1) From The HOD's Desk



"It is a pleasure to head the Department of IT and B.Voc. in Software Development. The department with its state of art facilities and highly qualified faculty works with the objective of addressing critical challenges faced by the industry, society and the academia. Perhaps even more important is our unceasing commitment to our students, helping them to learn, grow, develop, and achieve their goals in their pursuit to excel in their professional career. The Department of IT and B.Voc. in Software Development has recorded

consistent improvement in its academic,

research and placement performance. We offer a range of innovatively designed programs whose curricula are constantly updated to meet the changing requirements of the industry and also to meet the needs of major stakeholders. Through an innovative teaching-learning process, a teamwork approach and leadership building experience, our students gain vital communication and critical —thinking skills. We believe that our students have been well accepted in their job profiles and have consistently exceeded expectations of the corporate world.

During study at the department, the students are encouraged to get hands-on experience in the corporate world through internship projects with reputed organizations. In their curriculum they are encouraged to take up mini projects and assignments to supplement theoretical knowledge with practical experience. We also encourage students to organise events such as Cyber strike (Intercollegiate Tech Fest) and also get involved in activities of social relevance.

With this brief introduction, I welcome you to be a part of our journey towards being a world class centre of excellence in education, training and research."

Message about the department:

- Since the entire world is upscaling with technology it has been a need of an hour to deliver good knowledge to the aspiring I.T professionals. To ensure that the graduates of higher education system have adequate knowledge and skills for employment and entrepreneurship. Hence, the department of B.Sc(I.T), was established in 2013, and strives to shape computer professionals of the future.
 - Inorder to keep the course updated and provide complete knowledge regarding the various courses offered during the journey of becoming IT professionals of the future we have a faculty strength of 8 faculties.
- The course is designed to keep the students updated with all the emerging technologies out of 10+2 with Mathematics.

Key activities:

- Every year, the students of First Year are given an ORIENTATION at the start of their Degree College. Every year the College felicitates the students who have graduated during GRADUATION CEREMONY.
- For the holistic development of students, various curricular activities are conducted like

Presentation, Group discussion, Case study sessions, Seminars, Workshops, Projects. • Co-curricular enrichment programs are conducted on Internships, Industrial visits, Team building activities, Guest Lectures, etc.

• Inorder to develop an aptitude for research we encourage students to participate in Avishkar Research Convention (Annual Inter Collegiate Event), Xplore (Annual Science exhibition), Discussion club.

Internship and Placement cell:

- The prestigious placement cell of the department was established to place our fresh graduates into organizations and companies worth their caliber. Companies like TCS, Wipro, Schbang, Tetra soft labs, etc. have offered PLACEMENTS for our students time-to-time.
- It hosts seminars and workshops on various topics such as alumni pre-placement talk, CV writing and verbal skill enhancement.
- The placement cell also guides students with various study resources to build their technical aptitude skill.

Discussion Club:

- The Department promotes Research activities amongst the Students and Faculties under the roof of Discussion Club which was initiated in the year 2018.
- In Discussion Club we encourage the students to perform research activities with the help of Guest Lectures by eminent personalities in the area of research domain. We guide the students to identify the different domains of research, tools required to write scholarly articles, and research ethics, procedure to present or publish the articles.

Dot Com Club:

- The **DOT COM CLUB** being the official club of the IT and BVoc(SD) department, is an entity "of the students, for the students and by the students".
- "CYBERSTRIKE" is the department's annual event which consists of workshops such as drone making, competitive activities such as debate and quiz and other gaming competitions like Counter Strike, FIFA etc.
- The event also consists of seminars on the latest trends and innovations in the IT industry.

