



V.E.T. First Grade College

Permanently Affiliated to Bengaluru City University, Recognised u/s 2(f) & 12 (B) of UGC Act) NAAC accredited B+

TECH-TRINITY

DEPARTMENT OF COMPUTER SCIENCE

NAAC
Accredited

ABOUT THE INSTITUTION

VET First Grade College is one of the units of Vasavi Educational trust which was established in 1995 under the able and visionary leadership of Sri B V Rathnaiah Setty, Fonder president of the trust. Since inception, the college is instrumental in offering best in class education to the most needy sections of the society. The main aim of the institution is to enable students to meet the challenges of the 21st Century information era. The institution is accredited by NAAC and recognised by UGC and included under 2(f) in the year 2012 and 12(B) in 2016. The institution offers state of art laboratories and infrastructural facilities required for the overall development of the students and faculties alike.



ABOUT THE DEPARTMENT

The department offers a three year full time honors course in BCA. The department was established in 2009. The discipline acquires growing importance because of the recent development in the computer related industries. Designing, construction and testing the various computer based systems, utilizing up to date programming languages, hardware and computer based implementation will be the main features of the course providing a thorough and in depth insight of the advancement in the sector.

VISION

To offer up to date and flexible programs which will allow our graduates to be competitive in the job market and striving to provide a hands-on approach in teaching computer related courses. Creating leaders and innovators in industry, education, and various other fields of the society

MISSION

To provide students and faculty with an open environment that fosters professional and personal growth. To provide an excellent education in all computers related fields. To prepare students for careers in industry or to pursue advanced graduate studies. To provide a teaching environment that emphasizes depth, originality and critical thinking.

PRINCIPAL'S DESK



Computer Application is a trending course started in 1995 at VET .Through news letter “Tech Trinity”, college is very proud to share the progress of the department , students and staffs at VET .Various certificate courses ,Workshops, Webinars are organized for overall development of students have been reflected in these news letter .Hoping to come up with Latest Trends in Technologies and various other trending certificate courses to be included for the benefit of the students. I appreciate the faculties of the department for imparting online learning during the difficult times of pandemic. Best Wishes to the Coordinator Febina K.S and her Team.

Dr. R. PARVATHI
PRINCIPAL & ACADEMIC DIRECTOR

DEPARTMENT PROFILE



Mr. VENKATESAN R



Mrs. FEBINA K S



Mrs. MADHURI PATIL



Mrs. SHAMIM UNNISABI



Mrs. DEEPIKA KR



Mrs. TANUJA T H



Mr. MURALI J

ORIENTATION PROGRAMME

V.E.T First Grade College conducted orientation programme for the newly admitted BCA 1st year students (Batch 2019-2023) Online in Zoom Platform due to Pandemic . It sets a lasting impression for new students and their families. The main purpose of a good orientation session in a college is to bridge the gap between the professors and the students, ensuring a smooth communication between the two. All the Ist Year students were present with their parents. Honourable Secretary and principal welcomed all the students and gave them a brief description on the academic activities.



CAREER ORIENTATION PROGRAM ON ARENA ANIMATION”

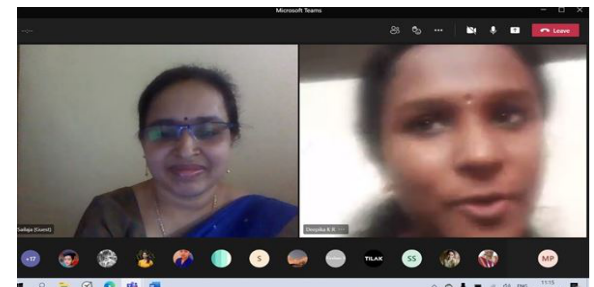
Date- 23/10/2020



VET First grade College organized webinar on Career Orientation: Emerging Technologies and digital media Trends” on 23/10/2020 at 1:30pm for all faculties and students of VET First Grade College through Zoom platform. At Arena Animation we offer courses in Graphic Design, Web Design, Graphic Effects (VFX), Gaming & Film Making, & 3D animation training. The Resource person started the session by playing video which demonstrated the power of animation. He showed how 3D Animation is used in movies. He gave information about character animation, graphics, BFX etc. He explained on how animation is embedded with 3D Modelling. He showed videos where modelling and texturing, wireframe, shading etc. are done on movie characters and discussed about various animation software used for it. He also explained how 3D Modelling is done Rockets.

