



**DHANRAJ BAID JAIN COLLEGE  
(AUTONOMOUS)  
Thoraipakkam, Chennai - 600 097**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

# **ANNUAL REPORT**

## **2021-22**



**PG & Research Department of Computer Science  
Dhanraj Baid Jain College (Autonomous)  
Chennai - 600097**

## ABSTRACT

<b>Department Activities</b>
Department Academic Activities during Covid -19 Pandemic
Induction Program for First Year Students
Seminars/ Workshops organized for students – Associated with IQAC
Intra Departmental Activities
Remedial Classes
<b>Faculty Achievements</b>
Faculty Attended Programmes (In-house & Outside)
Online Certificate Courses Attended by the faculties
Papers/Journals/Books Published by the faculties
<b>Students Admission</b>
<b>Students Achievements</b>
<b>Best Practices of the Department</b>
<b>Academic Results</b>
<b>Stakeholder Feedback Report</b>
<b>Future Plans of the Department</b>

## About the Department of PG & Research Department of Computer Science

The Department was established during the year 1992-93 with B.Sc Computer Science, BCA from the Academic Year 2000-01. During the year 2005-06 MSC(IT) were started and MPhil in Computer Science were added from the year 2015-16. An Another PG degree MSc Computer Science were started from the year 2018-19.

The Department is known for facilitating the quality education to the highest and conducting various curricular and extra-curricular activities to make students excel in every field of study, through...

- Syllabus meets Industry Expectations
- Induction & Remedial Courses
- Experiential Learning
- Bridge courses
- Seminars and Guest Lectures
- Faculty Development Programs
- Students Participation in Inter Departmental and Inter Collegiate Competitions
- Best Placement Training & Guidance team
- Revised Curriculum which meets Industry Expectations for both UG & PG Courses with papers like Python Programming, PHP, Cloud Computing
- The department is equipped with well qualified and experienced teaching staff and supporting staff, computing lab with 250 workstations and Three servers with all the required software and peripherals.
- The Department of Computer Science and Department of Placement acts as a connecting hub for the company and the students who want to serve in industry. It mainly focuses on the activities that enhances our student's employability and career development.
- Qualified and Dedicated faculty members with Ph.D/NET/SLET
- ICT Enabled Teaching

## **Department Academic Activities during Covid -19 Pandemic(2021-2022)**

- 02/08/2021 Online Classes for the Academic Year 2021 -2022 Commences for all UG II Year and III Year, PG Students as per government guidelines,
- From 09/08/2021 Even Semester (2021-2022) Online Classes taken from College Campus
- Computer Science Department - PhD Research Committee Inspection Visit on 28/9/2021
- Offline Classes resumes from September 2021 for all UG and PG Students as per government guidelines
- Conducted Induction Programme & Overview of College for I BSc Computer Science & I BCA Students in YouTube Live Session on 4/10/2021
- Conducted Induction Programme About the Department, Lab and Library College for I BSc Computer Science & I BCA Students in YouTube Live Session on 5/10/2021
- Scope of BSc Computer Science and BCA for I BSc Computer Science & I BCA Students in YouTube Live Session on 6/10/2021
- ULLAS – DBJain College Students Orientation Session for I BSc Computer Science & I BCA Students in YouTube Live Session on 7/10/2021
- ULLAS Can Do -Value Education Motivational Speech for ULLAS Can Do -Value Education Motivational Speech 8/10/2021
- Webinar on Machine Learning Methods and Applications for all UG and PG Students on 11/10/2021
- Conducted Webinar on “Value of Education in our life” for our Computer Science Department Students and the Motivational Speaker is
- Dr. A. Narmadha, Head, Department of Management Studies, DBJain College, Chennai invited as Motivational Speaker ,she deliver speech on “Value of Education in our life” for our Computer Science Department Students
- PG & Research Department Academic Audit conducted on 2/12/2021 and the External Academic Audit Committee Member – Mrs.Priya , PG HOD , SDNB Vaishnav College, Chennai invited

- “Ethical Living” - Counselling session for Computer Science Department girl’s students by Women Empowerment Cell & IQAC on 8/12/2021
- Webinar on “MVC Architecture and build WebApp using Ruby on Rails – By- Mr.Nayab Samar ,Senior Backend developer,Milaap Social ventures Pvt Ltd,Bangalore on 11/12/2021
- Importance of Digital Circuits – By - Mr.R.Loganathan,Department of ECE, MNM Engineering College,Chennai on 13/12/2021
- EDUBRIDGE & DBJC Jointly organized JOB FAIR for Exclusively Unemployed Youth on 18/12/2021
- LIBS – Lead Integrated Business Services Private Ltd, WEB & Mobile Application Development Training Company – Webinar, Regarding Students Internship Cum Training Program for 1 Week for all UG & PG Students on 21/12/2021
- Conducted - Aptitude & Skill Test Quiz Competition –in online for all UG and PG Computer Science students – Event Coordinated by Prof.C.Govindasamy on 28/1/2022