USP of the course:

Our program is tailored to prepare the students professionally to face the challenges of the rapidly evolving area of IT

Enriching Research Skill by participating through Avishkar and Xplore Recognizing Different learning styles and Mentoring them accordingly Giving Higher Education opportunities through Foreign Collaborations Providing Experiential Learning through Internship Providing Experiential Learning through Internship Latest Industry Standards mapped through Additional Certificate Courses

2) Faculty details:

- I. Passport size photo: (Dimensions 200 x 230 pixels (preferred), Size of file should be between 20kb-50 kb) jpeg format
- II. Name:
- III. Designation
- IV. Qualification
- V. Specialization

VI. Experience in years

VII. E-mail Id

Name of the Faculty	Desig nat ion	Qualifi catio n	Exper Specialization ience (Year s)	Email	Passport size photo (Dimension 200 x 230 pixel)
Mr. B. Wilson Rao	Co-or din ator	MSc- IT , M.Com	20 E-Commerce & Internet Security, Java Programming, Enterprise Jakarta, Cloud Computing, Big Data Analytics	wilson.rao@jaihi nd college.edu.in	
Ms. Sunita Jena	Assist ant Profes so r	MSc-IT	Networking, .Net Programming, Android Programming, Electronics, Web Programming, Software Engineering, Artificial intelligence, Python Programming	sunita.jena@jai hin dcollege.edu.in	

Ms. Tejashree Parab	Assist ant Profes so r	MSc- IT , NET	9 Machine learning, Artificial intelligence, Applied Mathematics, Logic & Discrete Mathematics, Statistical techniques, Oracle, LINUX, Software testing	priti.shelar@jaih in dcollege.edu.in	
Ms. Shruti Shah	Assist ant Profes so r	MSc-IT 7	Programming, Computer Graphics, Data structures, IoT, Big Data analytics	shruti.shah@jai hin dcollege.edu.in	
Ms. Fatima Shaikh	Assist ant Profes so r	MSc-IT (Discrete and Applied Mathematics, Programming and web development, Android	fatima.shaikh@j aih indcollege.edu.in	

			Programming, Data analysis		
Ms. Aafreen Shaikh	Assist ant Profes so r	MSc IT	2.5 Web Technologies , Statistics,Networki ng and Security,Python Programming,Proje ct Management , Unity	aafreen.shaikh@ jai hindcollege.edu.i n	

Ms. Heena ShaikhSET r Programming. Assistant Professo5 Computer ating System, Web heena.shaikh@jai

r Networks, Web Technologies, C hi

MSc IT NET Technologies,Ope and C++ ndcollege.edu.in

Shraddhadevi Singh management shraddha.singh@jai Assistant Professo r system, hindcollege.edu.in

MSc IT 2.5 GreenOptimization computing, Cybertechniques, Python forensics, programming, Web Database Programming

3) Courses offered

Sr.No	Course name diploma/certificate Aided/Self financed
SEM-I	1. Fundamentals of certificate Self financed Programming with C and C++ 2. Computer Organisation & Architecture 3. Web Programming 4. Discrete Mathematics 5. Communication Skills
SEM-II	1. Python certificate Self financed

SEM-III	1. Advanced certificateSelffinanced Python Programming 2. AppliedData structuresand Algorithms 3. Computer Networks 4. Databasesand Transactions 5. CoreJavawith JSP
SEM-IV	1NET certificateSelffinanced Technologies 2. Embedded Systems 3. Computer Oriented Numericaland Statistical Techniques 4. Software Methodologies andmanagement 5. Advanced Networksand Security
SEM-V	1. TheoryOf certificateSelffinanced

SEM-VI 1. IT Infrastructure Management 6. Project Dissertation and 2. Cloud Implementation

Computing and

Devops

3. AI and Soft 4) Supporting Staff: Computing Name and designation Self financed

4. Big Data with

NoSQL

5. Cybersecurity and forensics

certificate

Name	Designation
Ratnakar Narayan Panhalekar	Lab Assistant
Sunil Utekar	Lab Attendant
Sushant Choudhari	Lab Attendant
Sadashiv Khatkar	Lab Attendant
Rupesh Solanki	Lab Attendant

5) Society/cell under department – brief write up with photograph – 1 only – year wise data

Internship and Placement cell:

The prestigious placement cell of the department was established to place our fresh graduates into organizations and companies worth their caliber. Companies like TCS, Wipro, Schbang, Tetra soft labs, Eclinical works etc. have offered PLACEMENTS for our students time-to-time.

