

## **Annual Report 2021 - 2022**

### **Department Of Computer Science**

No. of students admitted in I Year [2021 - 2022]: 53

#### **Laboratories and Facilities**

The Department has well equipped laboratories catering to the needs of not only the Computer Science students but also students from other departments. Major facilities in different laboratories are listed below:

#### **COMPUTER DETAILS**

	PARTICULARS	QUANTITY	OPERATING SYSTEMS USED	SOFTWARES INSTALLED
B.Sc.(CS) LAB				
COMPUTERS				
	IBM SYSTEMS - 10 Nos.	75	WINDOWS XP SERVICE PACK 2, Windows 10	MICROSOFT OFFICE 2007, OFFICE 2010, VISUAL STUDIO 6.0, C, C++, JAVA, MICROSOFT VISUAL STUDIO 2008, VISUAL STUDIO 2015, ORACLE 8.0
	HCL SYSTEMS - 61 Nos.			
	PENTIUM IV - 3 Nos.			
	IBM SERVER - 1 No.		WINDOWS SERVER 2008 (R2)	MICROSOFT OFFICE 2007
INTERNET LAB				
COMPUTERS				
	DELL SYSTEMS	5	WINDOWS XP SERVICE PACK 2	MICROSOFT OFFICE 2007

#### **Department Association Activities**

## 1. Yoga for Mental Health -Online Quiz Report [June 2021]

The Department of Computer Science has organized a National Level online quiz on “Yoga for Mental Health” in association with IQAC. The aim of this programme is to bring awareness among students, faculty, all stakeholders and the society at large about yoga and meditation.

The Yoga Quiz programme was conducted on International Yoga day 21/06/2021. Total Number of Participants in the online Quiz programme was 25.

### Invitation:



**SINDHI COLLEGE**  
(Arts & Science)  
Permanently Affiliated to the University of Madras  
146, Poonamallee High Road, Numbal, Chennai-600077, Tamil Nadu.  
Phone: 9345243838

**Department of Computer Science**  
Organizes a National Level Online Quiz titled  
**Yoga for Mental Health**  
in association with IQAC, Sindhi College, Chennai-77  
on the International Yoga Day 21<sup>st</sup> June 2021.

- ✳ No Registration Fees.
- ✳ E-Certificate will be provided to all the participants.
- ✳ Click the following link for Participation:  
<https://forms.gle/5XHPUT04szLgvUN89>

**Mrs. T. Sujatha**  
Head of the Department  
**Mr. U. Murugavel**  
Programme Coordinator



**Dr. K. Satyanarayana**  
Principal  
**Dr. P. Saraswathi**  
**Mrs. D. Kavitha**  
Conveners

**COURSES OFFERED**

UG COURSES	PG COURSES
» B.Sc. (CS)	» B.A. (TFM)
» B.Sc. (Maths)	» B.A. (English)
» B.Sc. (Uiscom)	» B.A. (Tamil)
» B.C.A	» B.A. (Economics)
» B.B.A	» M.S.W
» B.Com. (General)	» M.A. (HRM)
» B.Com. (CS)	» M.Com. (General)
» B.Com. (ISM)	

Kindly Visit  
[www.sindhicollege.in](http://www.sindhicollege.in)

### Sample Certificate:



**SINDHI COLLEGE**  
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Phone: 9345243838 Website: [www.sindhicollege.in](http://www.sindhicollege.in)

**Certificate of Participation**

This is to certify that **Damodaran. S** of  
**Tagore Govt Arts and Science College, Pondicherry**  
has participated in the National Level Online Quiz titled "Yoga for Mental Health" Organized by  
the **Department of Computer Science** in association with IQAC, Sindhi College, Chennai - 77 on  
the International Yoga Day **21/06/2021**.

  
**Mrs. T. Sujatha**  
Head of the Department

  
**Mr. U. Murugavel**  
Programme Coordinator

  
**Dr. K. Satyanarayana**  
Principal



Made for free with Certify'em

## 2. Basic Accounting Principles for Beginners – Webinar Report

The Department of Computer Science has organized a State Level Webinar on “Basic Accounting Principles for Beginners” on 25/06/2021 in association with IQAC. This programme was especially meant for faculties, research scholars, students and all stakeholders.

**Resource Person:**

Mr. S. Rajendran, M.Com., M.Phil., B.Ed., M.B.A, SLST, (Ph.D),  
Assistant Professor,  
PG Department of Commerce,  
Sindhi College, Chennai – 77.