### **Induction Programme for first year students (2021-2022)**

- Induction & Overview of College programme - By Dr.B.Jagadhesan ,HOD,UG Dept of Computer Science organized for I Year Students of BSc Computer Science and BCA on 4/10/2021
- Introduction about the Department, Lab & Library – By Dr.S.Balaji HOD,PG Dept of Computer Science organized for I Year Students of BSc Computer Science and BCA on 5/10/2021
- Induction Programme On Scope of BSc CS & BCA - Carrier Guidance given by our Alumni organized for I Year Students of BSc Computer Science and BCA on 6/10/2021
- ULLAS – DBJain College Students Orientation Session for I Year Students of BSc Computer Science and BCA on 7/10/2021
- ULLAS Can Do -Value Education Motivational Speech for I Year Students of BSc Computer Science and BCA on 8/10/2021

## Seminars/ Workshops organized for students – Associated with IQAC

Date	Webinar Title
14/07/2021	Webinar on Awareness on Covid & Vaccination Hesitancy Organized by DBJC Women Empowerment Cell
23/09/2021	Drive Against Drugs Awareness Campaign Addressed by Deputy Commissioner of Police , Police – Students Interaction
11/10/2021	Webinar on Machine Learning Methods and Applications
26/10/2021	Webinar on “Value of Education in our life” for our Computer Science Department Students and the Motivational Speaker is Dr. A. Narmadha, Head, Department of Management Studies, DBJain College, Chennai
7/12/2021	Webinar on “Artificial Intelligence- Programming with python” organized by Department& IQAC in association with LiveWire Network Security ,Training in IT – Ms.Nithya,Tech Mentor-Livewire,chennai
8/12/2021	“Ethical Living” - Counselling session for Computer Science Department girl’s students by Women Empowerment Cell & IQAC
11/12/2021	“MVC Architecture and build WebApp using Ruby on Rails – By- Mr.Nayab Samar ,Senior Backend developer,Milaap Social ventures Pvt Ltd,Bangalore
13/12/2021	Importance of Digital Circuits – By - Mr.R.Loganathan,Department of ECE, MNM Engineering College,Chennai
14/12/2021	Preplacement Training and Mock interview for Final year Students – in Seminar Hall
18/12/2021-	EDUBRIDGE & DBJC Jointly organized JOB FAIR for Exclusively Unemployed Youth
21/12/2021	LIBS – Lead Integrated Business Services Private Ltd, WEB & Mobile Application Development Training Company – Webinar, Regarding Students Internship Cum Training Program for 1 Week.
28/3/2022 to 31/3/2022	Yoga Classes for all I Year BSc Computer Science Students
6/4/2022	Women Empowerment Cell Convenor Mrs.S.VijayaBharathi organized,Women’s Day Celebration 2022 – Prize Distribution Ceremony,Dr. T. Mohanashree ,Principal ,Sri KanyakaParameswari Arts and Science College for Women invited as chief guest.