It not only aims at placing the Third Year's but also strives to work towards helping our FY's and SY'S get internships and training programmes to mold them into the IT professionals of the future. Students have been selected for internships in companies like HDFC Life, Fortis, D fine solution, cybersmith secure etc. Based on the performance and successful completion of the

internship, our students have received pre-placement offers and have been placed in those companies.

It hosts seminars and workshops on various topics such as alumni pre-placement talk, CV writing and verbal skill enhancement.

The placement cell also guides students with various study resources to build their technical aptitude skill.



Placement

Year	Number of Students
	21
	3

Company Package(LPA)

Larsen & Tubro Infotech ^{2.5} Ernst and young ^{3.5}

	5	2022-23	6	
	21		12	
	15			
2019-20	26	Internship		
	5	Wipro ^{1.9} Capge	emini ^{1.9} TCS 1.8	
	1	Infosys 2.2 Larsen & Tubro		
	12		ro ^{1.85} Capgemini	
	50	2.5 TCS 1.93 Ernest & Youn LTI 2.6 Wipro 2.2 TCS 1.9		
2020-21	3			
	23	•	ICS ARK	
	12	Technologies ^{2.1}		
	11	Fidelity Informat	ion	
	1	Services 3.03		
	3	Datamatics ^{2.9}		
	1	Deloitte 10 students with package of 3.82 1 3.82		
2021-22	10	Wipro 1.85	HDFC Life 5	
	7	_	LTI 3.1 Cognizant	
	8	2.52		
	8	Mobileware Tech Ltd 2.54 Del		
	9	Mindtree 3.14		
	14			
	2			





Congratulations

UAT INTERN

Year	Class	Number of Students Company Role	Duration
2019-20	SY.Bsc.IT	CodeSpeedy Software Technology Pvt Development and Ltd. Technical Content Intern 1	6th March 2020-28th June 2020
	SY.Bsc.IT	Genesis Colors Graphic Designer and branding intern	1st Sept 2019 to 1st Feb 2020
2020-21	TY.Bsc.IT	Dynamic Trio Ecommerce mobile application project using react native 1 spaces and between digital marketing/social media client 1 development	7 th December 2020 - 7 th march 2021 18 th February 2021- 05 th March 2021

Genesis Pharma Web Development	15 th June
1	2020- 14 th

SY.Bsc.IT		August 2020
	Qip Media Video Editing 1	15 th January 2020 – 15 th March 2020
	Win Over Cancer Research on Social Media	28 th July 2020 – 2 nd September 2020
	Crownlandbow Web Development 1	1 st September 2020- 31 st October 2020
	Socially Souled Social Media Management/Graphi 1 c designing. CodeSpeedy Software Technology Pvt. Ltd Development and Technical Content 1 Writing Intern	14 th Oct 2020 - 14 th Jan 2021 April 2020 - June 2020
	Godrej Godrej Beta Testing 143 Techkirtii IIT Data Science	2020 – 31 st Jan, 2021 1st April 2021 – 30 th June 2021
	IIT Bombay Web Development	7 th February 2021 - 9 th March 2021
	Keyman Capital Graphics Designer Pvt Ltd	1 st October 2020 – 30 th May 2021

	1	
	BasketHunt Pvt Ltd Web Development	9 th May 2021 – 20 th June 2021
TYIT	Learnovate Web Developer Ecommerce.Pvt.Ltd 2	14th June 14th July 2021
	Alphaspec Software Engineer Consulting	1st June 15th July 2021
	BODH Gems and Web Developer 1 Crystals	17th May-23rd

		Aug2021
	YMGradLEARNOVATE ECOMMERCE 1	19th July-19th Aug2021
	KeymanCapitalYMGrad	19thAug- 30thApril 2022
	TheSparks KeymanCapital Foundation 1	1stSept 2021-28th Feb2022
	MilestoneNGOTheSparks Foundation	1stJuly 2021-30th Aug2021
	1stoptechnologies MilestoneNGO partneredwith	15thJun 2021-14th Sept2021
	PlotMyData Aashman GraphicsDesigner Foundation	1stJune2 1- 30thSept 2021 15thJuly-

