Vasavi Educational Trust

VET FIRST GRADE COLLEGE

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

TECH – TRINITY

"Where technology leads to innovation"

DEPARTMENT OF COMPUTER SCIENCE

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.
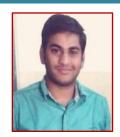
PRINCIPAL'S DESK

Computer Science is a trending course since 1995.College is very proud to share the progress of Bachelor of Compute Science Students & staff through "Tech Trinity" reflection of technology at VET. Various certificate courses, workshops & Students involvement reelected in this E-newsletter. Achievements of each & every students are rightly supported by the department Co-coordinator Mr. Venkatesan. R & his team, hoping to come up with latest activities on Python & android more in the coming years for the benefit of the students. Best Wishes for each and every leader.

Dr. R. Parvathi
Principal & Academic Director

DEPARTMENT PROFILE

VENKATESAN R
BE, ME, PGDHSE
CO-ORDINATOR

FEBINA K S
MCA
Asst. Professor

NAGAVENI B R
MCA
Asst. Professor

SWAPNA R
BE, M.Tech
Asst. Professor

TANUJA T H
M.Sc
Asst. Professor

MURALI J
Dip IT
Lab Instructor

ORIENTATION PROGRAMME

V.E.T First Grade College conducted orientation programme for the newly admitted BCA 1st year students (Batch 2019-2023) in the college premises on 21st August 2017 at the VET Auditorium. All the 1st 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.

SPECIAL LECTURE ON "KNOW THE WORLD YOU LIVE IN"

A Special Lecture was organized on 08-08-2020 for all the students on "KNOW THE WORLD YOU LIVE IN". The session was started by Mr. Ramanan, founder CEO, Ladder Consultancy, Pvt, ltd. The speaker started the session by stating that we live in a world full of hate and deceit. Many of us just stand aside and ignore what happens around us. What if, even for just one day, we really stopped to look? How many lives could be saved? How many people might not feel so alone anymore? We are all well aware of the kids that sit by themselves during lunch or that never have a partner in class.

PERSONALITY DEVELOPMENT ON "CORPORATE PERSOANLITY DEVELOPMENT TRAINING"

A Personality development on "Corporate personality development training" for all BCA students on 22nd June 2019. The resource Person Mr. Saravanan, Accenture Cyber Security Engineer started the session by giving introduction to Corporate Personality Development Training. He informed the purpose of this training is to develop skills and techniques necessary for Effective Communication, Public Speaking and Personality Development which will help the participants to communicate better and speak with confidence with individuals, officials, and clients, participate actively in meetings, conferences and also speak from platforms.

"THE ART OF WINNING"

A special Lecture on "The Art of Winning" was conducted by Shikha Vohia, Counselor/ Trainer Inner Wheel Club, J.P.Nagar, Bangalore On 25th September 2019 for BCA students. Shikha Vohia started the session by giving a brief introduction about the "art of wining" with various examples. Further the speaker continued that Art of Winning is a Peak Performance Training Organization where they have so far catered coaching to thousands of students. They are pioneer and leader in this field due to their Workshops on LIFE TRANSFORMATION.

"I AM THE WINNER" BY RYLA

A special lecture was organized for I sem BCA and Rotary students on "I am the winner" on 27th September 2019. Rtn Dr. Raghavendra P.S and Rtn K. Ravichandran addressed the students on this topic.Rtn Dr. Raghavendra gave a brief introduction about "I am the winner", and explained about teaching and what benefits the government school children will get from teaching by their sisters and brothers. Each teaching must be have fun so called 'Game 'and entered into the teaching. "Enjoying learning with playing". The session was explained towards development of communication skills among students, it also focused on the areas of public speaking with practical exposure to the students. As the session was activity based learning, it was highly interesting and active participation of the students was seen.

Guest Lecture on Android

A guest lecture was organized on 23rd October 2019 for all BCA students by Sneha Tiwari, Android Developer Director. Android is a mobile operating system developed by Google. It is used in several smartphones and tablets. The Android operating system (OS) is based on the Linux kernel. Unlike Apple's iOS, Android is open source, meaning developers can modify and customize the OS for each phone A workshop on android programming was conducted by Mr Shankar and Sneha Tiwari for all the students of BCA. Where he gave a brief description on programme (android) development. Then later followed by practical session in Computer lab.

Workshop on Machine learning Using Python

Department of computer science organised on 4-02-2019 conducted a workshop on "machine learning using python "for final year BCA students. The resource person Mr. Saravan Rajan, CEO of DHS Projects Pvt. Ltd explained about machine learning domain, how to use python language to implement machine learning application, advantages of using machine learning and its applications using python.

Workshop on "Mind Mapping"

A workshop on Mind Mapping was conducted by Mr.Harish Bala, Trainer on 04th October 2019. Mr.Harish Bala, Trainer since 6years as an engineering graduate taught the students how to face an interviews, group discussion, how to understand new topics, analyse, prepare points and do the presentation. Further he briefed about mind mapping, that a mind map is a diagram used to visually organize information it is hierarchical and shows relationships among pieces of the whole. It is often created around a single concept, drawn as an

image in the center of a blank page, to which associated representations of ideas such as images, words and parts of words are added. Major ideas are connected directly to the central concept, and other ideas branch out from those major ideas.

PROFESSIONAL SHORT TERM COURSES

The department of computer science offered 3 short term course for BCA students to upgrade their skills and provide them with hands on application on current trends in the industry.