The Webinar began at 10.00 am with the prayer song. The welcome speech was given by Dr. P. Saraswathi, Associate Professor, Department of Computer Science. The inaugural address was given by our Principal Dr. K. Satyanarayana. Introduction to the chief guest was given by Dr. K. Geetha, Associate Professor, Department of Computer Science. The Chief Guest Mr. S. Rajendran explained clearly the different principles of accounting, preparation of journal, ledger, trial balance, balance sheet etc. and so on.

The various Topics presented by our Chief Guest in the State Level Webinar are:

- *Introduction*
- *Origin and Growth of Accounting*
- *Meaning and Definitions of Accounting*
- *Bookkeeping and Accounting, Accounting and Accountancy*
- *Nature of Accounting*
- *Objectives of Accounting*
- *Users of Accounting Information*
- *Role of Accounting*
- *Limitations of Accounting*
- *Systems in Accounting*
- *Single Entry System of Accounting*
- *Double Entry System of Accounting*
- *Preparation of:*
  - *-Journal*
  - *-Ledger*
  - *-Trial Balance*
  - *-Trading Account*

- -Profit and Loss Account
- -Balance Sheet

The Vote of Thanks was given by Mr. U. Murugavel, Assistant Professor, Department of Computer Science. The Webinar was compered by Mrs. D. Kavitha, Assistant Professor, Department of Computer Science.

### Invitation:



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146, Poonamallee High Road, Numbal, Chennai-600077, Tamil Nadu.  
Phone: 9345243838



**Department of Computer Science**  
Organizes a State Level Webinar on

**Basic Accounting Principles for Beginners**

in association with IQAC, Sindhi College, Chennai-77  
on **25<sup>th</sup> June 2021 @ 10.00 am to 11.30 am.**

## Resource Person



**Mr.S.Rajendran,**  
M.Com, M.Phil, B.Ed, M.B.A, SLST, (Ph.D)  
Assistant Professor,  
PG Department of Commerce, Sindhi College.

- 🔊 No Registration Fees.
- 🔊 E-Certificate will be provided to all the participants.
- 🔊 Click the following link for Registration:  
<https://forms.gle/o6YaaWwmMyezHax7>

**Mrs. T. Sujatha**  
Head of the Department

**Mr. U. Murugavel**  
Programme Coordinator

**Dr. K. Satyanarayana**  
Principal

**Dr. K. Geetha**  
Convener

[www.sindhicollege.in](http://www.sindhicollege.in)

### Sample Certificate:



3.

4.

5.

### **3. Seminar on Machine Learning and Artificial Intelligence – Report [March 2022]**

The Department of Computer Science organized a Seminar on “Machine Learning and Artificial Intelligence” in association with IQAC on 28/03/2022. The program began at 12.50 pm in the Central Hall with Gayathri Mantra followed by TamilthaiValthu.

The welcome speech was given by Mrs. T. Sujatha, HOD, Department of Computer Science. The inaugural address was given by our Principal Dr. V. Hemalatha. Dr. T. Prahalathan, HOD, Dept. of Tamil delivered the special address. Introduction to the chief guest was given by Mr. M. Alexander, Assistant Professor, Department of Computer Science. Mr. N. Rajasukar, B.E., Technical Mentor, NIIT Ltd. was the chief guest on the day. He explained the various concepts of artificial intelligence and machine learning through power point presentations.

The students from various departments like B.Sc. (CS), BCA, BBA, B.Sc. (Mathematics), B.A. (English) and B.A. (Tamil) attended the Seminar. Vote of thanks was given by Dr. P. Saraswathi, Associate Professor, Department of Computer Science. The seminar was compered by Mrs. D. Kavitha, Assistant Professor, Department of Computer Science. The program ended with the National Anthem.

#### **Invitation:**





# SINDHI COLLEGE OF ARTS & SCIENCE

Numbal, Chennai-77.  
(Permanently Affiliated to the University of Madras )  
www.sindhicollege.in Phone: 9345243838



**Department of Computer Science & NIIT**  
in Association with IQAC Organises a Seminar  
on

**“MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE”**



**Chief Guest:**  
**Mr. N. Rajasukar, B.E,**  
**Technical Mentor,**  
**NIIT Limited.**  
Date: 28<sup>th</sup> March 2022  
Time: 12:30 pm  
  
Venue: Central Hall

Mrs.T. SUJATHA  
HOD, B.Sc (CS)