		SamagraNGOWebDeveloper 1	20 Aug2021
2022-23		Smartknower. Project(Machine Learning)	1stjune 2021-31s t Aug2021
		Cyber Smith Cyber Security Secure Trainee 3	1st Sept 2021-14th Feb 2022
	SYIT	CyberSmith CyberSecurity Secure Trainee 6	1stSept 2021-14th Feb2022
		PeacockSolarGraphicsDesigner 1	1stJune 21-30thSe pt 2021
		Tikanga.inContentWriting 1	1stJune 21-30thSe pt 2021
		Aashman GraphicsDesigner Foundation 9	1stJune 2021-Sept 2021
	TYIT	5HDFCLife	

Discussion Club: The Department of MSc Big Data Analytics, along with BSc. IT and BVoc. SD promotes the Research activities amongst the Students and Faculties under the roof of Discussion Club which was initiated in the year 2018.

In Discussion Club we encourage the students to perform research activities with the help of Guest Lectures/ Webinars by eminent personalities in the area of research domain.

We guide the students to identify the different domains of research, tools required to write scholarly articles, and research ethics, procedure to present or publish the articles.

Every year students of MSc Big Data Analytics, BSc IT and BVoc SD have presented and published the papers in National and UGC CARE Listed Journals in the domain of Machine Learning, Cloud Computing, Cyber Security, Networking and Artificial Intelligence.

Year	Events	
2019-20	Mr. Krish Nair, student of BSc IT has presented A literature Survey on "Challenges in Cyber Security" in "Two Days International E-Conference on Advances in Information Technology,Business Management and e-commerce" organised by The Quaide Milleth College for Men.	
2021-22	Guest Lectures: -"Research Paper Writing Skills" by Ms. Krishnachalitha KC -"Research Proposal, Paper Writing" by Ms. Rupali Sawant -"Research Ethics" by Dr. Vidhi Agrawal	
	Mr. Vikas Ambekar, Mr. Sarvesh Ghag, student of BSc. IT participated in Multidisciplinary E- Conference, presented paper on "Role of Cloud Computingin Business World for Surviving Pandemic" which got published in IJAIR journal.	
	Mr. Vedant Gupta, student of BSc. IT participated in Multidisciplinary E Conference, presented paper on "Cyber Attacks During Pandemic" which got published in IJAIR journal	
	Mr. Om Kshirsagar, Mr. Aman Maurya student of BSc. IT under the guidance of Ms. Fatima Shaikh, "participated in Multidisciplinary International E Conference, presented paper on "Alpha participated in Multidisciplinary International E-Conference, presented paper on "Alpha Zero Vs Stockfish - A Review of Chess Engines" which got published in UGC Care journal "Zero Vs Stockfish - A Review of Chess Engines" which got published in UGC Care journal	
2022-23	Mr. Krutik Maru, Mr. Yash Chaubey, students of Bsc IT participated in International Conference on "Leveraging Technology for Creating Competitive Advantage" and presented the paper on "Apple Neural Engine Accelerating AI/ML".	

DOT COM CLUB:

The **DOT COM CLUB** being the official club of the IT and BVoc(SD) department, is an entity "of the students, for the students and by the students". "**CYBERSTRIKE**" is the department's annual event which consists of workshops such as drone making, competitive activities such as HACKATHON, debate and quiz and other gaming competitions like PUBG, Counter Strike, FIFA etc. The event also consists of seminars on the latest trends and innovations in the IT industry. The team of Dot Com Club also organizes **Teachers Day** celebration, **Christmas** party, etc.



Year	Events
2018-19	2 Days Intercollegiate Technical Festival "Cyber Strike" on 5th and 6th December 2018
	Tech Talk on Cyber Security by Mr. Brijesh Singh (Head of Maharashtra Cyber Cell) on 5th December 2018
	Technovators session by Ms. Janvi (Founder of Blee Tech Innovations) on 5th December 2018
	Drone Making Workshop (Certification from IIT Bombay) on 5th and 6th December 2018
2019-20	Seminar was conducted on "Cyber Security"
	E-Waste drive of 4 days was organized.
	Cyberstrike 2019 - 2020 was held
	Christmas Party was organized in December. Conducted an intercollegiate virtual technical event Cyberstrike on 20th and 21st February of 2021.
	Conducted a virtual Treasure Hunt on 29th December 2021.

