



# Annual Report

DEPARTMENT OF  
COMPUTER STUDIES  
2019-2020

# **DEPARTMENT OF COMPUTER STUDIES**

## **ANNUAL REPORT- 2019-2020**

Technology plays a pivotal role in different aspects of modern-day society and our life as well. Starting from the basic routine tasks to the cumbersome responsibilities to be handled, technology plays its role in various ways. As and when technology advances, we get to see a mix of emotions amongst people from different walks of life. No doubt, technology is an indispensable part of our life these days. So, adding any important bit of information counts. We all want to learn minute details on different tech topics.

### **ACHIEVEMENTS**

Some of our students from final year BCA were recruited by WIPRO.

1. Akhil Murali - AWS Administrator
2. Arjun Govindan - ITIL Administrator
3. Naveen Jose – Storage Administrator
4. Jenna Sebastian- End User Administrator
5. Seeshma CS-Scholar Trainee



**NAVAJYOTHI**  
COLLEGE

**Dept of Computer Studies**

**2019-2020**

**Our Students Placed In Multinational IT Companies**

**അഭിനന്ദനങ്ങൾ**

**Wipro Technologies**



Arjun Govindan



Naveen Jose



Akhil Murali



Jeena Sebastian



Seeshma CS

**Infosys Technologies**



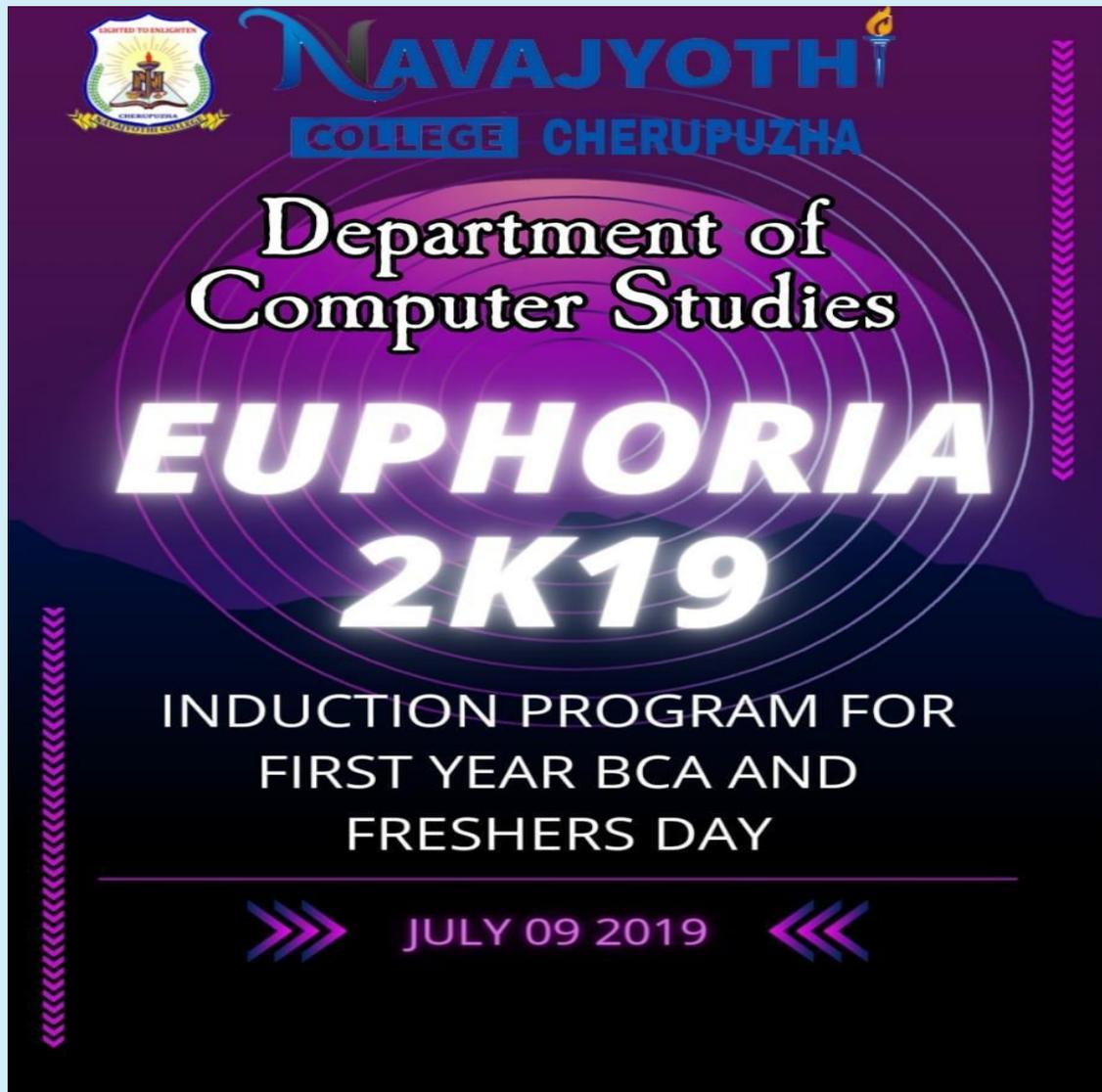
Edwin Antony  
BCA 2017-2020

During the academic year 2019-2021, the Department of Computer Studies sailed on 'KNOW FULL -TECHNOLOGY', and this academic year our department conducted events to satisfy our motto. These designed events for students and the public also got the opportunity to know and practice technology.