WORKSHOP ON PYTHON USING MACHINE LEARNING

DATE : 21-05-2021



VET First Grade College organized a webinar on “Python using Machine learning” on 21/05/2021 at 10.15 am for all the final year BCA Students through Google Meet platform. The resource person started the session with explaining the difference between Artificial Intelligence concept and machine learning concept. He explained the steps in Installing the Python and SciPy platform like Loading the dataset, Summarizing the dataset, Visualizing the dataset, Evaluating some algorithms, Making some predictions. He explained about various machine learning techniques and algorithms which can be used in various applications such as vision processing, forecasting things like stock marketing trends, weather, pattern recognition, games, robotics etc. He also mentioned about the classification of machine learning methods like supervised learning (with labels) and unsupervised learning (without labels). Various other topics like clustering algorithm, Regression algorithm etc. were also been discussed. The session was very informative for the students

WORKSHOP AND SEMINARS

“WEBINAR ON VISIBLE LIGHT COMMUNICATION”

DATE : 06-06-2020

Webinar on visible light communication was conducted on 6th June 2020 for BCA students through zoom platform. The resource person Dr.Parvathi Angadi spoke about visible light communication(VLC). She explained about the new technology for communication using light. She also mentioned all the applications of VLC like it can be used as a communications medium for ubiquitous computing, because light-producing devices (such as indoor/outdoor lamps, TVs, traffic signs, commercial displays and car headlights/taillights are used everywhere. Visible Light Communication (VLC) is a preferred communication technique because of its high bandwidth and immunity to interference from electromagnetic sources. The revolution in the field of solid state lighting leads to the replacement of florescent lamps by Light Emitting Diodes (LEDs) which further motivates the usage of VLC. She also mentioned that VLC is a promising technology of our future presently at its nascent stage as its not expensive and transmission rate are high compare to other technologies.



“HEALTH AWARENESS PROGRAMME”

DATE: 05/02/2021

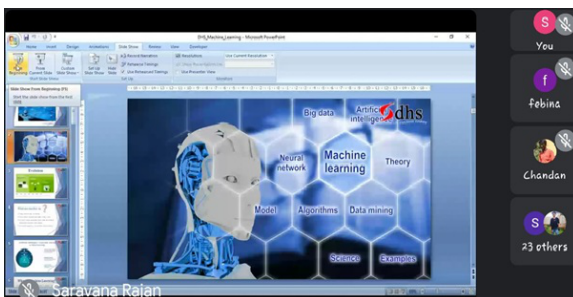
VET FGC has conducted a workshop on health awareness, in association with 'Wellness Quotient' on 05.02.2021 in the college auditorium at 11.30 a.m. The session was started by Mr. Iniyar, the co-founder of Wellness Quotient, carried on the event with a quote “Always know that our body is more intelligent than the medicine we use to treat it”. He reminded all the forgotten age old guidelines to lead a healthy life. His video and talk included the reasons for rising causes for Diabetes, Spondylitis, Arthritis, Obesity, Cancer and Heart Attacks etc. He tried to bring awareness on how to handle these diseases and to be away from these lifestyle disorders. The session was interactive and students assured him to carry the same knowledge to their parents either. His mission, to create healthier society through young students was shown by Six Wellness Pillars Chart - food, stress, exercise, belongingness, sleep, environment. Further, a quick round of workout was demonstrated by Mr. Vishwajeet. All students participated in the activity with enthusiasm and got benefitted and assured to be the part of their Face Book Page to work out on a daily basis. The session was concluded by imparting positivity in students to lead disease-free life was the best part of the programme.



“WEBINAR ON PYTHON PROGRAMMING”

DATE : 21-05-2021

VET First Grade College organized a webinar on “Python programming” on 21/05/2021 at 10.15 am for all the final year BCA Students through Google Meet platform. The resource person started the session with explaining the difference between Artificial Intelligence concept and machine learning concept. He explained about various machine learning techniques and algorithms which can be used in various applications such as vision processing, forecasting things like stock marketing trends, weather, pattern recognition, games, robotics etc. He also mentioned about the classification of machine learning methods like supervised learning (with labels) and unsupervised learning (without labels). Various other topics like clustering algorithm, Regression algorithm etc. were also been discussed. The session was very informative for the students.



