	2nd
CACOM18046	KISHAN KUMAR	BCA SEM 2	GROUP SINGING	2nd



PLACEMENT DETAILS (2019-2020)

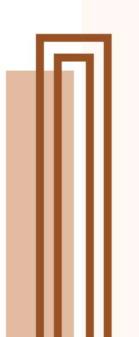
S.No	Name	Class	Prize
1	CHANDSHEKHAR MAITY	ВСА	TCS
2	BALNEET KAUR	BCA	WIPRO
3	RAHUL BARNWAL	BCA	WIPRO
4	CHITARANJAN MAHATO	ВСА	WIPRO
5	RAHUL RAJ	BCA	WIPRO
6	ANKIT KUMAR	BCA	WIPRO
7	SHUBHADEEP MITRA	BCA	WIPRO
8	HARSHA KUMARI	BCA	TCS
9	DHANANJAY SAHU	BCA	TCS
10	CHIMNAY DAS	BCA	TCS
11	SIDHANT PODDAR	BCA	TCS



PLACEMENT DETAILS (2022-2023)

S.No	Name	Class	Prize
1	SUPRIYA KUMARI	BCA	WIPRO
2	ZIYAUL HAQUE	BCA	WIPRO
3	SHUBHAM KUMAR	BCA	WIPRO
4	ARYAN RAJ	BCA	WIPRO
5	SHRUTI KUMARI	BCA	WIPRO
6	ADARSH SHARMA	BCA	CAPEGEMINI