### **INDUCTION PROGRAM FOR I BCA:**

The department conducted an Induction program for the first-year students of BCA in July 2019, the program was organized to groom the overall personality of students and make them acquainted with the culture of the institution. During the session, the students were given input about the syllabus and PO, PSO. The program was conducted to inculcate the students about the scholastic and feasible activities that are carried out inside the college. The Head of the Department felicitated the session by welcoming the freshers and explaining in detail the perseverance of the induction program and the activities that are planned as part of the program. The students were given input about the standards and principles followed by the institution. The academic activities were briefed to the students introducing the curriculum and they were explained about the importance of Internal assessments and semester examinations. A complete experience of the institution's atmosphere, intellectual stature, vibrancy, infrastructure, and

amenities was inculcated to the students. During the program, the students were introduced to their mentors.



In the afternoon the senior students from the Department of Computer Studies conducted a Freshers Day named 'EUPHORIA2K19' to welcome the first year and there was an eye-breaking session and this program allow familiar with juniors and seniors. This program makes the students more confident in their life.

**QWERTY 2K19**



Department of Computer Studies conducted an ultimate type race challenge on 22nd July 2019 named QWERTY 2K19 for all students in Navajyothi College irrespective of departments. It was conducted at BCA Computer Lab.2 representatives from each class, a total of 28 students from UG, and 8 students from PG have participated in this competition. Mrs. Honey Johnson Assistant Professor in the Computer Studies department took the initiative to lead this challenge.