“CAMPAIGN ON COVID-19 VACCINATION”

Date - 17/4/2021

The coronavirus pandemic has taken the whole world by storm. While people are caught up in the fear of contracting the virus and led to severe disruptions and widespread confusion among people. The consumer behaviour in India and across the world also changed rapidly over the course of the crisis. Dr.R.Parvathi, principal & academic director, of VET FGC COLLEGE, said that she is planning to organize a camp in the campus. “Not only we have thought of organizing the vaccine camp for our teaching , non teaching and students, but also have made it open for the family members of the staffs and other sister institutions.” The college organized a camp on April 17, 2021 from 9am to 2pm.



PROFESSIONAL SHORT TERM COURSES

The department of computer science offered 2 short term course for BCA students to upgrade their skills and provide them with hands on application on current trends in the industry. Short-term courses can give one a competitive edge and also help develop personally.

After completion of the course students will get course completion certificate and additionally VI SEMESTER students will get Internship certificate.

SL.NO	COMPANY NAME	COURSE NAME	NO OF HRS	NO OF STUDENTS ATTENDED
1	GLOVISH TECHNOLOGIES	VB.NET	30	34
2	DHS INFOMATICS PRIVATE LIMITED	PYTHON USING MACHING LEARNING	40	34

RESULT ANALYSIS

Results Analysis will help to understand how your students are learning, and how they have performed in each area of the syllabus. The information is to identify areas of strength and weakness , where it's most needed.

During the academic year 1 student secured centum marks in Java Programming

I YEAR BCA

The overall pass percentage was 75% in I sem BCA June 2020 examination. Ms. Ashwathi topped the class securing 9.31 CGPA in the I Semester examinations with 9 other students securing distinctions and 15 with first class. For the II Semester the overall pass percentage was 100% as they had auto promotion due to Pandemic. In the management, principal and staff members applauded the efforts of students and the guidance provided by faculty members.

II YEAR BCA

The overall pass percentage was 65% in III sem BCA June 2020 examination. Ms.Bindushree topped the class securing 8.080 CGPA in the III Semester examinations with 10 other students securing distinctions and 14 with first class. For the IV Semester the overall pass percentage was 100% as they had auto promotion due to Pandemic. In the management, principal and staff members applauded the efforts of students and the guidance provided by faculty members.

III YEAR BCA

The overall pass percentage was 60% in V sem BCA June 2020 examination. Ms. Priyadarshini topped the class securing 8.9 CGPA in the V Semester examinations with 09 other students securing distinctions and 10 with first class. For the VI Semester the overall pass percentage was 80% and 9 students secured distinction and 85 students with first class. In the management, principal and staff members applauded the efforts of students and the guidance provided by faculty members.

ACHIEVERS-2020

Class Toppers ODD & EVEN Sem – 2020 Examination



Aswathi
9.31 CGPA

Yashaswini
9.0 CGPA

Bindushree
8.80 CGPA

Vittal D S
8.31 CGPA

Priyadarshani
8.9 CGPA

Chandu
8.15 CGPA

FACULTY UPGRADATION LIST

Teachers should keep upgrading their knowledge from time to time. Teaching plays a special role in the development of a student. Webinars for the teachers is also important for them to have effective class management skills. Seminars are needed to help the teachers learn or create new teaching strategies which will bring back the interest of their students in the classrooms and encourage learning.

PARTICULARS	NUMBERS
Projects guided at college	33
Webinars/Seminars	19
Faculty Development Program	8

GRADUATION DAY

VET First Grade College organized graduation day ceremony at the college auditorium, Graduates who passed out during the academic year 20-21 received their graduation certificates from Principal. The students took oath to be responsible graduates and citizens and vowed to come back to the alma mater. The graduates lead by the chief guest took a pledge to use their degrees and knowledge only for the betterment of our society. The current office bearers handed over their responsibilities to the upcoming final year students.

Office bearers set role models to promote leadership for the entire student community. They have to be the ambassadors of the school, representing the school within and outside the school. They are expected to maintain the discipline in the school and when they represent the school outside. A student leader strives to change the world by starting with their own community.



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Principal, Academic Director,
VET Colleges

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