Dr. V. HEMALATHA  
Principal i/c

**All are Welcome**

**Photos:**



**Inaugural Address by our Principal Dr. V. Hemalatha**



**Special Address by Dr. T. Prahalathan, HOD, B.A. (Tamil) Department**



**Introduction to the Chief Guest by Mr. M. Alexander, Assistant Professor, B.Sc. (CS)**



**Seminar Presentation by the Chief Guest Mr. N. Rajasukar, B.E., NIIT Ltd.**





**Staff Members and Students attending the Seminar**



**BBA, B.Com. (ISM) and M.A. (HRM) HODs attending the Seminar**





**Vote of Thanks by Dr. P. Saraswathi, Associate Professor, B.Sc. (CS)**



**Compering by Mrs. D. Kavitha, Assistant Professor, B.Sc. (CS)**

#### **4. Brindavanam Old Age Home Visited – Report [April 2022]**

The Department of Computer Science visited Brindavanam Old Age Home, at Valasaravakkam on 12/04/2022. 7 staff members and 19 students visited the home. The staff members donated Rs. 5000/- as cash for the home to provide one time lunch for the home people and also distributed fruits and biscuits.

Phone : 044 - 4857 5077

## BRINDAVANAM OLD AGE HOME

(Reg. by Govt. of INDIA)

(Established by the public charitable Trust Act 1882)

No.144, 13th Street, Sri Kirshna Nagar, Maduravoyal, Chennai - 600 095, Tamilnadu, India.

No.....880.....

### CASH RECEIPT

Date 12/4/22

From Mr. / Mrs. / Miss

திரு/திருமதி/செல்வி

On account of...

Rs.....

5,000/-

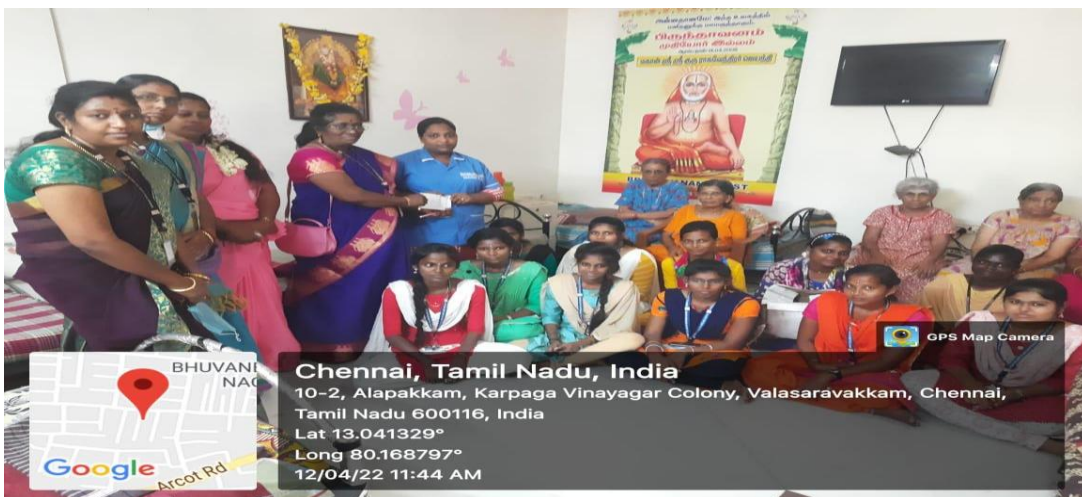
Ghe / DD. No. Cash

Rs 5,000/-

only / மட்டும் பெற்றுக்கொள்ளப்பட்டது.

Manager

Authorised Signature







## Competitions

The Department of Computer Science conducted various competitions during the academic year 2021 - 2022. These activities provided an excellent platform to exhibit the inherent ability and talents hidden in the students.

### 1. Debugging

The Debugging event was held on 26/04/2022. The programming language chosen for Debugging was C. The students of B.Sc. (CS) were selected based on their execution of the C program without any error. The Staff-in-Charge for this event was Mr. M. Alexander, Assistant Professor, Department of Computer Science and Dr. K. Geetha, Associate Professor, Department of Computer Science.