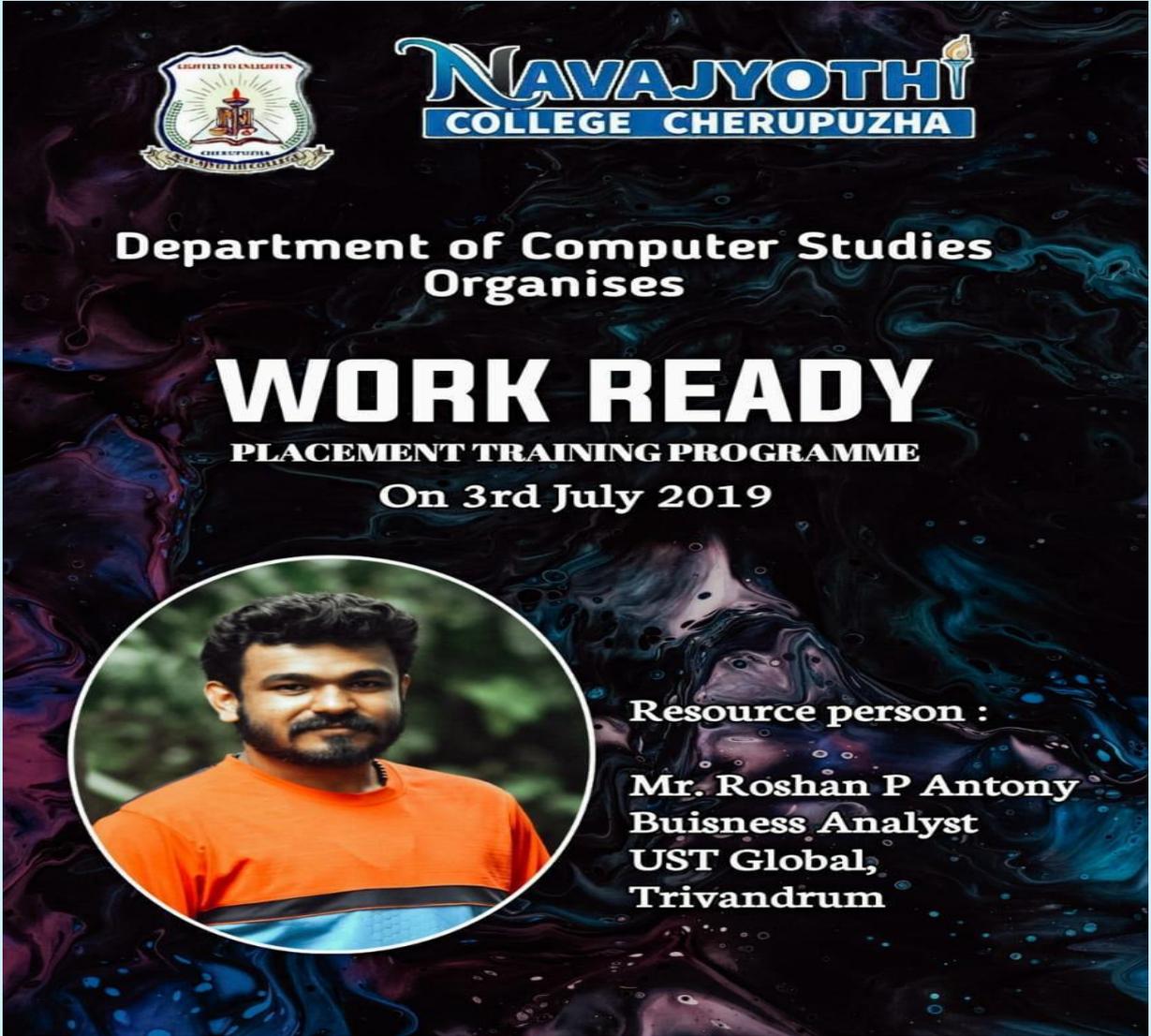
Speed and time are always related. Typing speed is calculated according to the most widely accepted method where a 'word' is assumed an average of 5 characters (spaces included) with every error (per minute) being a 1 WPM deduction. Nearly all other significant statistics are also reported, allowing for a more custom calculation as well. All performance calculations are also clearly explained (simply mouse-hover over the labels) making it easy to understand your results.

There were two rounds semi-finals and finals. Semi-finals were conducted with a duration of 15 minutes which include graphs and texts with subscripts, superscripts, digits, roman numbers, etc. The final round is all about how fast you are.

Cash awards were distributed for 1st and 2nd prize winners. The first prize was won by Naveen Tomy, Bcom Co-operation final year, and the second prize was won by Jincy George BA English final year.

## PLACEMENT TRAINING PROGRAMME

During the academic year 2019-20, our Department arranged a **Placement Training Programme** for final year BCA students on 03<sup>rd</sup> July 2019 at NJC Seminar hall. Roshan P Antony alumni working at UST Global Trivandrum was the resource person. He spoke on a subject like how to prepare for aptitude and group discussion. He also made the students well equipped by describing the ways to crack an interview. The discussion was also made about further possibilities after BCA.