	"Current Trends and Technology" a 3 day webinar series was conducted from 10th-12th June 2020 -Day 1: Getting started with Cloud and WordPress by Mr. Rajendra Zore founder of Host My BlogDay 2: Machine Learning by Dr. Pooja Raundale Prof. and Head, MCA Department, SP College, MumbaiDay 3: Digital Hygiene: Online Profile Management and Cyber threats by Mr. Sohrab Vakharia, Founder at wise Monkeys.
2021-22	"Cybersecurity - Think Before You Click" a 3 day webinar series was conducted from 16th-18th September 2021 -Day 1: Having adult movies on your phone/whatsapp? Risks, remedies and laws; Workshop on cyber security tools and awareness sessionDay 2: The internet: half glass full or empty? And the cybersecurity issues that come with itDay 3: Dark Side of Social Media & Criminal Investigation.
2022-23	Pre Promotional Event of Cyberstrike on 6th January 2023
	Graphics Workshop by Ex students (Kainat Chaudhary and Sivaottam) on 6th January 2023
	Cyberstrike 2022 - 2023 on 27th and 28th January 2023
	E-Waste drive of 2 days was organized.
	Artificial Intelligence Seminar by Aditya Phadnis (UX Stretegist and Metaverse, Lead at LTIMindtree) on 14th Jaunary 2023
	AI in Corporate Seminar by Mahima Sood (Project Lead, Conversational AI at Tech Mahindra) on 25th January 2023
	Christmas Party was organized in December.
	AI in Offensive Security Seminar by Vishal Maurya (Internship at Amazon of United States of America and previously worked at Webonise Lab) on 4th February 2023

6) Student Achievement year-wise

Year	Name of the student Class Name of the Event (Academics)
2019-2020	Neel Sagar TYBScIT He has cleared IELTS
	Rita Jain TYBScIT She has cleared MHT-CET (MCA)
	Husein Gheewala TYBScIT He has cleared MHT-MBA-CET
	Mansi Chavan TYBScIT She has secured second place on

scholar list of 2019-2020

Ekta Sollet

TYBScIT

They have won an Aadarsh Mani

FYBScIT

award for highest attendance

Aradhana Mehra SYBScIT She has won an award for Principals' special prize for outstanding academic achievement and contribution to college activities

Inderpal Singh
SYBScIT They have cleared
Khalsa Nandini
Swayam exam
Kale, Weqar Fatima
(programming in
Abedi
java)

Abhay Shah SYBScIT He has won an award for Shri manoharlal k Bhatia scholarship for outstanding achievement in academics

Weqar Fatima Abedi SYBScIT She has won Punwani award in February 2020.

Insiya Lokhandwal FYBScIT She has cleared MH CET and Symbiosis

entrance exam.

Drishti Jain,
SYBScIT They have won an
Himanshi Goyal,
appreciation award
Jenika Shah,
for outstanding
Bhavika Gupta
achievement in
academics with a

focus on research in January 2020.

Prashant Gowda, SYBScIT They received Ekta Belani participation certificate for Avishkar Research.

Deeksha Bajpai SYBScIT She has won an award for Best Research project

presentation award which was conducted by Mumbai University. Also won an award for Shri Manoharlal Bhatia scholarship.

Deepak Singh SYBScIT He has won 1st prize in Xplore.

Neel Sagar TYBScIT He has participated in Avishkar

Priyanka Jaiswal FYBScIT She has secured 1st place for Dot Com Club e-waste poster competition

Ekta Belani, SYBScIT They had Prashant Gowda, participated in yoga Himanshi Goyal, conducted by Bhavika Gupta gymkhana

Sarvesh Ghag FYBScIT He has participated in National Service Scheme

Bhavik Oswal TYBScIT He has participated in table tennis

Drishti Jain SYBScIT She has participated in badminton by JITO.