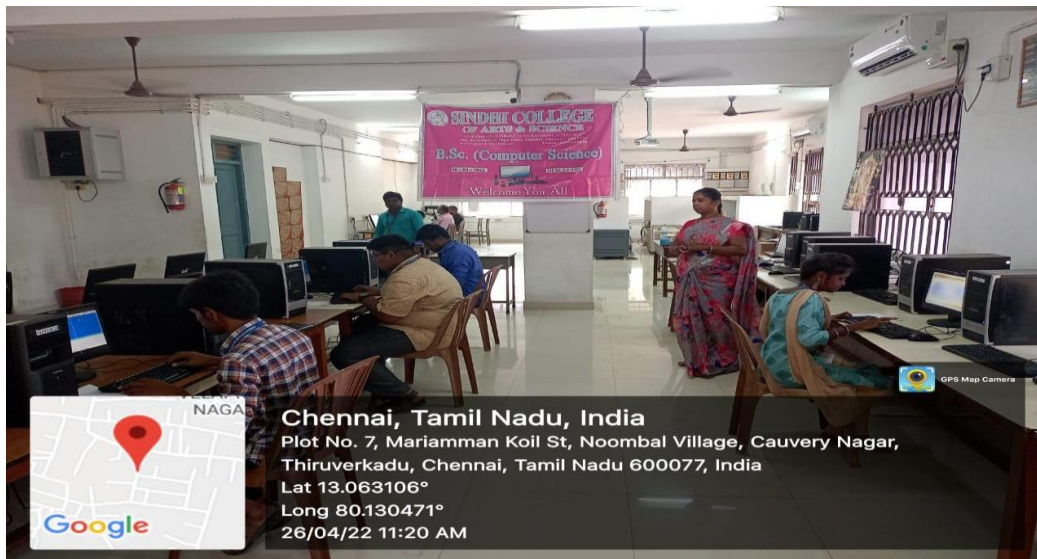
### Prize Winners:



I PRIZE : YOGESH V S, II B.Sc. (CS)

II PRIZE : PRAVEEN ADIYA PATHAM S, II B.Sc. (CS)

III PRIZE : ARJUN.V, II B.Sc. (CS)



## 2. Gaming

The Gaming event was held on 26/04/2022. The Game selected for this event was PUBG. The Staff-in-Charge for this event was Mrs. D. Kavitha, Assistant Professor, Department of Computer Science and Mr. Duggi Chandra Mouli, Assistant Professor, Department of Computer Science.

### Prize Winners:

I PRIZE : KAJA MOIDEEN S, II B.Sc. (CS)

II PRIZE : GOKUL S, II B.Sc. (CS)

III PRIZE : SRINIVASAN M, III B.Sc. (CS)



## 3. Paper Presentation

The Paper Presentation event was held on 27/04/2022. The topics given were Artificial Intelligence, Cloud Computing, Cyber Crime and Security, Machine Learning, Robotics, 5G Wireless Technology, BlockChain Technology, Big Data, Digital Image Processing and Blue Eyes Technology. The Staff-in-Charge for this event was Dr. P. Saraswathi, Associate Professor, Department of Computer Science and Dr. K. Geetha, Associate Professor, Department of Computer Science.

### Prize Winners:

Sl. No.	Student Name	Class	Topic	Prize
1	KITCHIIMUDU JAYAKUMAR	III B.Sc. (CS)	5G Wireless Technology	I
2	ARJUN V	II B.Sc. (CS)		II
3	KICHAMUDU VANAJA	III B.Sc. (CS)		II
4	SARASWATHI M	I B.Sc. (CS)		III



### 4. Quiz:

An intra-departmental quiz competition was held on 02/05/2022. Quiz Prelims and Finals were conducted. Assistant Professors Mr. Senthil .S. Sekhar & Mrs. D. Kavitha of Computer Science Department were the Quiz masters for the above programme.