The poster features a dark, marbled background with blue and purple swirls. At the top left is the Navajyothi College logo, a shield-shaped emblem with a lamp and text. To its right is the college name 'NAVAJYOTHI COLLEGE CHERUPUZHA' in blue and white. Below this, the text 'Department of Computer Studies Organises' is written in white. The main title 'WORK READY' is in large, bold, white letters, followed by 'PLACEMENT TRAINING PROGRAMME' and 'On 3rd July 2019'. A circular portrait of Mr. Roshan P Antony, a man with a beard wearing an orange shirt, is on the left. To the right of the portrait, the text 'Resource person : Mr. Roshan P Antony Buisness Analyst UST Global, Trivandrum' is written in white.

**NAVAJYOTHI**  
COLLEGE CHERUPUZHA

Department of Computer Studies  
Organises

**WORK READY**  
PLACEMENT TRAINING PROGRAMME  
On 3rd July 2019

Resource person :  
Mr. Roshan P Antony  
Buisness Analyst  
UST Global,  
Trivandrum

Overall the session was quite inspiring and informative. Students could grab the necessary details. A question air session was also held, along with the students from the first and second years.

## ASSOCIATION INAUGURATION

NAVAJYOTHI COLLEGE CHERUPUZHA  
DEPARTMENT OF COMPUTER STUDIES

# ASSOCIATION INAUGURATION

Inauguration and Seminar  
.....

**Sri. Muhammad Ali**  
Senior Civil Police officer Cherupuzha  
Police and Cyber Trainer

**ON 14 JANUARY 2020  
@ 10:45 AM**

Depth of social Media

Inauguration of the Association of Department of Computer Studies for this academic year 2019-2020 was held on 14<sup>th</sup> Jan 2020 at NJC SEMINAR HALL. Sri. Muhammad Ali, Senior Civil Police Officer was the chief guest at the function.

The official function started at 10:45 am and the welcome speech was delivered by Ms. Juliet Mathew, the program coordinator. Sri. Muhammad Ali inaugurated the function and Miss Aney Suphamma N Mathew, HOD of Computer Studies delivered the presidential address, and Mr. Shajimon T J, the Principal, felicitated the meeting. Aswathi Babu, student representative delivered the vote of thanks.

### **SEMINAR ON DEPTH OF SOCIAL MEDIA:**

After the inauguration session, the keynote speaker discussed “**Depth of social media**”. He talked about all types of cybercrimes like Financial, Privacy, Hacking, and Cyber Terrorism. As a cyber officer, he shared his own experience and about local cases registered in cyber cells and made the students aware of the netiquettes and risk factors in using social media. The class was very useful for the students and they could share their experiences.



## **SEMINAR ON CURRENT TRENDS IN IT**

During the academic year 2019-20, the Department of Computer Studies arranged a seminar on **Current Trends in IT**, aiming for the final year

BCA students on 28<sup>th</sup> Jan 2020 at NJC Seminar hall. Resource persons Sobhitha K P and Vishnu C Vijay from LIVEWIRE Kanhangad led the seminar. LIVEWIRE promotes niche training in IT, Electronics & Electricals creating experts for emerging technology industries and specialist technology jobs. They taught the current and trends in the IT industry, and choose which courses have a high level of scope in the job market. Courses such as full-stack development, machine learning, artificial intelligence, ethical hacking, and cloud computing are current trends.



On the all the session was quite inspiring and informative. The session includes a PowerPoint presentation and quiz. Students could grab the necessary details. A questionnaire session was also held, along with the students from the first and second years. The best part of their training was application-oriented.