Jayesh Soni, TYBScIT They have Inderpal Singh SYBScIT
participated in Khalsa, Hiralal Sport-o-mania for Suthar cricket
Daksh Mandal FYBScIT He has participated in marathon and kabbadi
Gagan Yadav FYBScIT He has participated in Disaster management event organised by Jai hind college NSS team, COD volunteer and member of promotion team,

	Joined1MAHAIR SQNNCC
2020-21	AkhilNairFYBscITWonanawardat1st positionfor Hackathon(Java)in HRcollegeInnov 2021and participatedin gamingeventsin Cyberstrikeand RCJCstrayfeeding

AzamKudiaFYBscITReceivedanawardat 2ndpositionfor Swingforsixreal cricketonlinegame tournamentby rotaractclubofJHC in2020. Also, receivedanaward forDotcomclub sponsorshipteam

TanayGiriFYBscITReceivedanawardat 1stpositionforYAS QUEEN(CHESS)by RCJCon20thJuly 2021

 $Is mail Shaikh FYBsc ITW as Debate finalist\ In Cyberstrike$

JayTikeSYBscITHasclearedanexam forproblemsolving aspectsandpython programming

GaganYadavSYBscITWasRecommended fortheawardof RakshaMantri's Padak/Raksha Mantri's CommendationCard / Raksha Rajya

Mantri's

Commendation Card

/ Defence Secretary's

Commendation Card

/ Dg Ncc

Commendation

Card. Also

participated in

Mavalankar

Shooting

competition and

Cleared NCC B

Certificate exam by

'A' Grades and

participated in EBSB

Camp organised by

NCC Maharashtra

Directorate,

Participated in Azadi

kaa amrit mahotsav

organised by !MAH

AIR SQN NCC

MUMBAI

Amisha Singh TYBscIT Cleared Wipro(WILP) on 8^{th} June 2021

Krish Nair TYBscIT Attended International

Conference in

Emerging Trends in

Information

Technology

(ICETIT) on 5th July

2020

Chirag Manuja FYBscIT Participated in KaChing festival in the month of January 2021

Vishal Tiwari FYBscIT Participated in National Cadet Corps

Faiqa Mistry FYBscIT Participated in RCJC events

Harshitha Kumble FYBscIT Participated in XPLORE on 27th Feb 2021

Nidhi Madnani SYBscIT Received an award for 1st position in XPLORE Science Exhibition on 27th February 2021

Sumita Yadav SYBscIT Received an award for 2^{nd} position in XPLORE Science Exhibition on 27^{th} February 2021

Mehak Bhatt, SYBscIT Participated in Sathyapriya XPLORE on 27th Chettiyar, Priyala Feb 2021 Tale

Sahil Vasyani, SYBscIT Participated in Aadarsh Mani Avishkar Research Convention for 2020-21

Sarvesh Ghag SYBscIT Participated in National Service Scheme (2020-2021) and in Youth Championship -U-20 (Feb - March 2021)

Sivottam Swamy TYBscIT Was the graphics Head for Dot Com

Club - Year 2020-21. Also participated in XPLORE on 27 th Feb 2021
Wegar Fatima TYBscIT Participated in XPLORE on 27 th Feb 2021

8) ELIGIBILITY REQUIREMENTS (if applicable)

A candidate for being eligible for admission to the degree course of Bachelor of Science-Information Technology, shall have passed XII standard examination or its equivalent with Mathematics and Statistics as one of the subject

9) Addendum -

Name	Designation	Qualification Date of Years of resignation Experience	Research activities
Ms. Bertilla Fernandes	Assistant Professor	MCA Dec 2022 10	
Ms. Indu Kumar	Assistant Professor	MSc IT APRIL 2019	
Ms. Gandhalee Manohar	Assistant Professor	MSc CS August 2019	

Ms. Assistant Professor Ummehani Saiyed MSc IT **JAN 2020**

Ms. Diksha Wakode	Assistant Professor	MSc CS AUG 2022	
Ms. Krishna	Assistant Professor	MSc IT APRIL 2020	