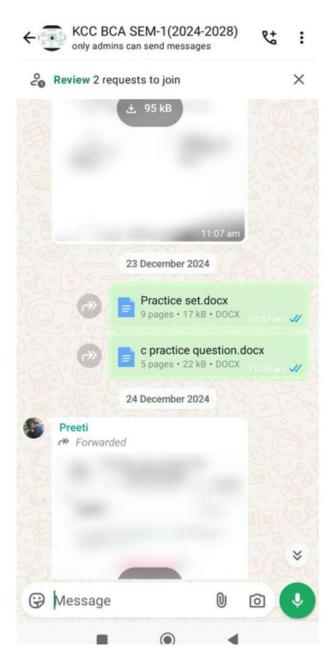


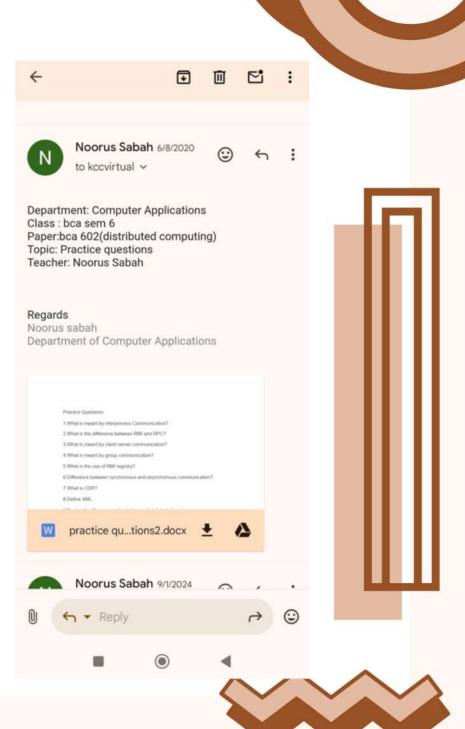


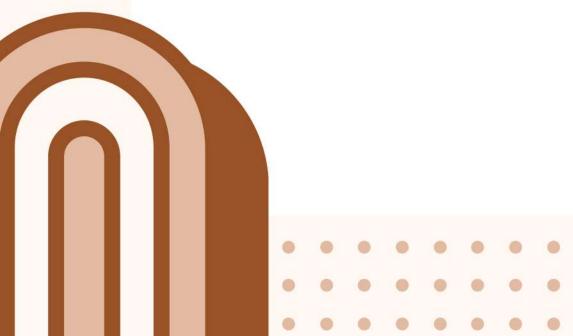
BEST PRACTICES

- Doubt Classes
- Holiday Assignments
- Practice Question-Sets





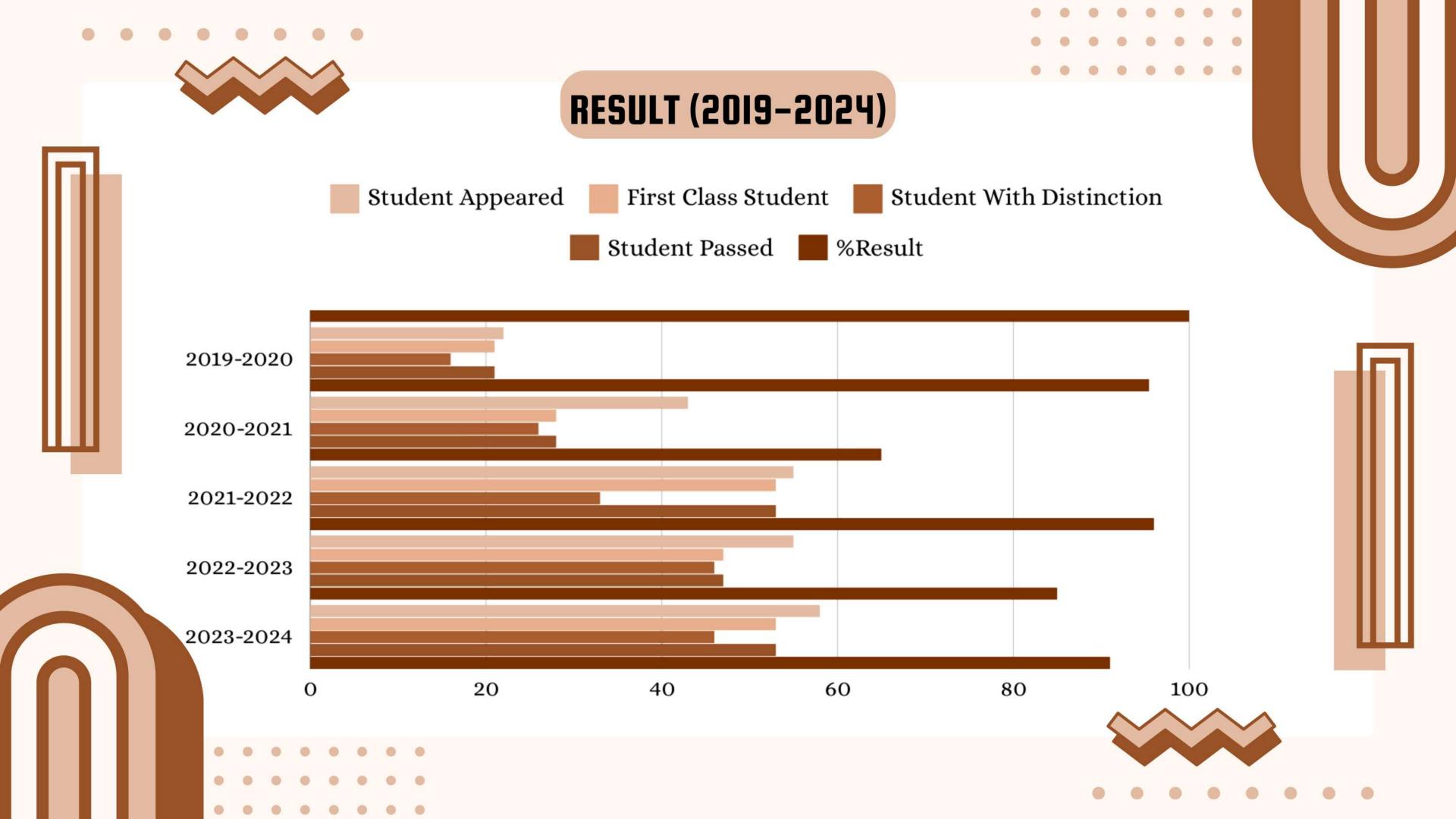






Results at a glance(2019-2024)

Session	No Of Students Appeared	No Of Students Passed	No Of Students First Class With Distinction	No Of Students First Class	Percentage of Result
2023-2024	58	53	46	53	91.37%
2022-2023	55	47	46	47	85.45%
2021-2022	55	53	33	53	96.36%
2020-2021	43	38	26	38	87.68%
2019-2020	22	21	16	21	95.45%





SWOC ANALYSIS

Strengths:

- Experienced and dedicated teaching faculty with good retention ratio.
- Laboratories modern software tools.
- Effective use of ICT in teaching learning process.
- Student centric functioning with mentoring, counseling through teachers and Effective academic monitoring.
- Excellent administrative support

Weaknesses:

- No Postgraduate programme (*MCA* or *MSc.IT*)
- Need to involve more graduate students in research
- Less Industry Institute interaction.
- Moderate Placement ratio.
- Less student pursuing higher education.
- Involvement of Alumni at Institute level is less.
- Not many strong publications.
- Few internal seminars and special presentations.



OPPOURTUNITIES:

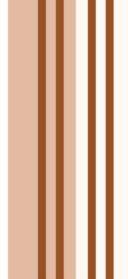
- Student can pursue higher education like MCA, Msc.IT, MBA etc
- Scope for multi-disciplinary projects through NEP 2020 policy.

CHALLENGES:

- Strengthen Industry-Institute Interaction.
- More placements in core companies.
- Encouraging students for competitive examinations and higher studies.
- Networking and strengthening relationship with stakeholders.
- More focus on Industrial training for faculty and students.
- Delay of Academic session as exams are not conducted timely by the university.

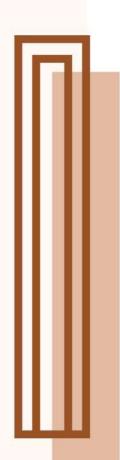








FUTURE PLAN



- Curriculum Update Integrate emerging technologies like AI and Blockchain.
- Industry Partnerships Collaborate with tech companies for internships and projects.
- **Skill Development** Offer certifications and training in key IT skills.
- **Research Initiatives** Promote student involvement in tech innovation and research.
- Career Support Strengthen placement drives and alumni networks.