## **WORKSHOP ON PYTHON**

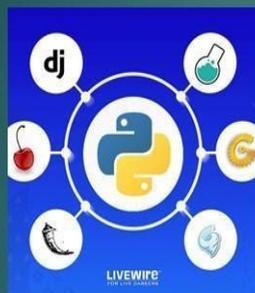
Department of Computer studies conducted a workshop on Python in Association with Live Wire, Kanhangad for BCA students on 28<sup>th</sup> Jan 2020 at NJC Seminar Hall. Resource persons were Sobhitha K P and Vishnu C Vijay from LIVEWIRE Kanhanagad led the workshop.

Python is a programming language known for its general-purpose nature that makes it applicable in almost every domain of software development. Python can be used in many domains of development such as web development, desktop applications, network programming, business applications, etc. It is also essential for doing computational programs in research. Also, it is used in advanced fields such as Data Science and Artificial Intelligence. To develop practical ability and knowledge about the different concepts of Python Programming, a workshop on this programming language was conducted.

All the sessions were quite inspiring and informative. The session included coding, presentation, quiz, and questionnaire. Students could grab the necessary details. The best part of their training was application-oriented.

# NAVAJYOTHI COLLEGE CHERUPUZHA

## DEPARTMENT OF COMPUTER STUDIES



**Work Shop On**  
**Python**  
**On 28 Jan 2020**

In Association with





**TECHNOVANZIA 2.020**



The IT Exhibition was held on the 5th & 6th Feb 2020 where students showcased the different computer and other communication devices hardware, its different parts, its working mechanism, varying models since its invention, etc. to the general public as well as to the students and persons of interest. The exhibition was intended to familiarise technological advancements in information and communications over the last few decades. The event was organized as an exemplary display of different hardware and the changes in its design and other aspects, exhibiting the great leap and history of information and communication technology. The head and faculty members overlooked the successful conduct of the exhibition, which was efficiently organized by the students of the department at their initiative.

The IT Exhibition was inaugurated by Fr. Abraham Kottanalloor along with the principal Dr. Shajimon T J, HOD Mrs. Aney Suphalamma N Mathew. The IT Exhibition was held at the seminar hall.

The working robot was the main attraction of this expo. Along with it, an exhibition, PowerPoint presentation, seminar, quiz, and gaming competition was also held for students from various schools. Gifts are awarded on spot. Each student in the Computer Studies Department demonstrated at least one electronic device as an exhibit.

Students from ArchAngels public school Kanikalam, St Joseph high school Cherupuzha, St Mary's High School Cherupuzha, Govt. Higher Secondary School Prapoyil visited the exhibition.



## Impact of Exhibition

The exhibition was highly enriching to the students of Navajyothi as well as many neighboring educational institutions in the present computer and artificial intelligence era. It helped everyone to realize how computers and other components functioned and looked like in the previous generation. It opened a new window to everyone to see how a computer functioned. Students who so far had no idea about what is inside a computer, though it had been a part and parcel of their life, were amazed to see the different components inside of it which made it the most needed tool in human existence and development today.

## **AL WIDA -TO BE A TECHIE: 2020**

Conducted a farewell program for the final year BCA students on 24th February Monday 2020. Director Fr. Jimmi Anjilithoppil officially inaugurated the event and in his Inaugural address, he inspired the student nothing is impossible with the example of the Mountain Man- Dasharath Majhi. Principal Dr. Shaji Mon delivered the presidential address and in a speech he made the students know about the role of campus life and friendship in their life. He wished good luck to the students of final year BCA for their future and appreciated the efforts of junior students of 1st & 2nd year BCA.



The HOD Mrs. Aney Suphamma N Mathew in her felicitation address she shared about her 3 years of experience with the students and recollected the intimacy shown by the outgoing students during their

campus life. She also wished good fortune for the students and she assured that all the students would succeed in the future.

The important thing in the event was the distribution of awards. Current year 'The Best Outgoing award' was shared by Jeena Sebastian III BCA and Akhil Murali III BCA for their Excellence in academic and extra-curricular activities

The teachers of the Computer Studies Department and other departments shared their experiences with the students. Several exciting games were also arranged for the outgoing students and enjoyed by all.

Sowmya Babu from the final year express their gratitude and with the vote of thanks, the event was ended.