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
1	Zentrix Info solution Pvt. Ltd	Android	30
2	Glovish Technologies Pvt. Ltd	Vb.net	30
3	DHS Informatics private limited	Python using Machine learning	60

Department of Computer Science signed MoU with different companies

Zentrix Info Solution Pvt. Ltd

Glovish Technologies Pvt. Ltd

DHS Informatics Pvt. Ltd

The aim is to strengthening and growth of mutually beneficial research, and to cooperatively conduct educational and outreach programmes.

Inter Collegiate Competition

Our students from final semester participated in a TREASURE HUNT event conducted by BMS College of Law and secured first place. Similarly our students participated in various activities conducted by University & various Institutions in Bangalore.

ACHIEVERS-2019

The department is proud to announce that 2 students secured centum marks in Discrete Mathematics & 2 students got Outstanding by securing more than 9 CGPA, 16 students secured exemplary (more than 8-CGPA) and 24 students secured distinction by getting more than 7.00 CGPA.

Centum Marks in Discrete Mathematics

Aswathi
9.34 CGPA

Yashaswini
9.00 CGPA

Class Toppers ODD & EVEN Sem - 2019 Examination

Gloria M. Mendonce
V Sem – 9.15 CGPA
VI Sem – 9.15 CGPA

Hajira Muskan
IV Sem – 8.13 CGPA

Vittal. D
I Sem – 8.31 CGPA
II Sem – 8.72 CGPA

Kishan
III Sem 8.71 CGPA

Research Publications for Academic year 2019-2020

- Mr. Venkatesan. R presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"CYBER SECURITY IN IT MODERN ERA"** at VET First Grade College and published by Our Heritage Journal - UGC Care Journal (ISSN NO: 0474-9030).

- Mrs. Febina K S presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"A STUDY OF IOT"** at VET First Grade College and published by Our Heritage Journal - UGC Care Journal (ISSN NO: 0474-9030)

- Mrs. Nagaveni B, presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"CYBER SECURITY IN IT MODERN ERA"** at VET First Grade College and published by Our Heritage Journal - UGC Care Journal (ISSN NO: 0474-9030).

- Mrs. Swapna R, presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"A STUDY OF IOT"** at VET First Grade College and published by Our Heritage Journal - UGC Care Journal (ISSN NO: 0474-9030).

- Mrs. Tanuja H presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"MATHEMATICS-ALL OVER THE CREATIONS! A HISTORICAL VIEW POINT"** at VET First Grade College and published by Our Heritage Journal - UGC Care Journal (ISSN NO: 0474-9030).

- Mr. Venkatesan.R, presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"MONITORING SMART STREET LIGHTING USING INTERNET OF THINGS: IOT** at VET First Grade College and published by VET First Grade College ISBN Book (ISBN:978-81-941-390-5-8).

- Mrs. Febina K S, presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"A STUDY ON SMART FARMING USING INTERNET OF THINGS (IOT) AND ITS ADVANTAGES** at VET First Grade College and published by VET First Grade College ISBN Book (ISBN:978-81-941-390-5-8).

- Mr. Ngaveni R, presented a paper in International Conference on "Multidisciplinary Research on Challenges to Change & Development"- **"MONITORING SMART STREET LIGHTING USING INTERNET OF THINGS: IOT** at VET First Grade College and published by VET First Grade College ISBN Book (ISBN:978-81-941-390-5-8).

ONLINE QUIZ PROGRAMME:

Department of Computer Science organized an online Quiz for Faculties, Research Scholars and students in the academic year 2019-2020. . There were 20 Questions each carrying 2 points. Those secured more than 50% were provided with E- certificates and the link was opened for 3 days.

Name of The Quiz	Conducted Dates	No of Participants
C Programming	20-06-2020 To 22-06-2020	590
Operating System	24-06-2020 To 25-06-2020	287
Digital Electronics	26-06-2020 To 27-06-2020	91

SPECIAL LECTURE USING VIRTUAL PLATFORM

VET First Grade College organized a webinar on "VISIBLE LIGHT COMMUNICATION" on 6th Jun-2020 at 10.00AM. The webinar was conducted for all the BCA students through Zoom platform.
The resource Person Dr. Parvathi Angadi , Professor KLE College, took the session and briefed about the new technology for communication using visible Light. The session was continued by describing various technologies using light spectrum. The session was very informative about the upcoming technology for reliable communication.

TRY THIS FUN BIRTHDAY TRICK !!!!!

This math trick will determine your birthday. Just follow the steps with a calculator and press equal after each step. Go ahead and try the trick without cheating! For a simple online JavaScript calculator on the calculator button.

- ➢ Add 18 to your birth month
- ➢ Multiply by 25
- ➢ Subtract 333
- ➢ Multiply by 8
- ➢ Subtract 554
- ➢ Divide by 2
- ➢ Add your birth date
- ➢ Multiply by 5
- ➢ Add 692
- ➢ Multiply by 20
- ➢ Add only last two digits of your birth year
- ➢ Subtract 32940 to get your birth day

The answers format is: month/Day/Year. For example an answer of 123199 means that you're born on 31st December 1999. If the answer is not right you followed the directions incorrectly or lied about your birthday.

GRADUATION DAY

VET First Grade College organized graduation day ceremony at the college auditorium where in Graduates who passed out during the academic year 2019-20 received their graduation certificates from the Chief Guest.

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.

V.E.T. GROUP OF INSTITUTIONS

V.E.T. FIRST GRADE COLLEGE & P.G. CENTRE
V.E.T. SCHOOLS, V.V. Puram & J.P. Nagar.
V.E.T. B.V.L. POLYTECHNIC
V.E.T. MANANDI COMPOSITE P.U. COLLEGE, J.P. Nagar.
V.E.T. COMPOSITE P.U. COLLEGE, V.V. Puram.

VET FIRST GRADE COLLGE

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