13/4/2022	Final Year Students attended Campus Recruitment conducted by “SriMak Peripherals” , “Onesoft Technologies”
18/4/2022	<b>JAIN IT VISTA – 2022 Preliminary Round</b> conducted for students. Totally 156 students participated in Technical Quiz,Paper presentation – 8 students participated,96 students in Debugging ,36 students in Adzap.Final Round selection Results were also announced on that day itself
19/4/2022	Gender Equality Programme on “Voice of Values” organized by Value Education Club and Women Empowerment Cell , Dr.S.Arunarani HOD,Department of Computer Applications,Prince Shri Venkateshwara Arts and Science College , Chennai invited as Chief Guest, Value Education Club Convenor -Mrs.S.Bhuvanewari and Women Empowerment Cell Convenor- Mrs.DurgaSiddharth organized the event
20/4/2022	Gender Equality Programme on “Values of Life” organized by Value Education Club , Mrs.Kashifa K (Business English Communication Skills Trainer) Entrepreneur – Makeup Studio and Training Academy Zumba Instructor, Value Education Club Convenor Mrs.S.Bhuvanewari in association with Sexual Harassment Club organized the event.
21/4/2022	<b>JAIN IT VISTA 2022 – Intra Department Tech Meet</b> organized and events like Paper Presentation, Technical Quiz, Debugging, Ad zap Final Round conducted. <b>Mr. Vishal ,Technical Support Engineer from Tata Consultancy Services</b> invited as Chief Guest for the function
28/4/2022	Ultimate Course on “ <b>PUBLIC SPEAKING</b> ” - organized to motivate the students to speak fearlessly – overcoming shyness and nervousness, <b>Prof Divya - Communication Hub Member</b> guided the students about the power of communication for the goals of development, both at the individual and larger societal level.
29/4/2022	Department of Computer Science & IQAC organized Seminar on FULL STACK DEVELOPER - LIVE WIRE ,T.Nagar for computer science students
29/4/2022	Cook Without Fire - ‘MasterChef DBJC – 2022’ organized by Entrepreneur Development Cell , Mrs.DurgaSiddharth organized the event.
29/4/2022	Abdul Kalam – Quiz Club organized GUIDANCE to prepare Government Group Exam ,Mrs.V.Nisha organized the event

10/5/2022	Women Empowerment Cell Convenor - Mrs.S.Vijaya Bharathi invited Dr.Harini Sriram , Occupational Therapist/Psycologist/Trainee as chief guest and she spoke about Mental Health and Well Being
19/5/2022	Python Expo Project -2022- I BCA Students presented their project to all other students – Coordinated by Prof.C.Govindasamy
19/5/2022	Skill Development Programme- Coordinated by Prof.C.Govindasamy
20/5/2022	Women Empowerment Cell organized “Art from Waste” in association with Value Education Club, Earth Lover’s Club, Dr.Gayathri Krishnaveni Lakshmanan - Artistic Director, Krishnadwani School of Natya,Chennai
20/5/2022	International Colloquium on Global Digital Epoch ( An IT Virtual Conclave)
27/5/2022	Staff members Successfully completed the NPTEL online certification on Programming in C. 1. Dr. B. Jagadhesan. 2. Mrs.V.Nisha scored 100% Marks 3. Mrs.M.Bharathi. 4. Mrs. Kalpana.

## Remedial Classes

**The remedial classes conducted periodically which helps:**

- To motivate and help the academically weaker students to realize their weakness and help them to improve on their fronts.
- Improving academic skills of the students in various subjects.
- Raising their level of comprehension of basic subjects to provide a stronger for further academic work.
- Strengthens their knowledge skills and attitude in such subjects

## Faculty Achievements (2021-2022)

- Mr.M.Karthik attended Fundamentals of AI-ICT Academy Online Faculty Development Program from 14/6/2021 to 18/6/2021
- Mrs.M.Bharathi invited to present webinar on Teacher’s Role in Boosting Mental Health of Young Mind , Interdisciplinary Workshop 2021 Organized



- by Department of Management Studies, DBJain College
- Dr. B. Jagadhesan Nominated and Participated as BOS Panel Member in JBAS College, Teynampet on 5/8/2021
  - Dr. B. Jagadhesan invited to Assess Academic Audit for the school of Computational Studies , Hindustan College of Arts and Science on 16/08/2021
  - AQAR Submission done through NAAC Web Portal (2019-2020) on 31/8/2021
  - Dr. B. Jagadhesan invited to Assess Academic Audit for PG Department of Computer Science, SDNB College on 6/9/2021
  - Mrs.V.Nisha Submitted her PhD Research work Thesis in Mother Teresa University, Kodaikanal on 9/9/2021
  - Dr. B. Jagadhesan invited to Assess Academic Audit for Department of Computer Science and Computer Applications, Sri Kanyaka Parameswari Arts & Science College for Women on 14/9/2021
  - Mr. P. Prabakaran Completed his Ph.D. Public Viva-Voce Examination on 17/9/2021
  - Dr. B. Jagadhesan invited as an External Examiner to conduct MPhil Computer Science Research Viva-Voce Examination in Government Arts College, Nandanam on 20/9/2021
  - Department Association Inauguration by – Chief Guest Mr. Thilakraj Rajaram our Alumni currently working as” Cloud Solution Architect” in Denali Advanced Integration on 23/9/2021
  - Dr. B. Jagadhesan invited as an Advisory Committee Member for International Conference on Innovation and Advanced Research in Software Applications in AM Jain College on 10/10/2021
  - Dr..B.Jagadhesan inaugurate the Capacity Building Programme Organized by Management Studies Department by giving Event Inaugural Address and Faculty Mrs.V.Nisha presented paper regarding Crptocurrency & Block Chain Technology and motivates the student participants on 9/3/2022
  - Dr.B.Jagadhesan , Mrs.Durga Siddharth invited as Judge for the event “IdhuNammaKadai” ,sales Expo organized by BCom CA & AF Department on 17/3/2022
  - Mrs.VijayaBharathi ,Convenor Women Empowerment Cell organized Mehndi , Face Painting Competition and motivates the Girl student’s to present their talents, Mrs.M.Bharathi invited as judge to assess the student’s talent for Mehndi Competition on 18/3/2022
  - Mrs.VijayaBharathi ,Convenor Women Empowerment Cell organized Rangoli and Hairdo competitions were conducted by Women Empowerment Cell on 19/3/2022
  - Mrs.VijayaBharathi ,Convenor Women Empowerment Cell organized Mehndi , Face Painting Competition and motivates the Girl student’s to present their