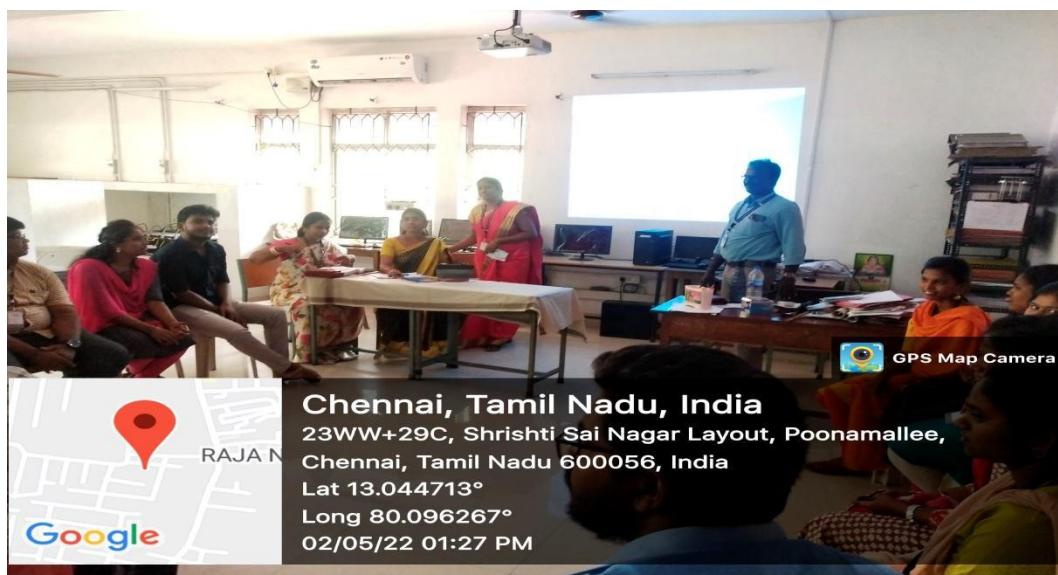
### Prize Winners:

I PRIZE : POOJA J, III B.Sc. (CS), SANJAY R, III B.Sc. (CS), ARJUN.V, II B.Sc. (CS)

II PRIZE : ARUN R, III B.Sc. (CS), YUVARANI J, III B.Sc. (CS), ESWARI K, II B.Sc. (CS)

III PRIZE : KICHAMUDU VANAJA, III B.Sc. (CS), BHUVANA K, III B.Sc. (CS),  
 MAHESHWARI V, II B.Sc. (CS)





## 6. Crack the Code

This event was held on 16/05/2022 in the B.Sc. (CS) Lab. Crack the Code event means that the students can execute any program given by the Staff Members. Mrs. T. Sujatha, HOD, B.Sc. (CS) Department and Mr. Duggi Chandra Mouli, Assistant Professor were the Staff-in-Charge of the event.

### Prize Winners:

I PRIZE : PRAVEEN ADIYA PATHAM S, II B.Sc. (CS)

II PRIZE : NITHYA K, II B.Sc. (CS)

III PRIZE : KICHAMUDU VANAJA, III B.Sc. (CS) & ARUN R, III B.Sc. (CS)

### Books Published by Staff Members

Sl. No.	Name of the Teacher	Title of the Book	Year of Publication	ISBN No.	Name of the Publisher
1	Mrs. T. SUJATHA	OPERATING SYSTEMS	AUGUST 2021	978-93-90614-52-3	Charulatha Publications
2	Mrs. T. SUJATHA	JAVA AND DATA STRUCTURES	SEPTEMBER 2021	978-93-91405-18-2	Charulatha Publications



3	Mrs. T. SUJATHA	WEB TECHNOLOGY	APRIL 2022	978-93-90614-68-4	Charulatha Publications
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### **Papers Presented by Staff Members**

#### **1. Mrs. T. Sujatha**

#### **Title of the Paper**

A GENERAL REVIEW ON DIGITAL IMAGE COMPRESSION TECHNIQUES

International Conference on Artificial Intelligence and Information Technology, Hindustan College of Arts & Science, Chennai - 603 103  
ICAIIT' 21

Year: SEPTEMBER 2021

ISBN No.: 978-81-89843-12-0

### **JOURNALS PUBLISHED BY STAFF MEMBERS**

Mr. Senthil .S. Sekhar

Title of the Paper:

Detecting Fake Reviews Through Multinomial Navie Bayes Algorithm with Deep Learning Techniques.

Journal Name: [SCOPUS Indexed]

Webology ( ISSN: 1735-188x), Volume 18, Number 4, 2021.

### **STAFF MEMBERS WHO HAVE SUBMITTED THE PHD THESIS**

	FACULTY NAME	QUALIFIC ATION	GUIDE NAME	UNIVERSITY
	Senthil. S. Sekhar	M.Sc, MPhil(CS)	Dr. K. SATYANARAYANA	VEL'S UNIVERSITY

### **STAFF MEMBERS WHO ARE PURSUING PHD**

SL. NO.	FACULTY NAME	QUALIFICATION	GUIDE NAME	UNIVERSITY
1	Mrs. T. Sujatha	MCA, MPhil.	Dr. K. SELVAM	Dr. MGR Educational and Research Institute (Deemed to be University)

2	Mr. M. Alexander	MSc(IT), MPhil.	Dr. R. SHANTHI	BHARATHIAR UNIVERSITY
3	Mr. Duggi Chandramouli	MCA, MPhil.	Dr. RADHA RAMMOHAN	Dr. MGR Educational and Research Institute (Deemed to be University)
4	Mrs. D. Kavitha	MCA, MPhil.	Dr. MEENAKSHI	SRM UNIVERSITY

### STAFF MEMBERS WHO HAVE ACTED AS RESOURCE PERSON / CHIEF GUEST

1. Dr. K. Geetha, Associate Professor, Department of Computer Science acted as a Resource Person for the online webinar on “Cloud Computing” organized by Mahalashmi Women’s College of Arts and Science on 23/09/2021.