- talents, Mrs.S.Bhuvanewari,Mrs.Durga Siddharth coordinated the competition
- Dr.S. Balaji , Dr.B. Jagadhesan on 24/2/2022 invited as National Advisory Committee Member for National Conference on Emerging Trends & Technologies in Information Technology (NCETTIT 2022) in Vel's University
- Dr.S.Balaji awarded , Certificate of Participation in the MOOC, Open Educational Resources for Online Learning: A Practical Approach on 14/3/2022 to 10/4/2022
- NPTEL, Faculty Development Programme in Database Management System, successfully Completed the course and submitted certificate by Dr.D.Elangovan ,Mrs.M.Bharathi,Mrs.V.Nisha,Mrs.S.kalpana on 12/4/2022
- Dr.S.Balaji , Dr.B.Jagadhesan , Dr.K.Rajasekaran invited for Professional Knowledge Sharing Session in SSS Jain College ,Chennai on 13/4/2022
- Our Department Staff Members participated in Sports like Throw Ball, Slow Bike Race and Won Prizes on 28/4/2022
  - Throw Ball Winners - Mrs.S.Bhuvanewari
  - Mrs.Durga Siddharth
  - Mrs.S.Vijaya Bharathi
  - Mrs.Nisha Diana
  - Mrs.K.Suganya
- Slow Bike Race Winner – 1st Place
- Mrs.Durga Siddharth
- Slow Bike Race Winner –2nd Place
- Mrs.V.Nisha
- Dr.B.Jagadhesan,Mrs.Durga Sddharth invited as Judge for the event “Idhu Namma Kadai” , sales Expo organized by BCom CA & AF Department on 17/3/2022
- Mrs.Vijaya Bharathi ,Convenor Women Empowerment Cell organized Mehndi , Face Painting Competition,Rangoli and Hairdo competitions and motivates the Girl student's to present their talents on 18/3/2022
- Mr.M.Karthik received Best Paper Title award for his paper – Impact of Covid-19 on business and role of information technology for e-business sustainability in International Business Research Conference on “ Corporate Business Strategies Post Covid – 19 “ on 6/5/2022
- Dr.B.Jagadhesan invited as motivational speaker in ‘AVISHKAR – 2022’ organized by Institute of Management – DBJC on 9/5/2022
- Dr.J.Lysa Eben Completed her PhD Viva Voce in VISTAS University on 10/5/2022

- Dr.Jaya Prasanna received her PhD Doctorate certificate from University of Madras on 16/5/2022

### **Faculty Attended Programmes (In-house & Outside) 2021-2022**

- Dr.B.Jagadhesan invited as an External Examiner for Ph.D. Viva-Voce – Bharathidasan University -Tiruchirappalli on 18/02/2021.
- Dr.B.Jagadhesan Participated in Entrepreneur Mentor Program on 21/02/2021 in online
- Dr.B.Jagadhesan Associate Professor & Head (PG) invited as an Academic Audit committee member in Ramakrishna mission Vivekananda College ,Chennai on 26/02/2021
- Prof. Durga Siddharth presented a webinar session in the topic,” 7 – Step Business Analytic Process” in SDNB College for Women
- Prof. V. Nisha attended Virtual FDP on Fundamentals of Machine Learning from 16/02/2021 to 20/02/2021 conducted by ICT Academy
- Dr.K.Rajasekaran Invited as Judge for – Interdepartmental Events – Conducted by Department of Management Studies on 19/3/2021
- Mrs.V.Nisha Submitted her PhD Research work Thesis in Mother Teresa University on 09/09/2021
- Dr.S.Balaji has attended ,Tamilnadu State Council for Higher Education Conducted NAAC & NIRF Consultative Meeting on 30/09/2021
- Professional Development Programme on "Outcome Based Education" – Organized by IQAC for staff members on 26/3/2022

### **Online Certificate Courses Attended by the faculties**

- Dr.B.Jagadhesan,Mr.M.Karthik,Mrs.M.Bharathi,Mrs.V.Nisha has attended Introduction to python programming course conducted by ICT Academy, Machine Learning Webinar and FDP Programs and received certificates.

### **Papers/Journals/Books Published by the faculties (2021-2022)**

Title Of Paper	Name Of The Author/S	Department Of The Teacher	Name Of Journal	Year Of Publication	ISBN/ISSN Number
----------------	----------------------	---------------------------	-----------------	---------------------	------------------

### **Students Admission (2021-2022)**

S.No	Name of the Course	Student's Strength
1	BSc Computer Science	150
2	BCA	150
3	MSc	15
4	MSc IT	10

### Student's Achievements/Participation

- 22/2/2022- Skill Test Competition conducted for students in our department ,Certificates and Prize Distributed to the winners in College campus, 1<sup>st</sup> prize - III BCA Rakesh.B ,2<sup>nd</sup> prize - III BCA K.Pugazhendhi, 3<sup>rd</sup> prize - III BCA - A.Arun Kumar
- Students from Computer Science Department participated in **Interdepartmental Management Events** organized by Department of Management Studies and won Prizes on 9/4/2022

#### Corporate Walk – 1<sup>st</sup> place

Sridevi.A  
Ranjith.S  
Vijay.S  
Sasi Kumar.S  
Ammu.E

#### Corporate Walk – 3<sup>rd</sup> place

Mohammed Saifulhuq  
Karthik Sai  
Chandru.R  
Akash Kumar.S  
T.Priyavarshini

#### Best manager- 2<sup>nd</sup> place

R.Shivakumar

#### Best manager- 3<sup>rd</sup> place

S. Mohammed Saifulhuq

**Business Quiz – 1<sup>st</sup> place**

S.Padmesh ,R.Vasanth- II BCA

**Business Quiz – 3<sup>rd</sup> place**

Shenbagam

Karthikeyan

- Priyavarshini from II BSc Computer Science student won 2<sup>nd</sup> prize in T-Shirt painting Competition , Shri Krishnaswamy College for Women on 13/4/2022

## Best Practices of the Department

- Curriculum
- Practical orientation
- Electives
- Internship /Project
- Teaching Learning Process
- Orientation Programme
- Remedial Classes
- Tutorials
- Catering to diverse learning needs
- Co-curricular activities
- Symposium
- Seminar
- Workshop
- Conference
- Guest lectures
- Industrial visit

## **Stakeholder Feedback Report 2021 – 2022**

### **Feedback from parents:**

Parents were satisfied by the online class's initiation. During the stakeholder meeting, Parents suggested the institution to conduct weekly test virtually also they requested to maintain the placement activity and its record of recruitment as like previous years.

### **Feedback from Teachers:**

Teachers were satisfied on completion of syllabus and conducting internal examination even virtually. They suggested to the students and parents to be regular to the online class so that the students can understand the subject easily.

### **Feedback from students:**

Most of the students were satisfied with syllabus and they expect regular weekly revision tests. They were also happy with the complete regular online classes.

### **Feedback from alumni:**

Alumni were happy with excellence of teaching learning activities and placement records. They also believed that the application of their learned knowledge through institution was really helpful to them. Alumni are suggested to introduce advanced industrial oriented courses.

## Parent-Teacher Meet

Name of the activity : Parent Teacher Meet PTA

Date : 7/04/2022 –College campus





**Target group** :All UG Students

**About Activity** ; Total No. Of Parents Visited: 250

**SUGGESTIONS/FEEDBACK FROM PARENTS:**

- 1) Suggested to conduct parent-teacher meet frequently
- 2) Expressed Quality of teaching is excellent
- 3) Parents Requested to send student report monthly



## Future Plans of the Department

- Do gain unique identity for the Department by conducting Seminars, Workshops Guest Lectures that enhances the scientific temperament in Students and Faculty
- To encourage and direct Faculty and students towards Paper Presentations, Minor Projects and PhD's.
- Encourage, motivated and guide students to pursue projects in the field of Computer Science.
- Organize Institution Industry Interaction programmes, and Industrial Visits.