**MAHALASHMI**  
**WOMEN'S COLLEGE OF ARTS & SCIENCE**  
 ( Affiliated to University of Madras )  
 No. 1, Mahalashmi Nagar, Paruthipattu, Avadi, Chennai-71.

**MAHA WEBINAR MARATHON - 100 Days**

**Day 35** Internal Quality Assurance Cell  
 in association with  
**Department of Computer Science**

**Cloud Computing**  
**Dr. K. Geetha** M.C.A., M.Phil(CS), PhD, SET, NET  
 Associate Professor,  
 Department of Computer Science,  
 Sindhi College of Arts and Science.

**LIVE**

**23 SEPTEMBER 2021**

**Thiru. S. Kunjithapatham**  
 Chairman

**Thiru. S. K. Thirukumaran**  
 Managing Director

**Dr. R. Kumudhini**  
 Principal

**Dr. S. Ramasamy**  
 Vice Principal

**Dr. U. Indumathi**  
 Vice Principal (Academics)

2. Dr. K. Geetha, Associate Professor, Department of Computer Science acted as the Chief Guest for the Guest Lecture on “Management Information System” organized PG Department of Commerce of our college on 22/04/2022.

# SINDHI COLLEGE OF ARTS AND SCIENCE

• 146, Poonamalle Dr. K. Geetha

• 8-66-2002

High Road, Numbal, Chennai – 600077

## PG Department of Commerce

In Association with IQAC

Cordially Invites you

Guest Lecture

On

## *“Management Information System”*

22<sup>nd</sup> April 2022 @ 10.30am to 12.30am

at  
Conference Hall

Chief Guest

**Dr.K.GEETHA**

Associate Professor  
Department of Computer Science  
Sindhi College of Arts and Science  
Chennai 600077.







## **Students Achievements**

Aishwarya Aiyer N V

221801791

Selected in WIPRO with sponsored M.Tech. at Bits Pilani

Batch 2018-2021

### **LIST OF STUDENTS SECURED PRIZES IN OTHER COLLEGE EVENTS | 2021 – 2022 |**

	DATE	STUDENT NAME	CLASS	COLLEGE NAME	EVENT NAME	PRIZE DETAILS
	15/12/2021	V. ARJUN & V. S. YOGESH	IIBSc (C S)	ALPHA COLLEGE OF ENGINEERING (NATIONAL LEVEL TECHNICAL SYMPOSIUM – NAVADHARA'21)	CONNECTION	II PRIZE (SILVER MEDAL + CERTIFICATE)
	05/05/2022	V. S. YOGESH	IIBSc (C S)	ALPHA ARTS & SCIENCE COLLEGE, PORUR, CHENNAI - 116	CODE CRACK	I PRIZE (SHIELD + CERTIFICATE)
	13/05/2022 & 14/05/2022	V. S. YOGESH	IIBSc (C S)	ALPHA COLLEGE OF ENGINEERING, THIRUMAZHISAI, CHENNAI. ENTHRAL 2022	PROGRAM DEBUGGING	II PRIZE (Rs. 200 + SHIELD + CERTIFICATE)

**Alumni Placement Details**  
**[Batch 2018 – 2021]**

Sl. No.	STUDENT NAME	Company Name	Destination	Salary Drawn
1	AISHWARYA AIYER N V	WIPRO	SCHOLAR TRAINEE - WORK INTEGRATED LEARNING PROGRAM	15,000
2	JAVEED ANSARI H	APERON	CTC	15,701
3	KOWSALYA E	HDB FINANCIAL SERVICE	SALES EXECUTIVE	15,000
4	MADHIVANAN A	NEAT SOLTIONS	DESKTOP SUPPORT ENGINEER	18,000
5	SANDHIYA N	UTKARSH SMALL FINANCE BANK	SALES EXECUTIVE	16,300